Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022864.D
Acq On : 25 Nov 2022 17:18
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:40:37 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 22:38:23 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.071	152	6950	0.400	ng		0.00
7) Naphthalene-d8	10.893	136	18888	0.400	ng		0.00
13) Acenaphthene-d10	14.709	164	11350	0.400	ng		0.00
19) Phenanthrene-d10	17.452	188	24323	0.400	ng		0.00
29) Chrysene-d12	21.643	240	18976	0.400	ng		0.00
35) Perylene-d12	24.135	264	13917	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.601	112	28207	1.358	ng		0.00
5) Phenol-d6	7.212	99	36508	1.364	ng		0.00
8) Nitrobenzene-d5	9.238	82	23420	1.595	ng		0.00
11) 2-Methylnaphthalene-d10	12.477	152	77860	1.837	ng		0.00
14) 2,4,6-Tribromophenol	16.198	330	8589	1.289	ng		0.00
15) 2-Fluorobiphenyl	13.341	172	82595	1.652	ng		0.00
27) Fluoranthene-d10	19.481	212	109043	1.524	ng		0.00
31) Terphenyl-d14	20.076	244	67982	1.580	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	13674	1.513	ng		98
3) n-Nitrosodimethylamine	3.767	42	15080	1.455	ng		99
6) bis(2-Chloroethyl)ether	7.486	93	34725	1.363	ng		100
9) Naphthalene	10.947	128	93769	1.581	ng		99
10) Hexachlorobutadiene	11.235	225	19237	1.590	ng	#	100
12) 2-Methylnaphthalene	12.163	142	19389	1.351	ng	#	95
16) Acenaphthylene	14.431	152	98213	1.512	ng		100
17) Acenaphthene	14.773	154	63620	1.589	ng		99
18) Fluorene	15.751	166	84337	1.633	ng		99
20) 4,6-Dinitro-2-methylph...	15.813	198	4359	2.019	ng	#	65
21) 4-Bromophenyl-phenylether	16.645	248	28201	1.560	ng		96
22) Hexachlorobenzene	16.757	284	34893	1.659	ng		99
23) Atrazine	16.906	200	20135	1.403	ng		99
24) Pentachlorophenol	17.104	266	9439	1.440	ng		99
25) Phenanthrene	17.501	178	136928	1.642	ng		100
26) Anthracene	17.588	178	121315	1.541	ng		100
28) Fluoranthene	19.511	202	151244	1.601	ng		100
30) Pyrene	19.874	202	161468	1.847	ng		96
32) Benzo(a)anthracene	21.625	228	123414	1.564	ng		99
33) Chrysene	21.679	228	127853	1.665	ng		99
34) Bis(2-ethylhexyl)phtha...	21.563	149	45812	0.977	ng		99
36) Indeno(1,2,3-cd)pyrene	26.758	276	92256	1.454	ng		100
37) Benzo(b)fluoranthene	23.372	252	99306	1.734	ng		97
38) Benzo(k)fluoranthene	23.425	252	109186	1.861	ng		96
39) Benzo(a)pyrene	24.027	252	76094	1.619	ng		95
40) Dibenzo(a,h)anthracene	26.781	278	74146	1.494	ng		97
41) Benzo(g,h,i)perylene	27.553	276	77375	1.473	ng		99

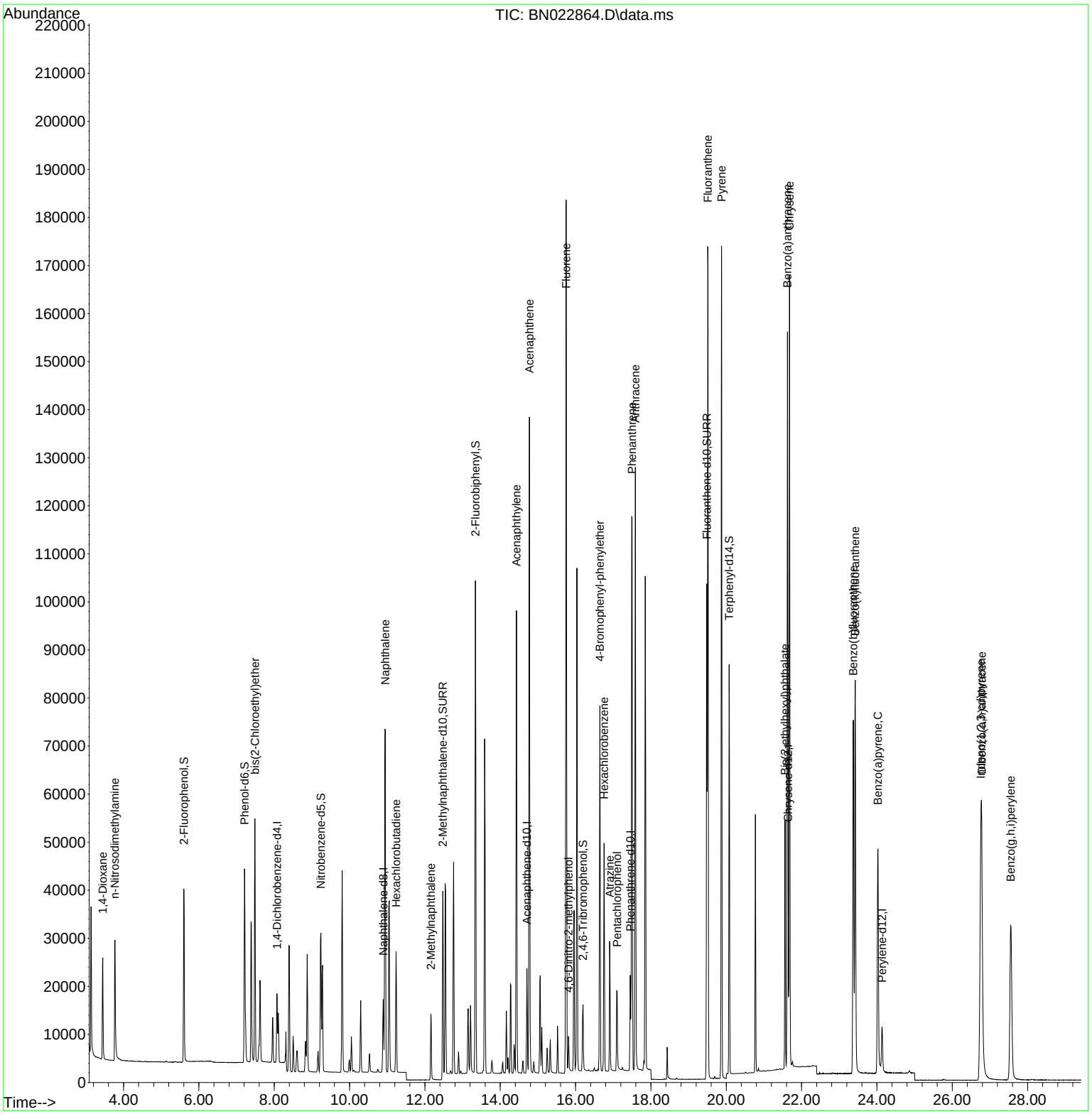
(#) = qualifier out of range (m) = manual integration (+) = signals summed

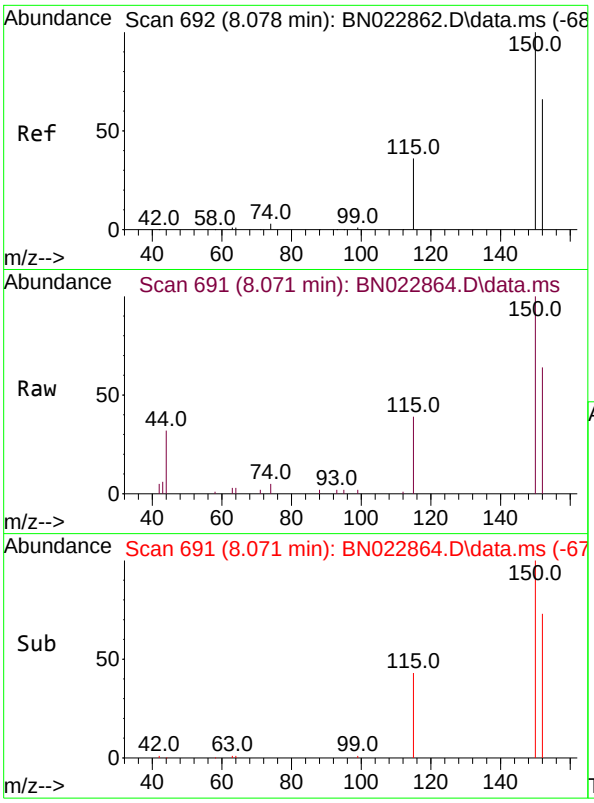
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112522\
Data File : BN022864.D
Acq On : 25 Nov 2022 17:18
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Nov 25 22:40:37 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 22:38:23 2022
Response via : Initial Calibration



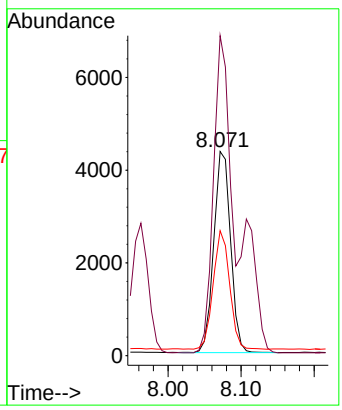


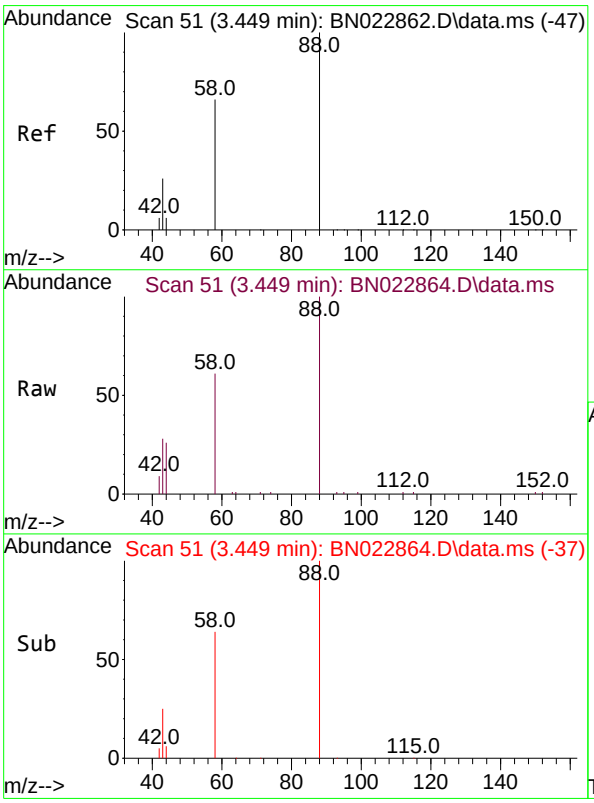
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.071 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6950

Ion	Ratio	Lower	Upper
152	100		
150	156.8	121.2	181.8
115	61.2	46.2	69.4

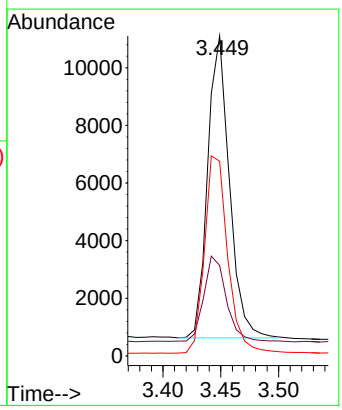


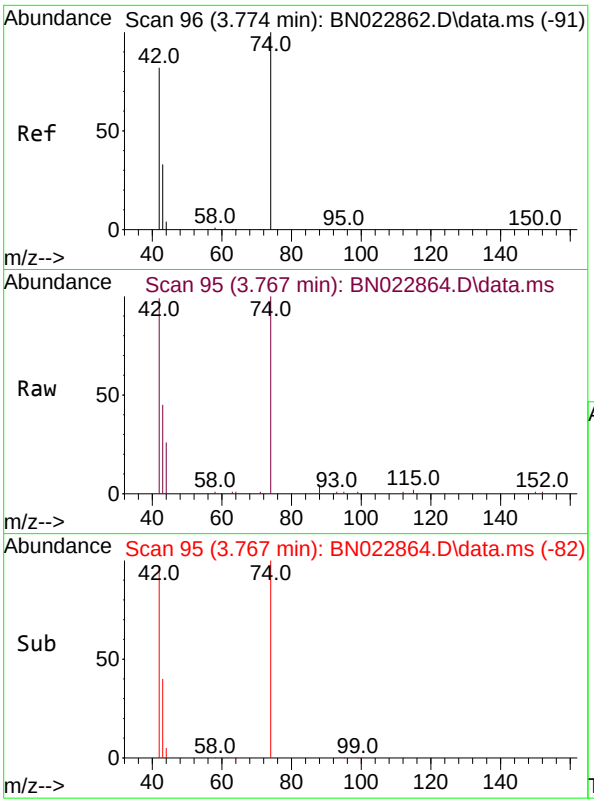


#2
1,4-Dioxane
Concen: 1.513 ng
RT: 3.449 min Scan# 51
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 88 Resp: 13674

Ion	Ratio	Lower	Upper
88	100		
43	29.0	25.4	38.2
58	70.0	56.5	84.7



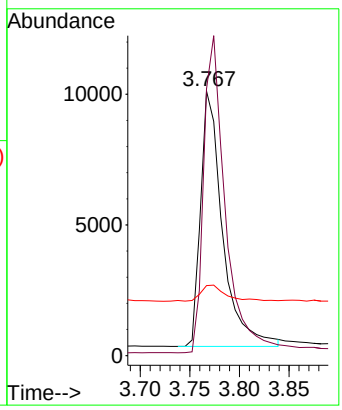


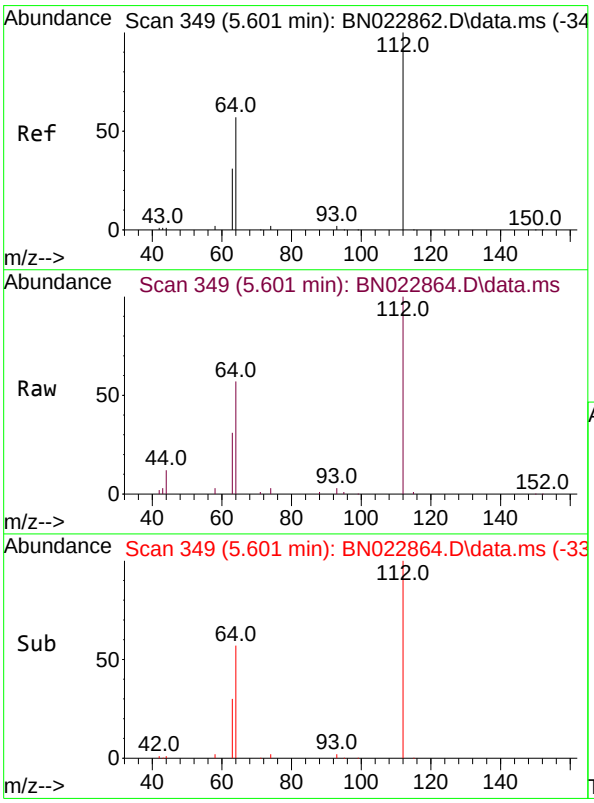
#3
n-Nitrosodimethylamine
Concen: 1.455 ng
RT: 3.767 min Scan# 9
Delta R.T. -0.007 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 15080

Ion	Ratio	Lower	Upper
42	100		
74	122.6	99.3	148.9
44	7.3	5.4	8.2

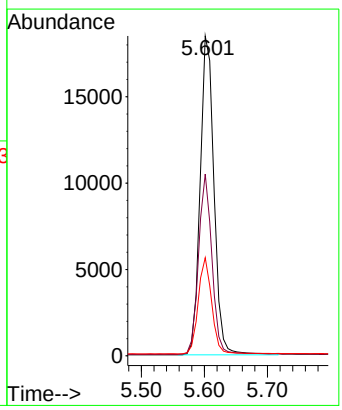


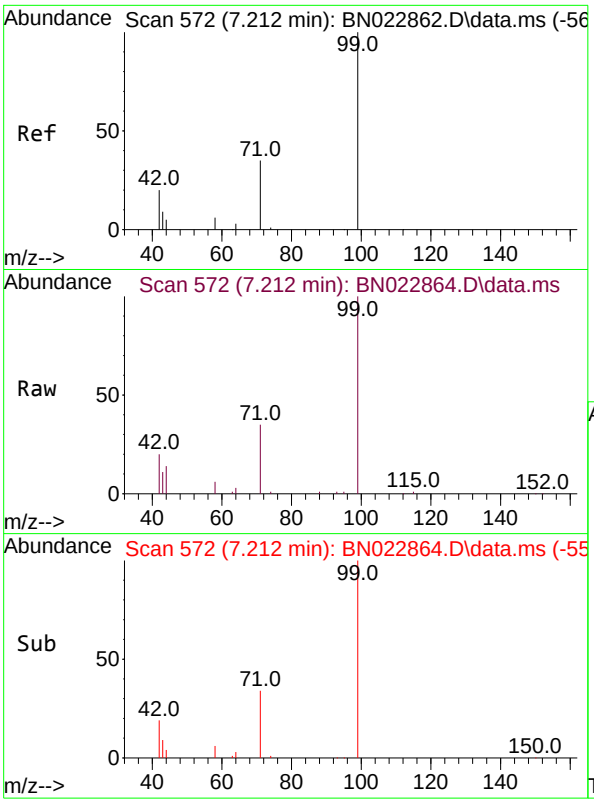


#4
2-Fluorophenol
Concen: 1.358 ng
RT: 5.601 min Scan# 349
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:112 Resp: 28207

Ion	Ratio	Lower	Upper
112	100		
64	54.6	43.4	65.2
63	29.3	23.4	35.2



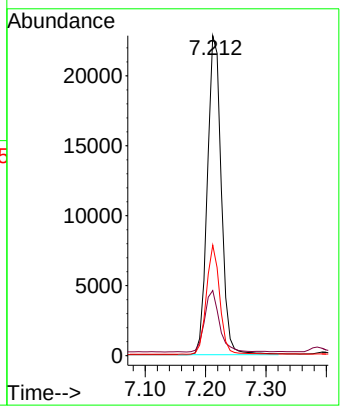


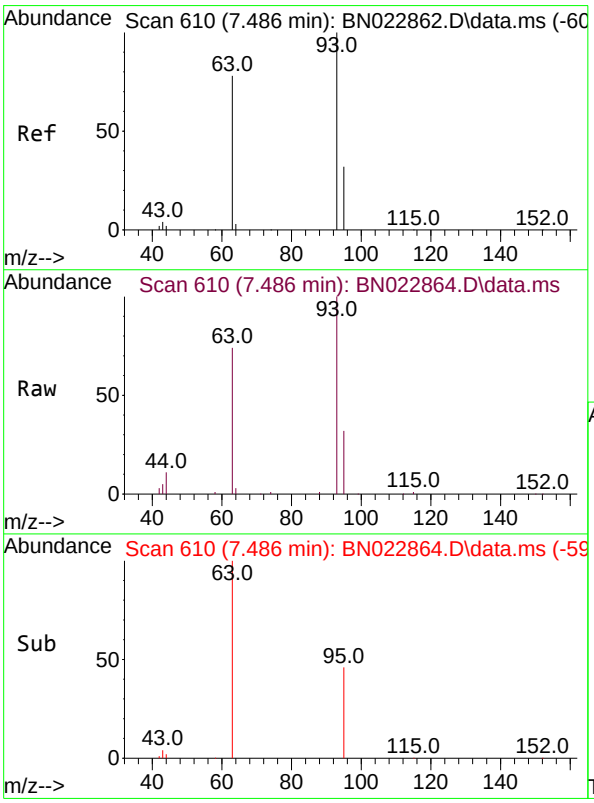
#5
Phenol-d6
Concen: 1.364 ng
RT: 7.212 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 36508

Ion	Ratio	Lower	Upper
99	100		
42	20.4	16.0	24.0
71	33.0	26.8	40.2

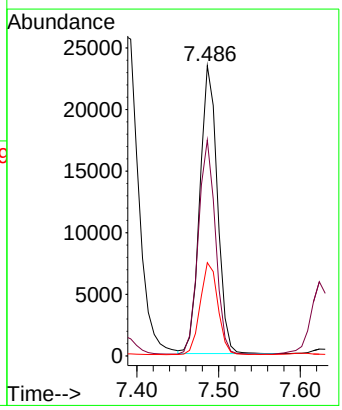


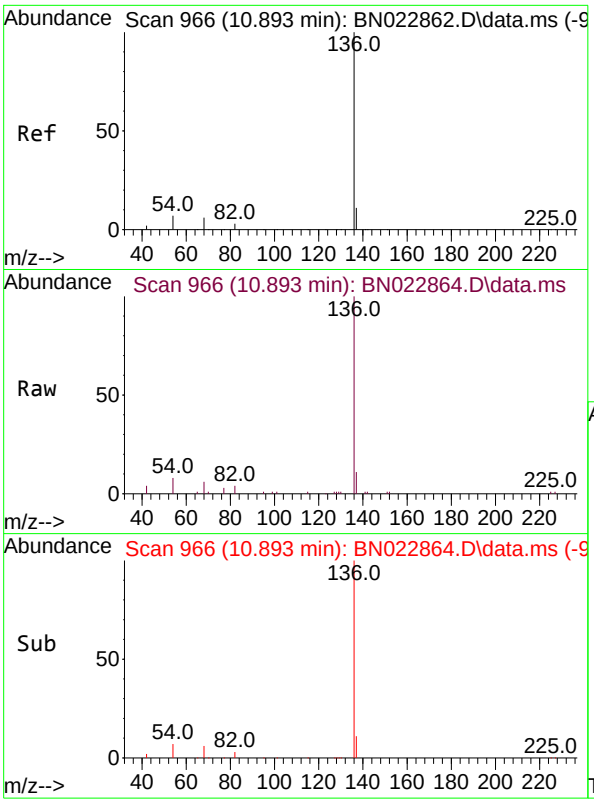


#6
bis(2-Chloroethyl)ether
Concen: 1.363 ng
RT: 7.486 min Scan# 610
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 93 Resp: 34725

Ion	Ratio	Lower	Upper
93	100		
63	72.7	58.3	87.5
95	32.3	25.8	38.6



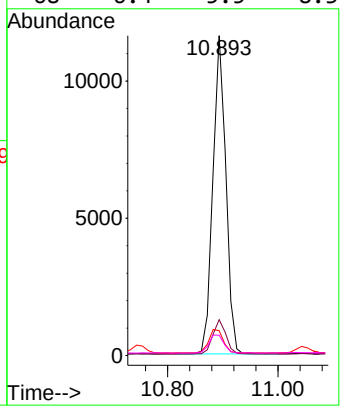


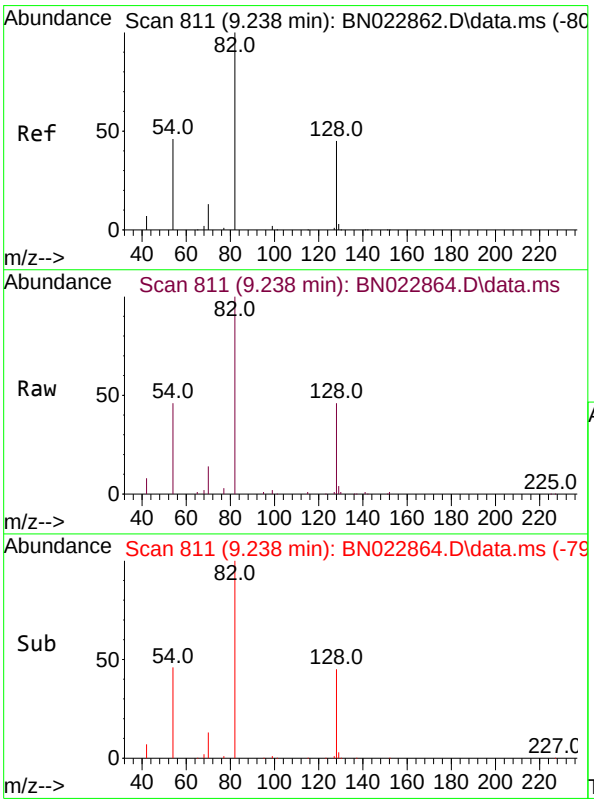
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.893 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 18888

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.8	6.6	9.8
68	6.4	5.5	8.3

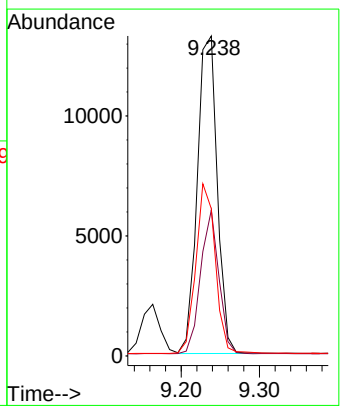


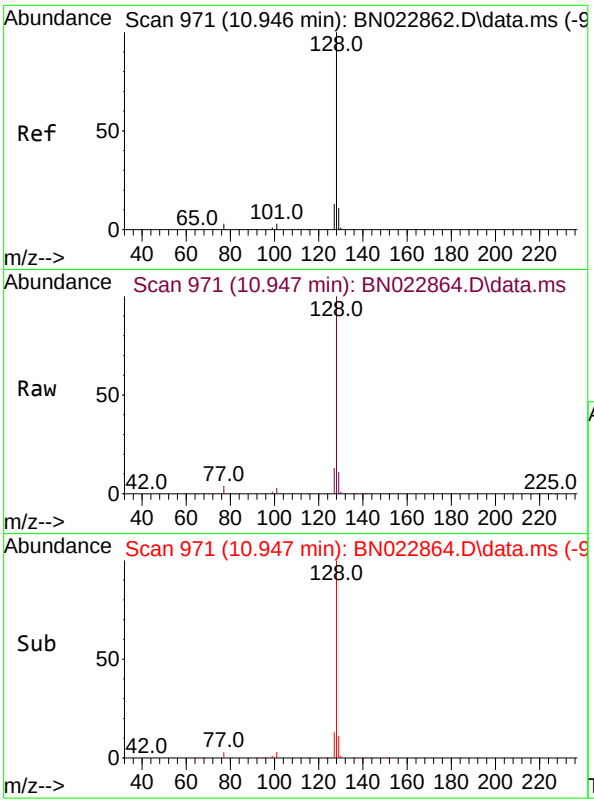


#8
Nitrobenzene-d5
Concen: 1.595 ng
RT: 9.238 min Scan# 811
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion: 82 Resp: 23420

Ion	Ratio	Lower	Upper
82	100		
128	45.6	36.6	54.8
54	46.0	38.5	57.7



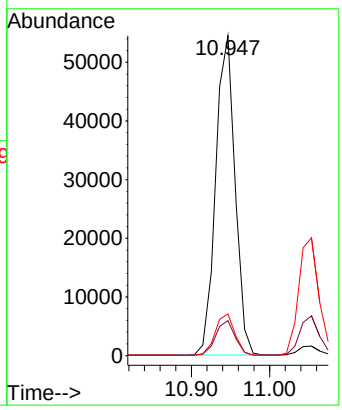


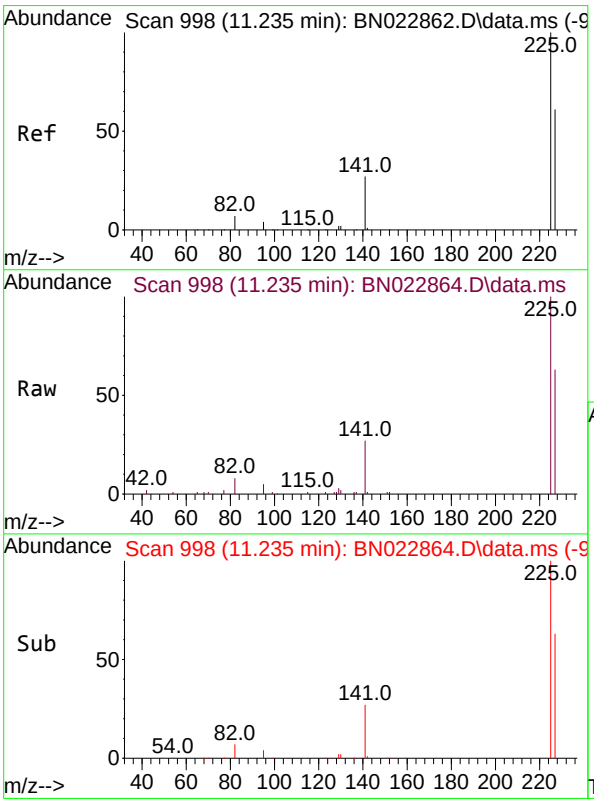
#9
Naphthalene
Concen: 1.581 ng
RT: 10.947 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 93769

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.0	13.4
127	13.0	10.8	16.2

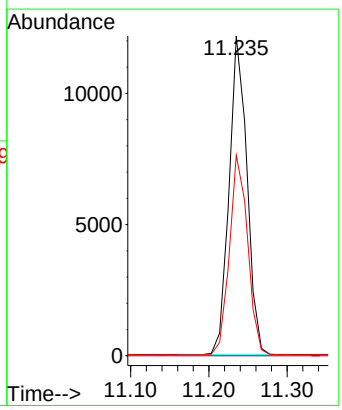


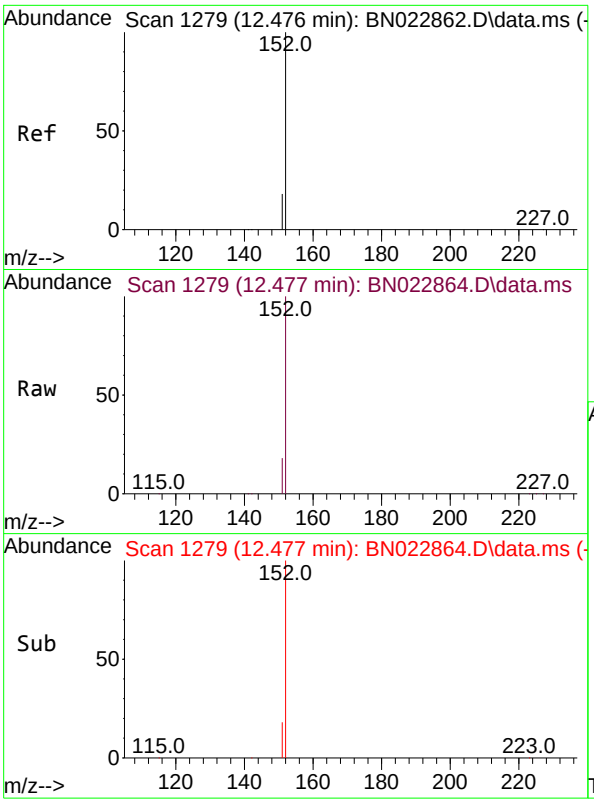


#10
Hexachlorobutadiene
Concen: 1.590 ng
RT: 11.235 min Scan# 998
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:225 Resp: 19237

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	50.8	76.2



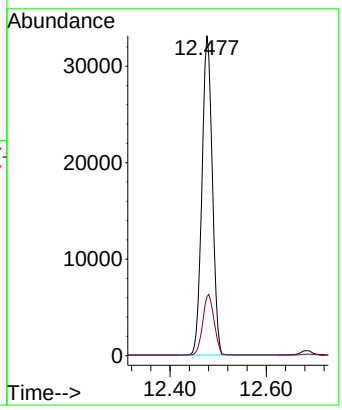


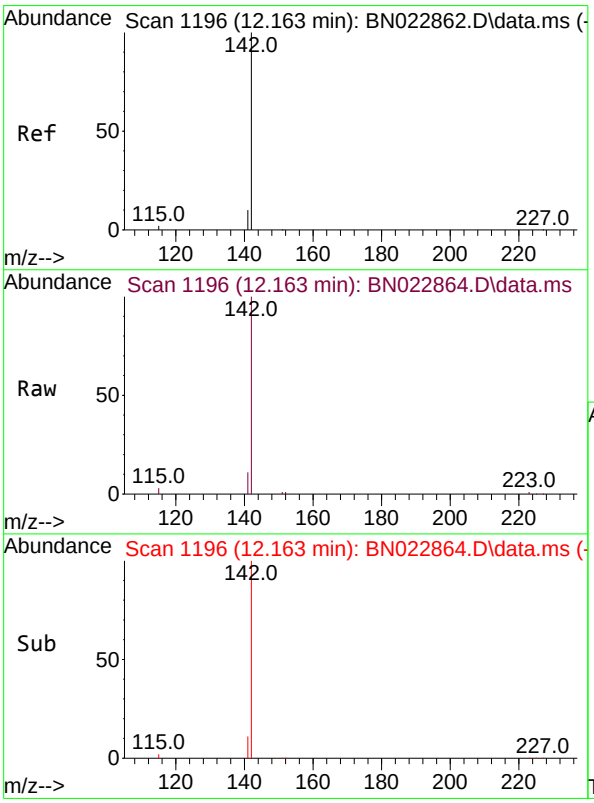
#11
2-Methylnaphthalene-d10
Concen: 1.837 ng
RT: 12.477 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 77860

Ion	Ratio	Lower	Upper
152	100		
151	19.6	18.6	27.8

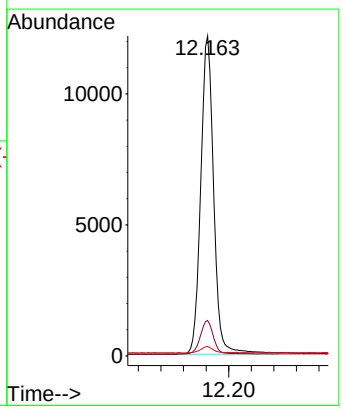


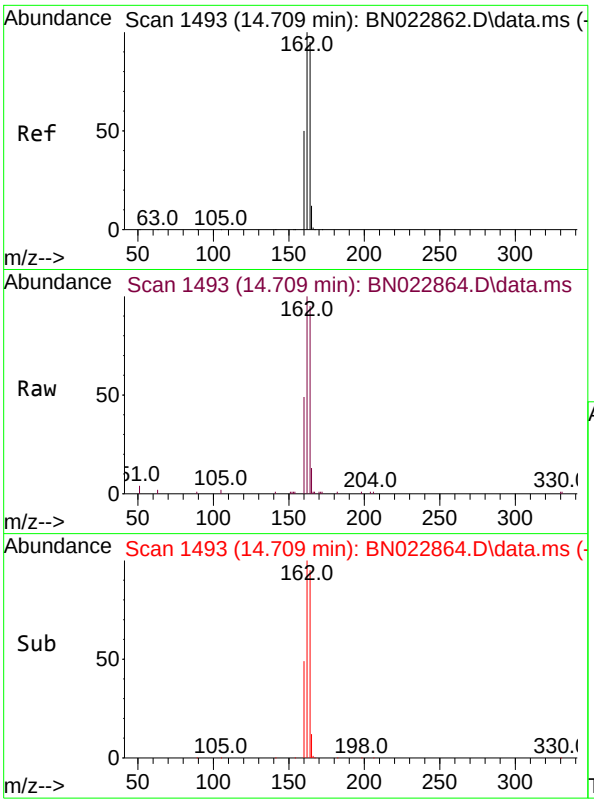


#12
2-Methylnaphthalene
Concen: 1.351 ng
RT: 12.163 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:142 Resp: 19389

Ion	Ratio	Lower	Upper
142	100		
141	11.1	10.1	15.1
115	2.9	4.6	7.0#



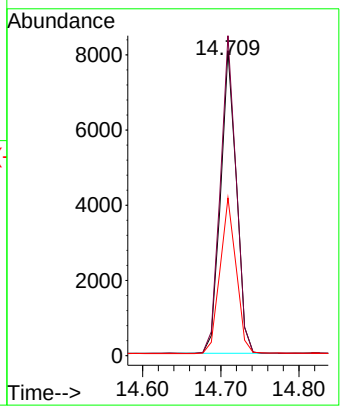


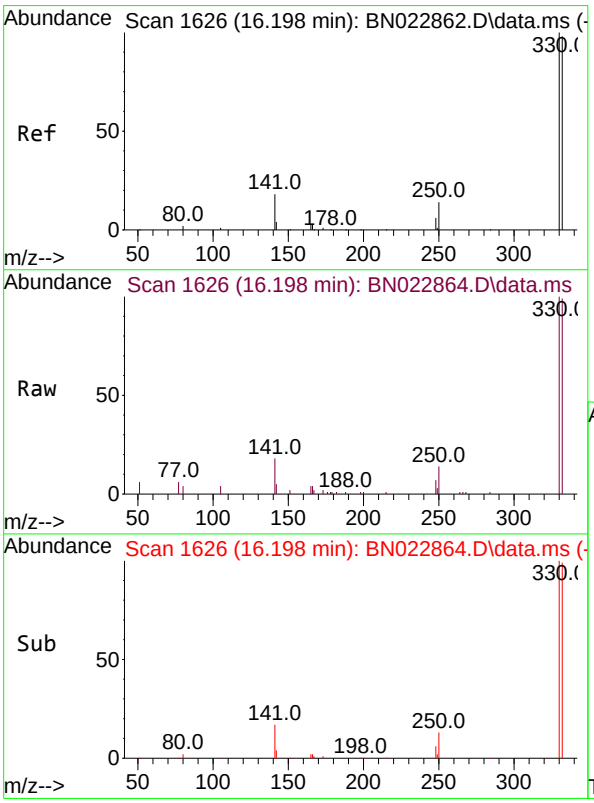
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.709 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 11350

Ion	Ratio	Lower	Upper
164	100		
162	104.9	84.2	126.4
160	51.7	42.5	63.7

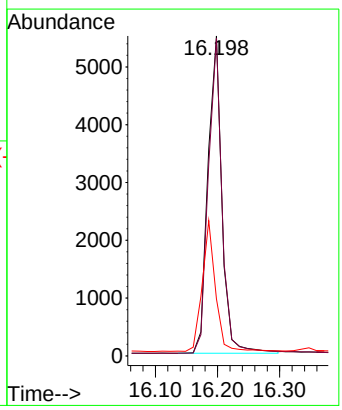


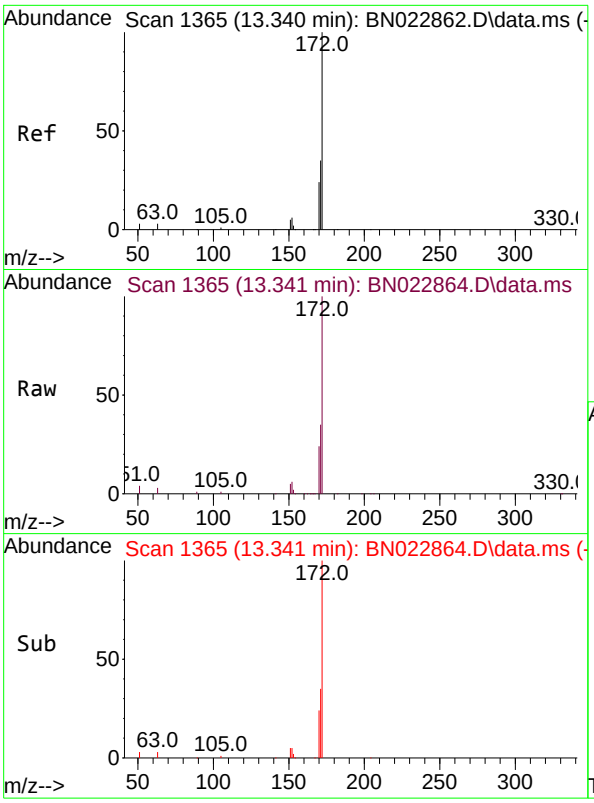


#14
2,4,6-Tribromophenol
Concen: 1.289 ng
RT: 16.198 min Scan# 1626
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:330 Resp: 8589

Ion	Ratio	Lower	Upper
330	100		
332	97.2	76.5	114.7
141	38.9	32.6	48.8



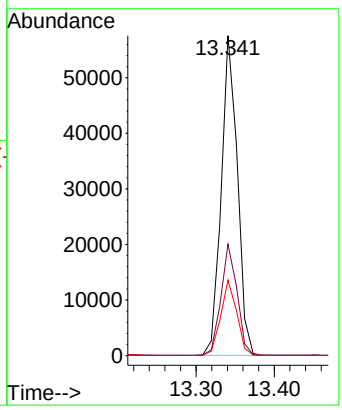


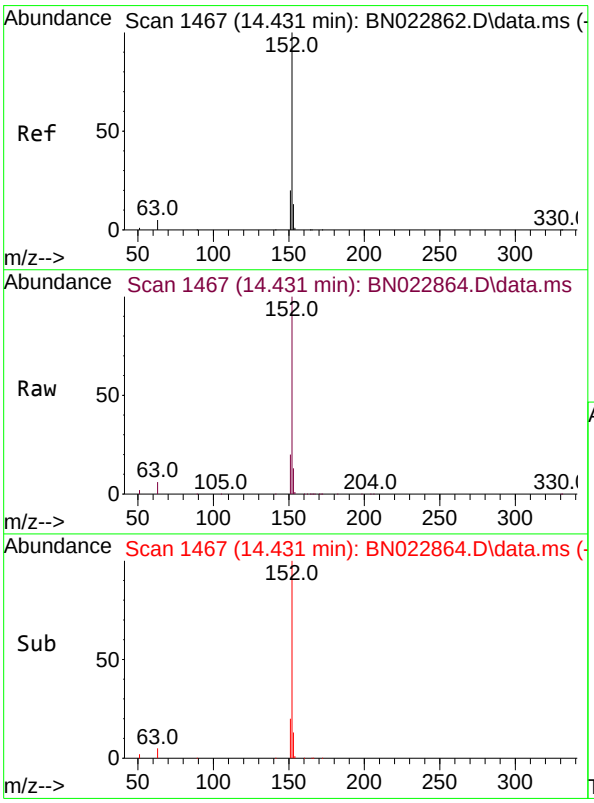
#15
2-Fluorobiphenyl
Concen: 1.652 ng
RT: 13.341 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 82595

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.2	42.4
170	23.6	19.3	28.9

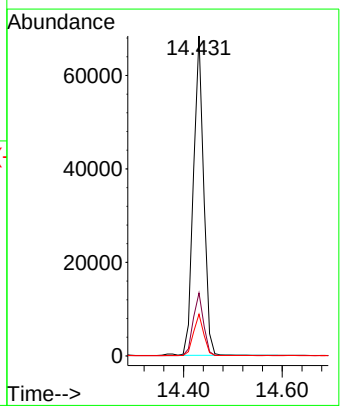


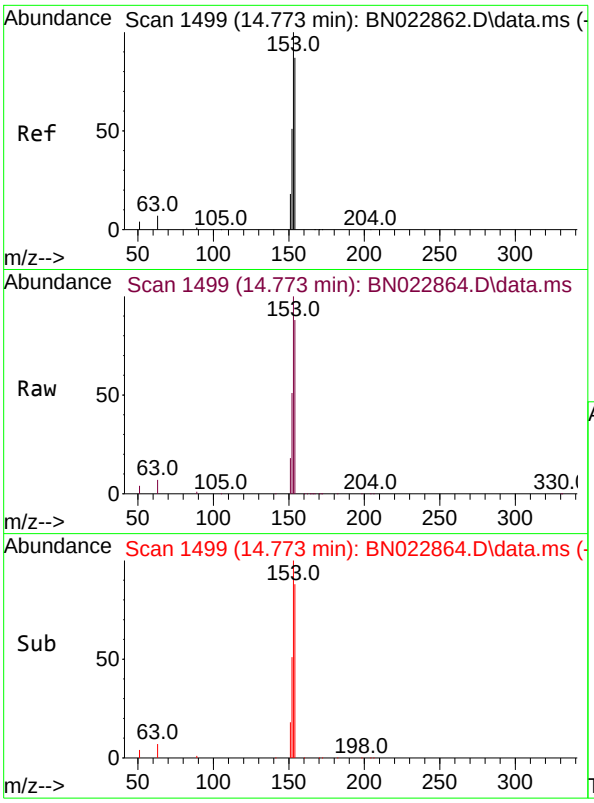


#16
Acenaphthylene
Concen: 1.512 ng
RT: 14.431 min Scan# 1467
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:152 Resp: 98213

Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.1	24.1
153	13.0	10.5	15.7



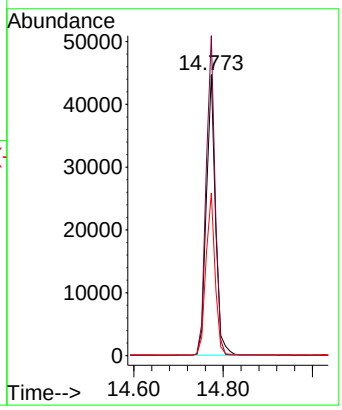


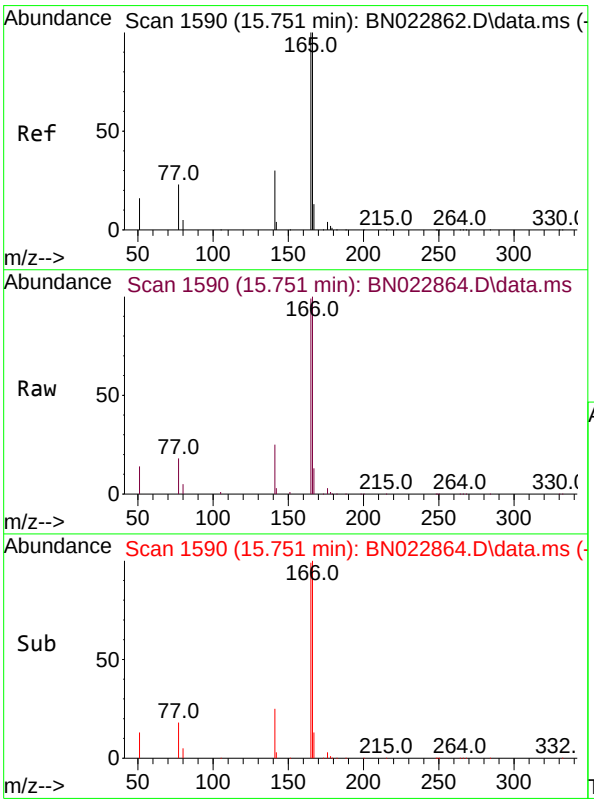
#17
Acenaphthene
Concen: 1.589 ng
RT: 14.773 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 63620

Ion	Ratio	Lower	Upper
154	100		
153	111.7	90.0	135.0
152	58.0	47.0	70.6

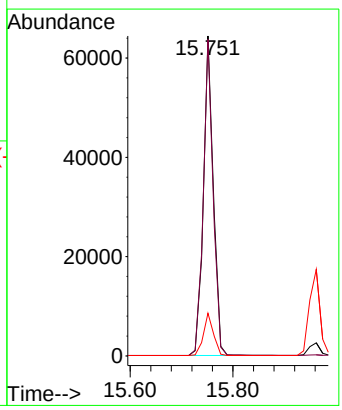


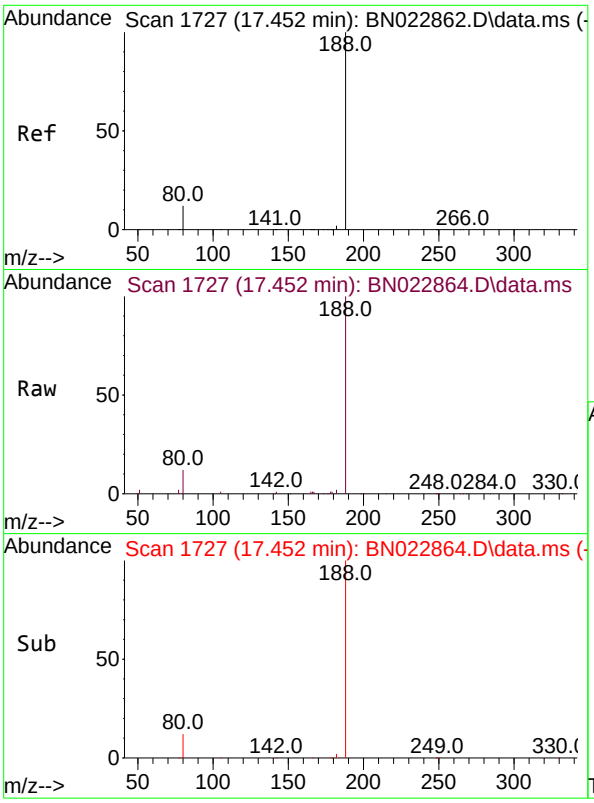


#18
Fluorene
Concen: 1.633 ng
RT: 15.751 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:166 Resp: 84337

Ion	Ratio	Lower	Upper
166	100		
165	97.7	79.4	119.0
167	13.5	10.7	16.1



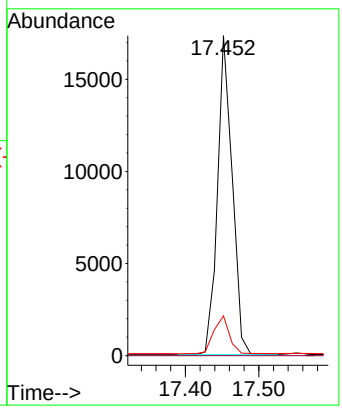


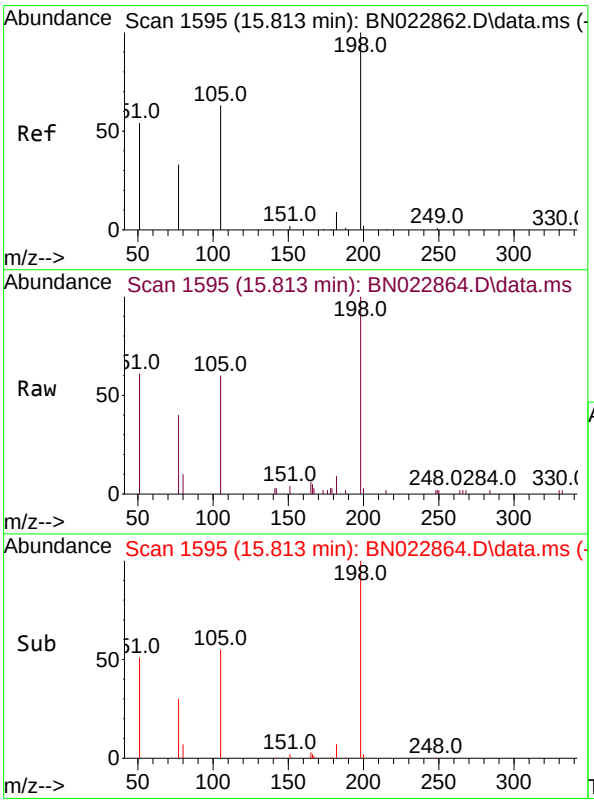
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.452 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 24323

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

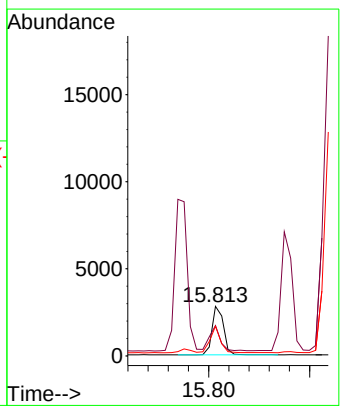


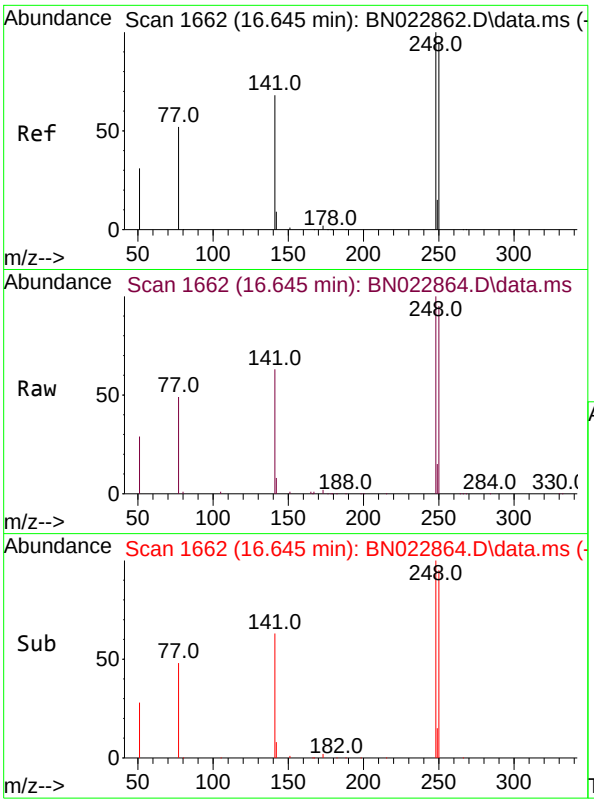


#20
4,6-Dinitro-2-methylphenol
Concen: 2.019 ng
RT: 15.813 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:198 Resp: 4359

Ion	Ratio	Lower	Upper
198	100		
51	61.4	80.5	120.7#
105	59.9	70.5	105.7#



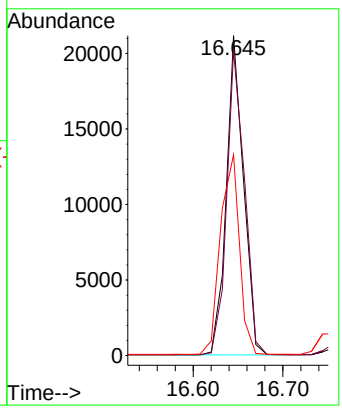


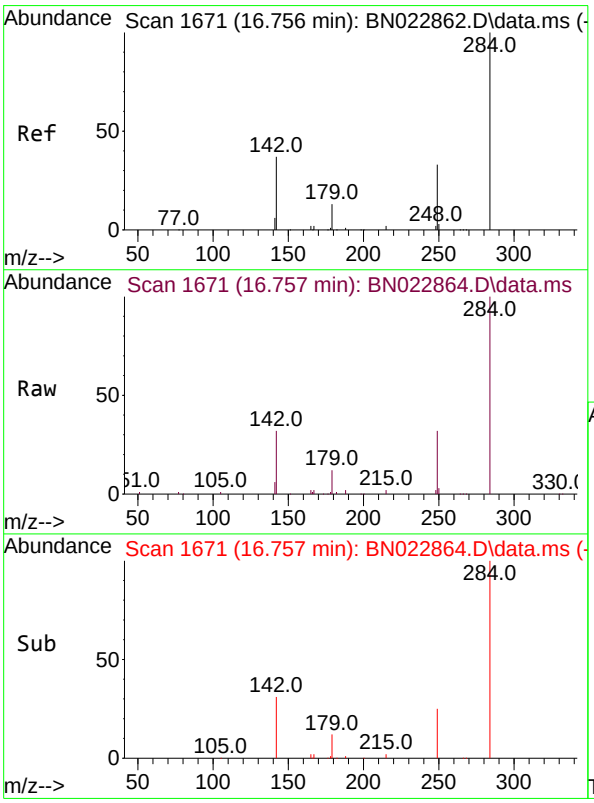
#21
4-Bromophenyl-phenylether
Concen: 1.560 ng
RT: 16.645 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:248 Resp: 28201

Ion	Ratio	Lower	Upper
248	100		
250	95.4	75.8	113.6
141	62.8	55.4	83.0

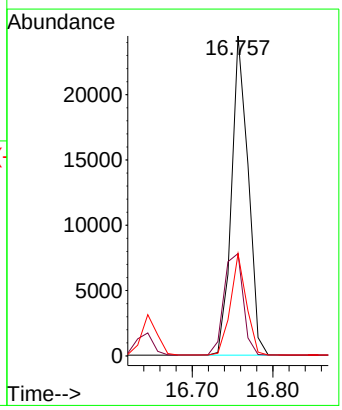


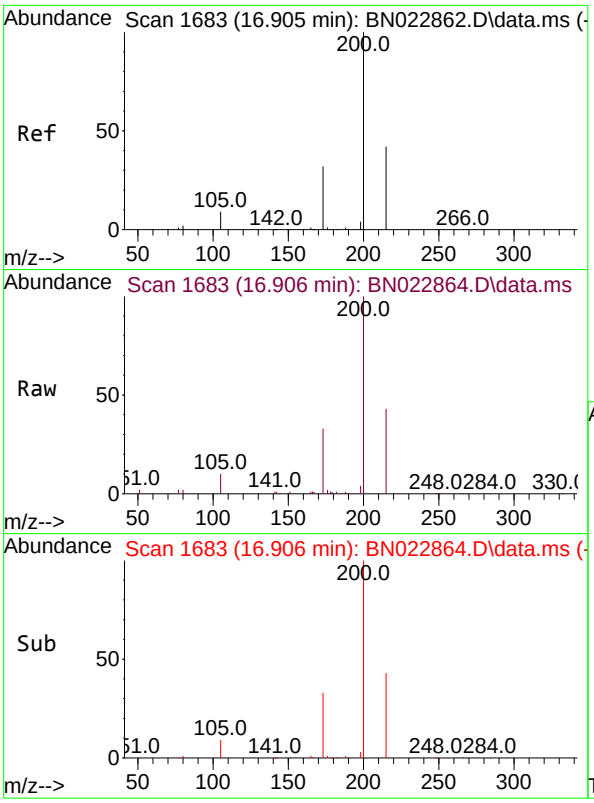


#22
Hexachlorobenzene
Concen: 1.659 ng
RT: 16.757 min Scan# 1671
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:284 Resp: 34893

Ion	Ratio	Lower	Upper
284	100		
142	36.9	30.1	45.1
249	30.3	24.5	36.7



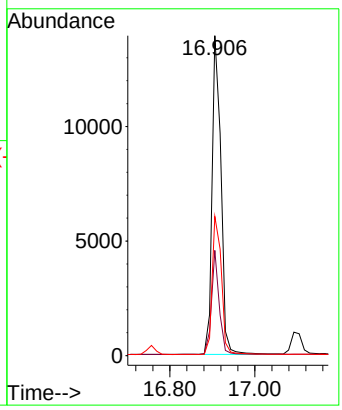


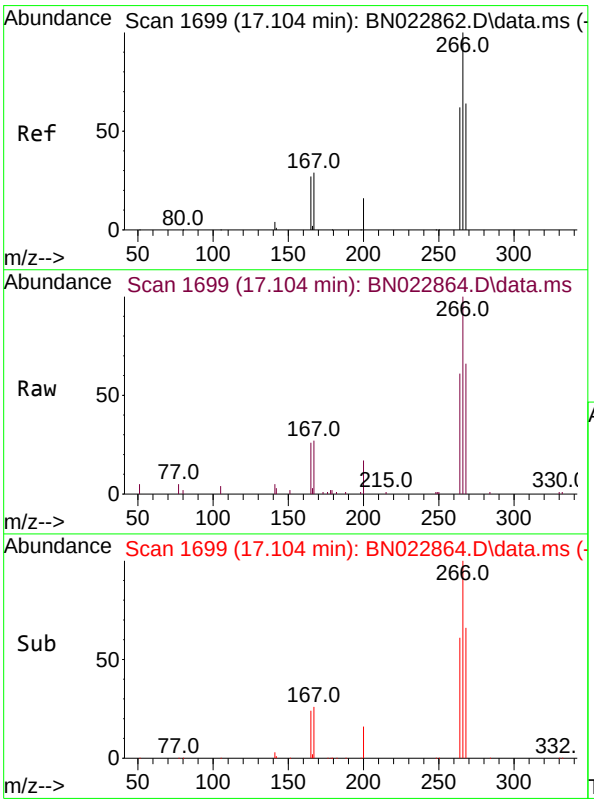
#23
Atrazine
Concen: 1.403 ng
RT: 16.906 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:200 Resp: 20135

Ion	Ratio	Lower	Upper
200	100		
173	32.9	26.4	39.6
215	43.5	34.4	51.6

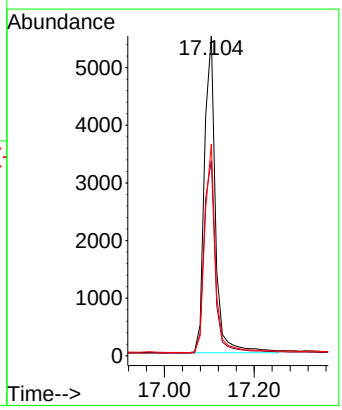


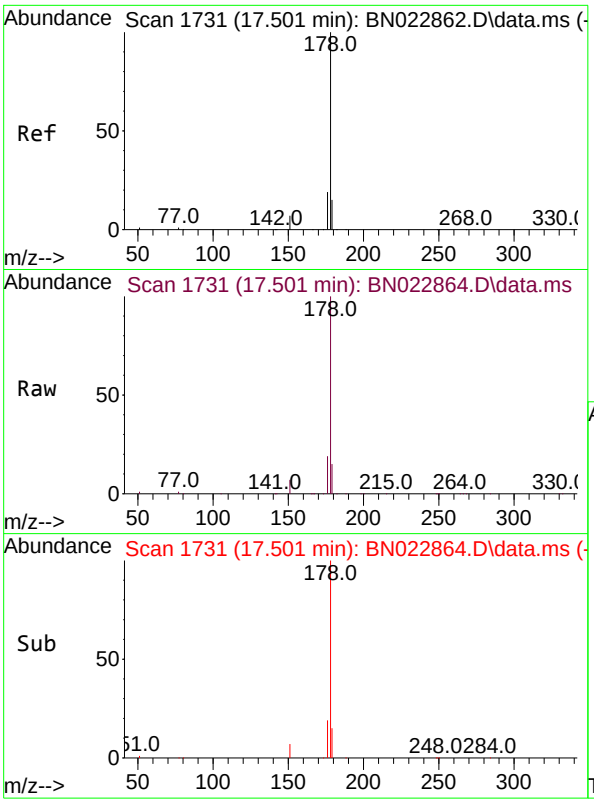


#24
Pentachlorophenol
Concen: 1.440 ng
RT: 17.104 min Scan# 1699
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:266 Resp: 9439

Ion	Ratio	Lower	Upper
266	100		
264	62.4	50.0	75.0
268	64.3	50.9	76.3



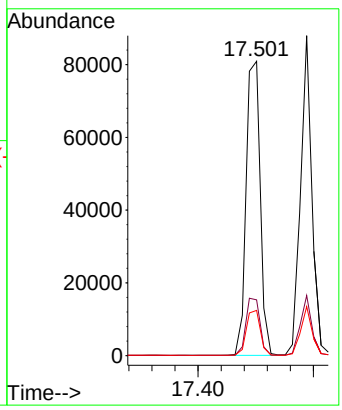


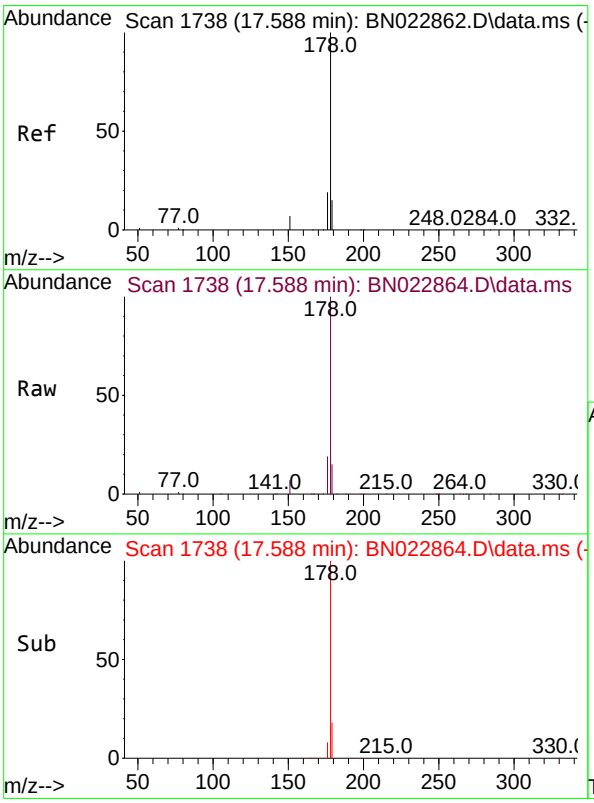
#25
Phenanthrene
Concen: 1.642 ng
RT: 17.501 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 136928

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.6	23.4
179	15.1	12.2	18.2

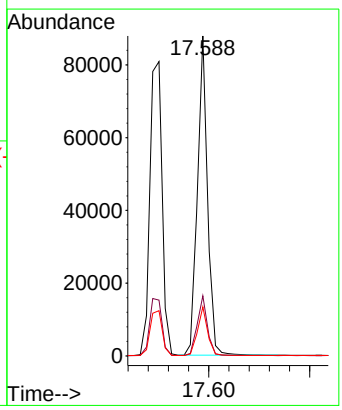


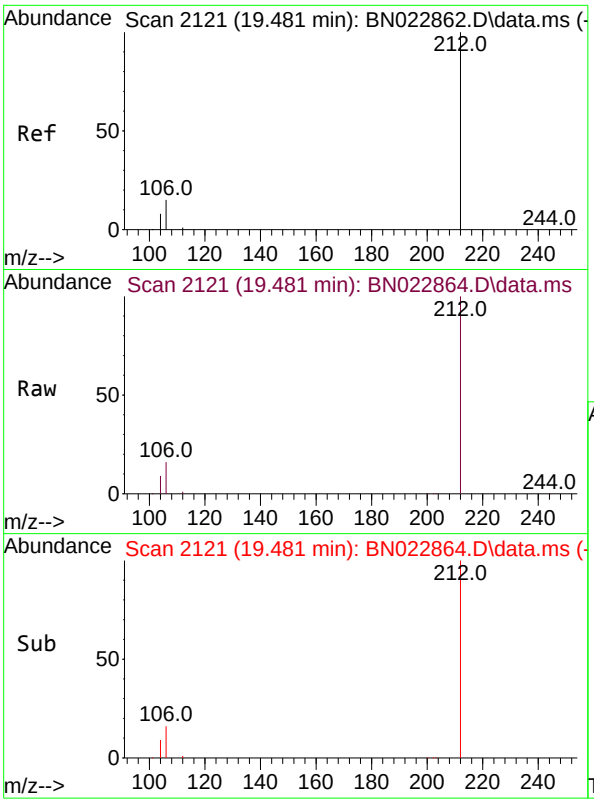


#26
Anthracene
Concen: 1.541 ng
RT: 17.588 min Scan# 1738
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:178 Resp: 121315

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.2	22.8
179	15.2	12.2	18.2



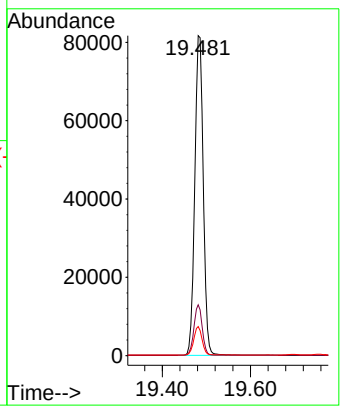


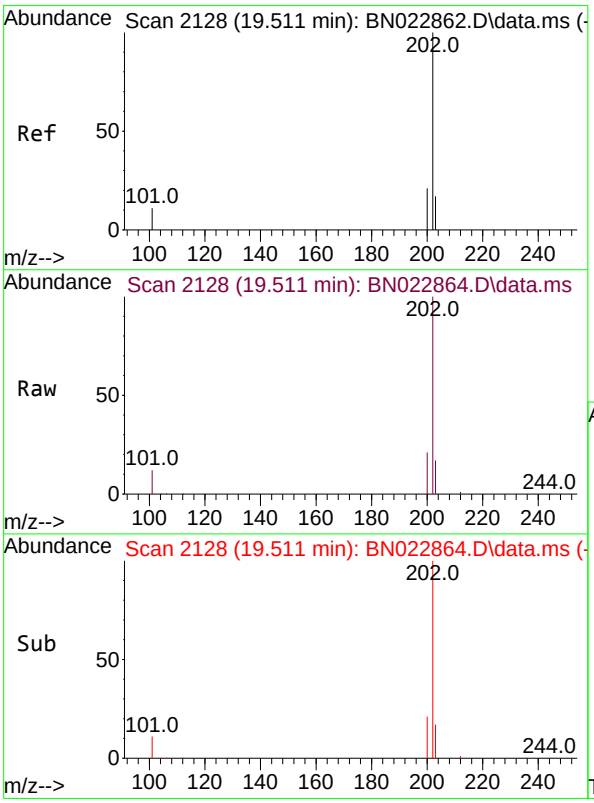
#27
Fluoranthene-d10
Concen: 1.524 ng
RT: 19.481 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 109043

Ion	Ratio	Lower	Upper
212	100		
106	15.4	12.3	18.5
104	8.7	7.0	10.4

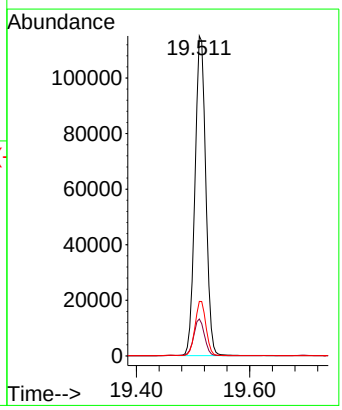


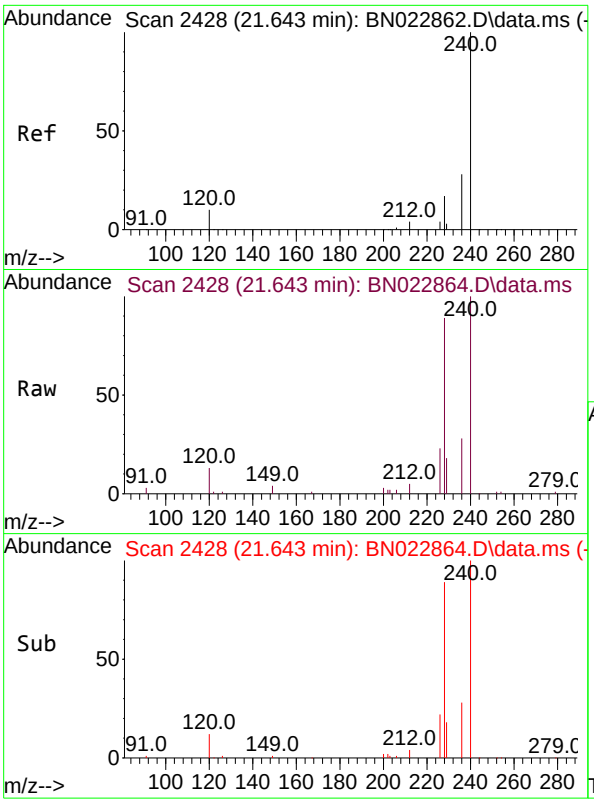


#28
Fluoranthene
Concen: 1.601 ng
RT: 19.511 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:202 Resp: 151244

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
203	17.2	13.7	20.5



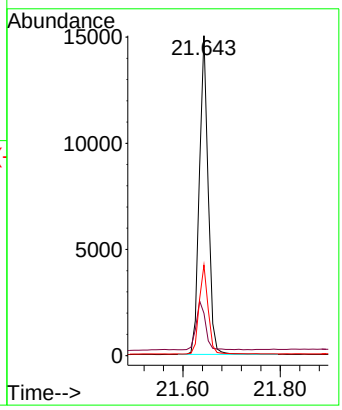


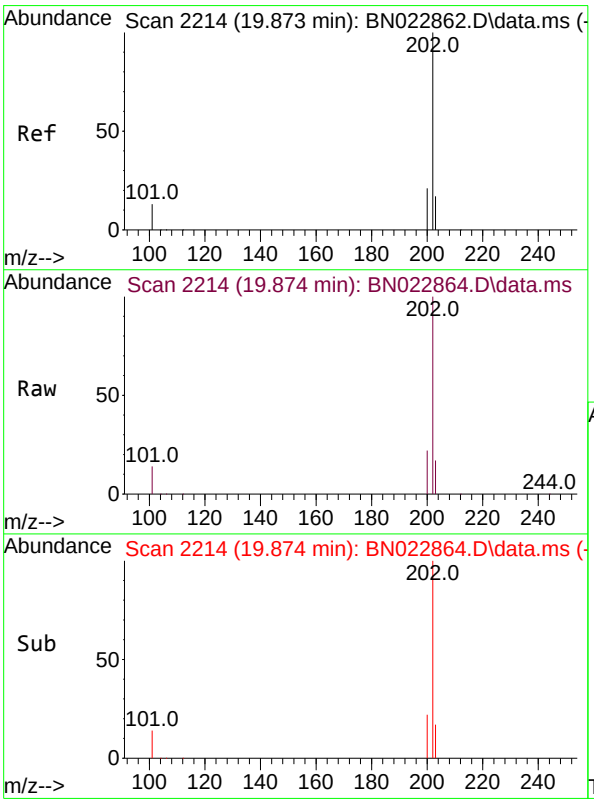
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 18976

Ion	Ratio	Lower	Upper
240	100		
120	13.2	9.2	13.8
236	28.3	22.6	34.0

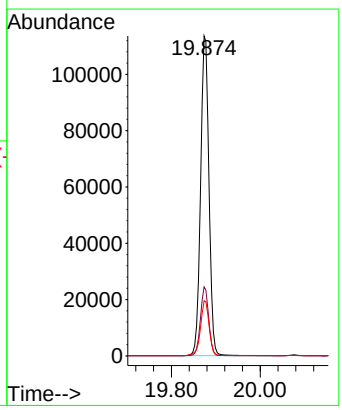


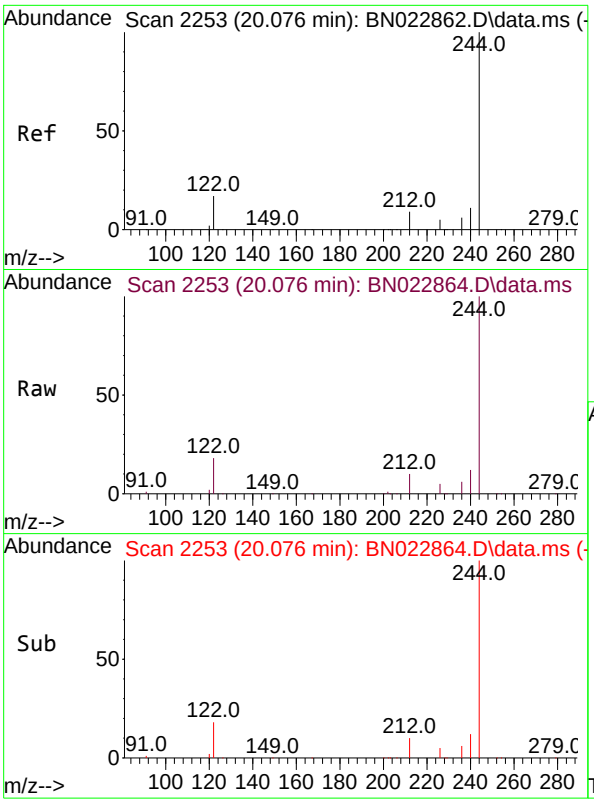


#30
Pyrene
Concen: 1.847 ng
RT: 19.874 min Scan# 2214
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:202 Resp: 161468

Ion	Ratio	Lower	Upper
202	100		
200	19.5	17.0	25.4
203	16.2	14.2	21.2



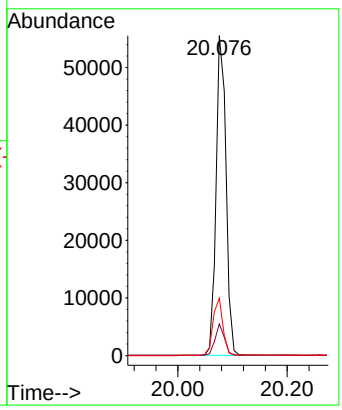


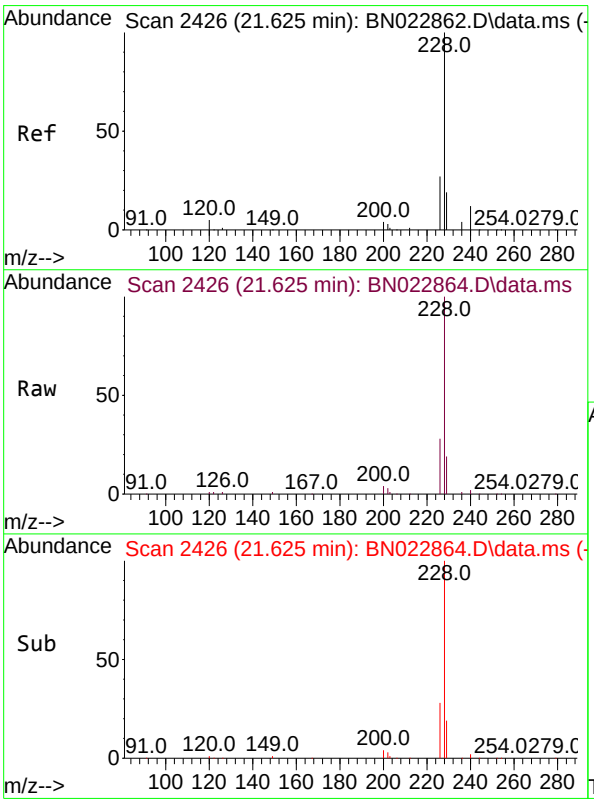
#31
Terphenyl-d14
Concen: 1.580 ng
RT: 20.076 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 67982

Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.9	11.9
122	17.9	13.9	20.9

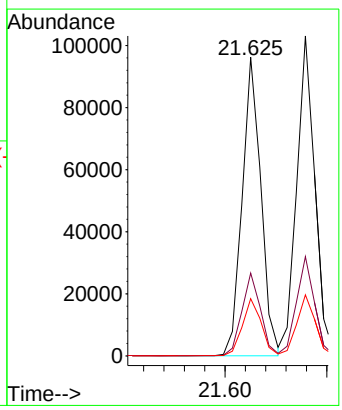


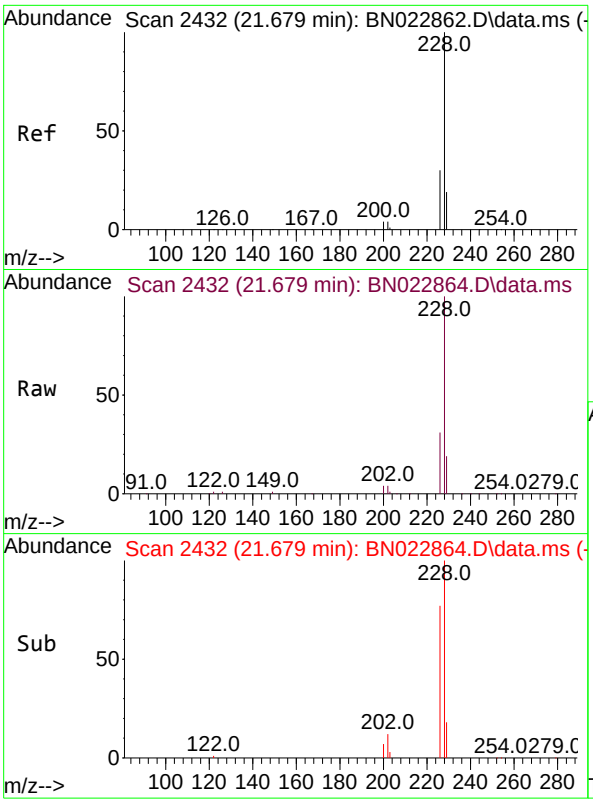


#32
Benzo(a)anthracene
Concen: 1.564 ng
RT: 21.625 min Scan# 2426
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:228 Resp: 123414

Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.1	33.1
229	19.1	15.8	23.6



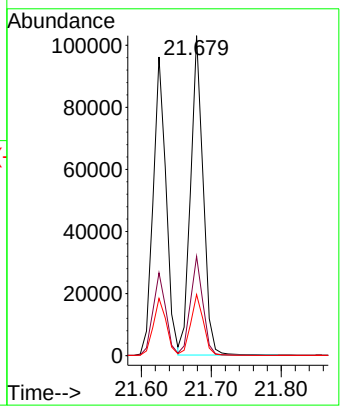


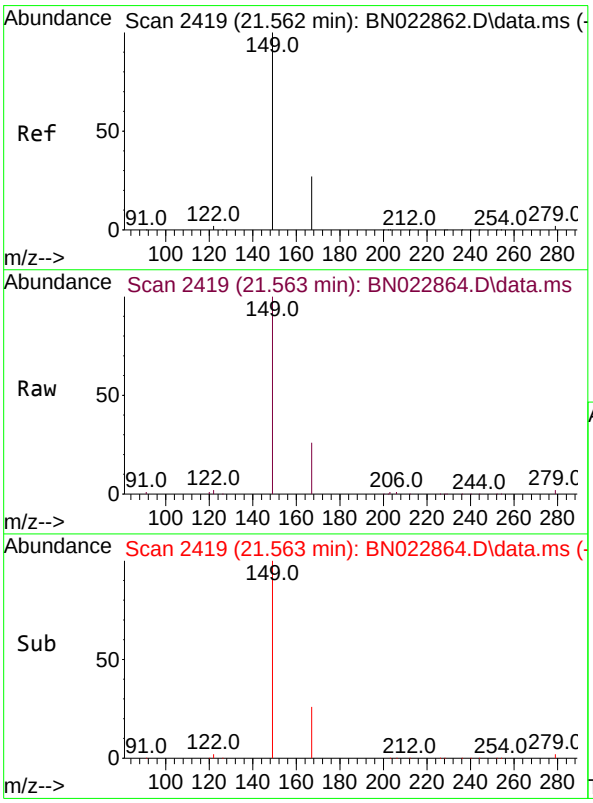
#33
Chrysene
Concen: 1.665 ng
RT: 21.679 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 127853

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	19.1	15.8	23.6

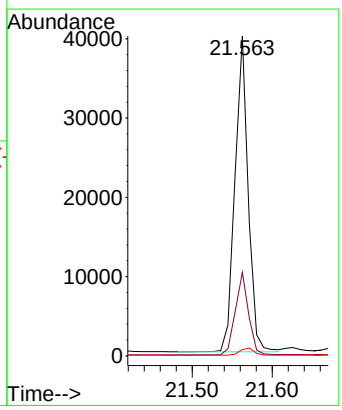


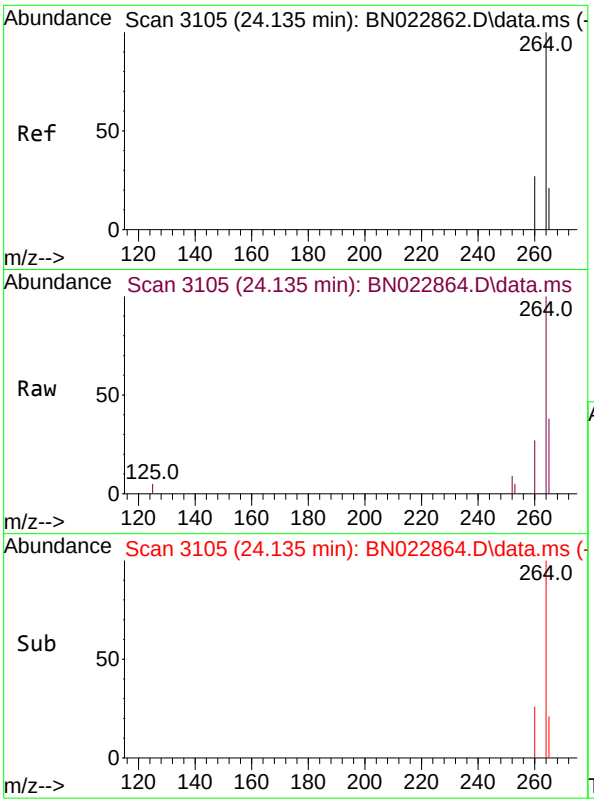


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.977 ng
RT: 21.563 min Scan# 2419
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:149 Resp: 45812

Ion	Ratio	Lower	Upper
149	100		
167	26.1	21.3	31.9
279	2.5	2.3	3.5



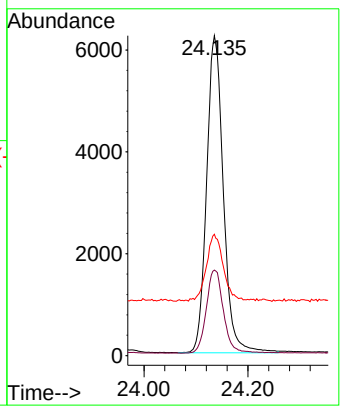


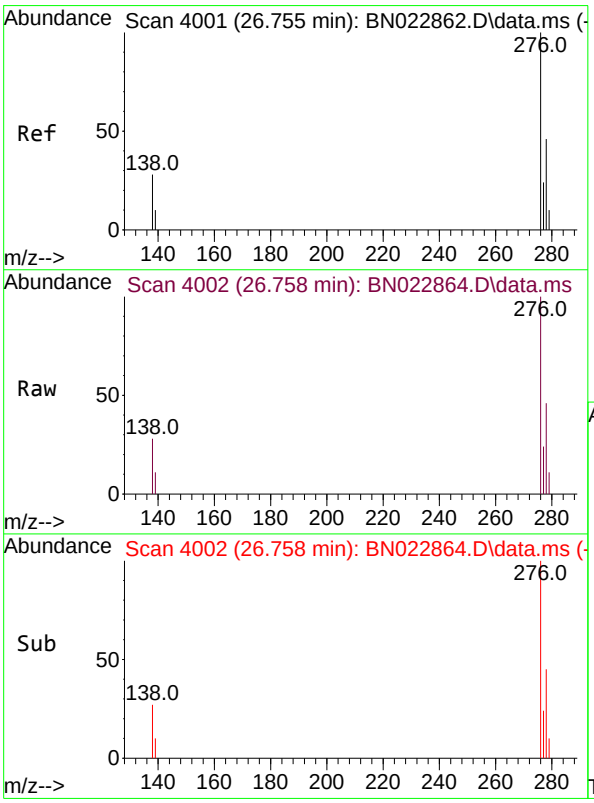
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.135 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:264 Resp: 13917

Ion	Ratio	Lower	Upper
264	100		
260	26.8	21.7	32.5
265	37.9	31.0	46.4

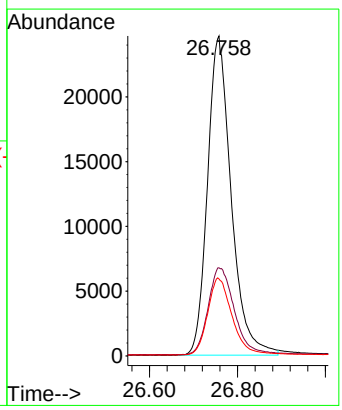


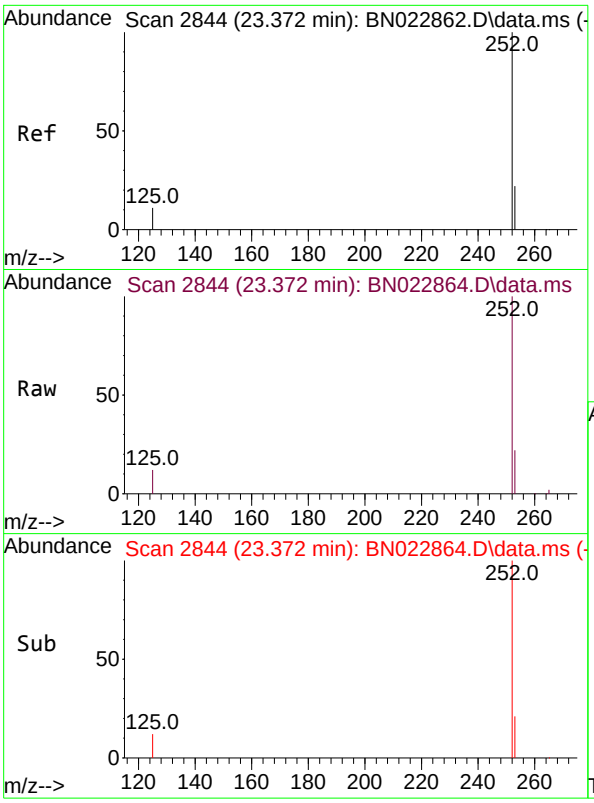


#36
Indeno(1,2,3-cd)pyrene
Concen: 1.454 ng
RT: 26.758 min Scan# 4002
Delta R.T. 0.003 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:276 Resp: 92256

Ion	Ratio	Lower	Upper
276	100		
138	30.1	24.4	36.6
277	24.9	19.9	29.9



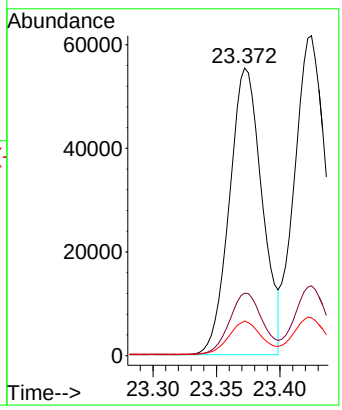


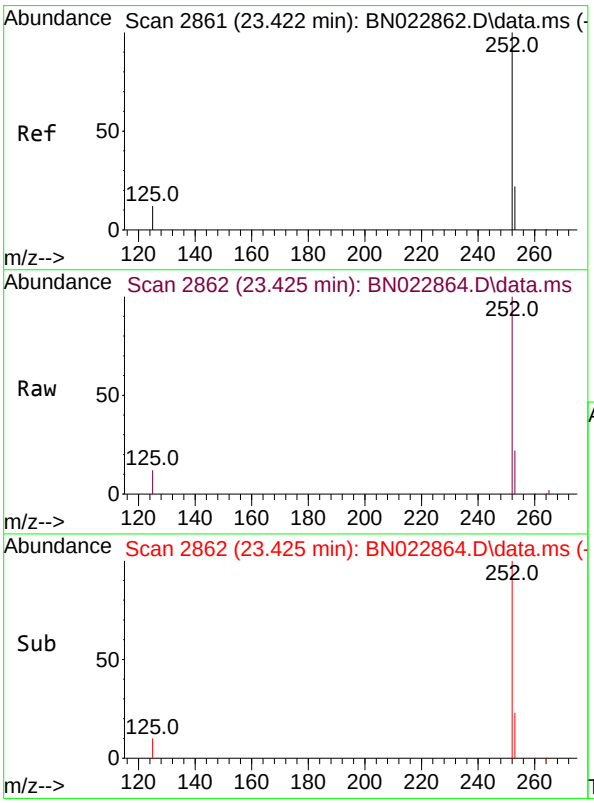
#37
Benzo(b)fluoranthene
Concen: 1.734 ng
RT: 23.372 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 99306

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.5	27.7
125	12.0	10.8	16.2

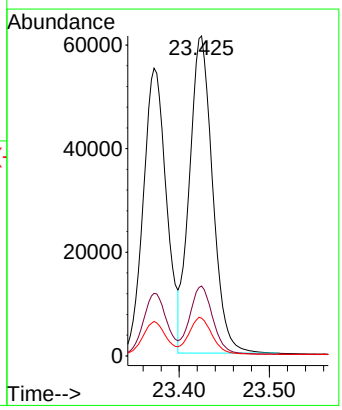


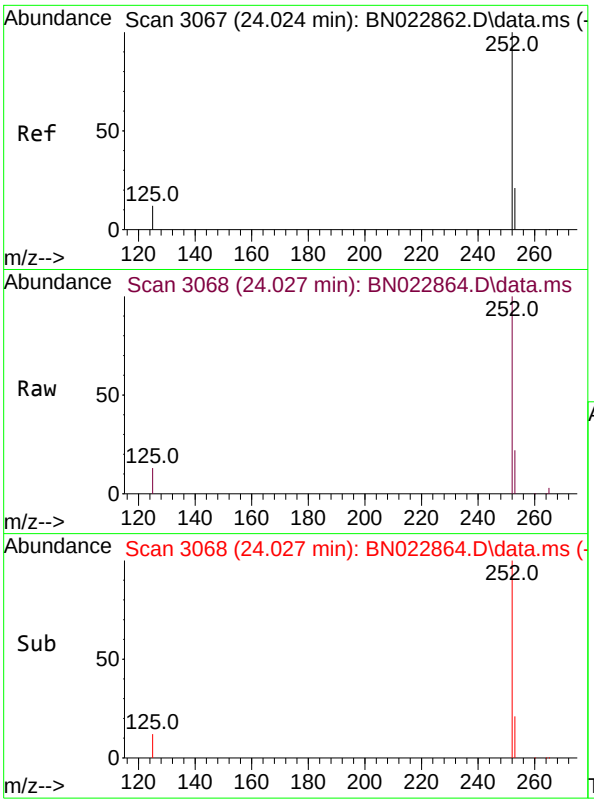


#38
Benzo(k)fluoranthene
Concen: 1.861 ng
RT: 23.425 min Scan# 2862
Delta R.T. 0.003 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:252 Resp: 109186

Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.6	27.8
125	11.8	11.0	16.4



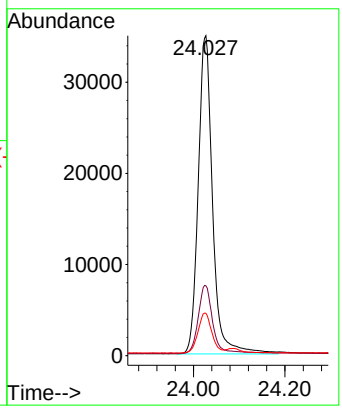


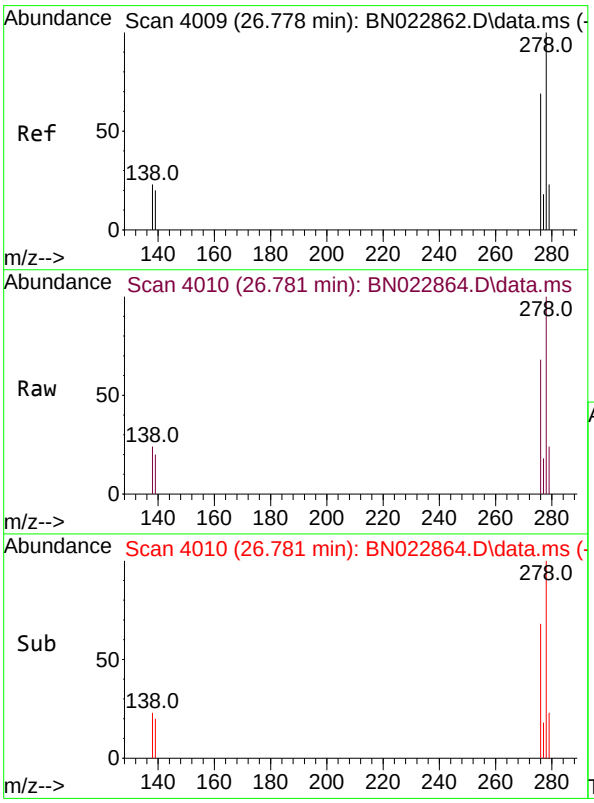
#39
Benzo(a)pyrene
Concen: 1.619 ng
RT: 24.027 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 76094

Ion	Ratio	Lower	Upper
252	100		
253	21.8	19.2	28.8
125	13.2	12.7	19.1

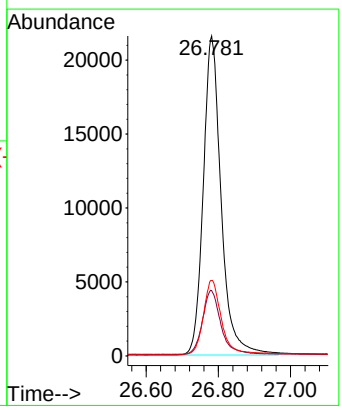


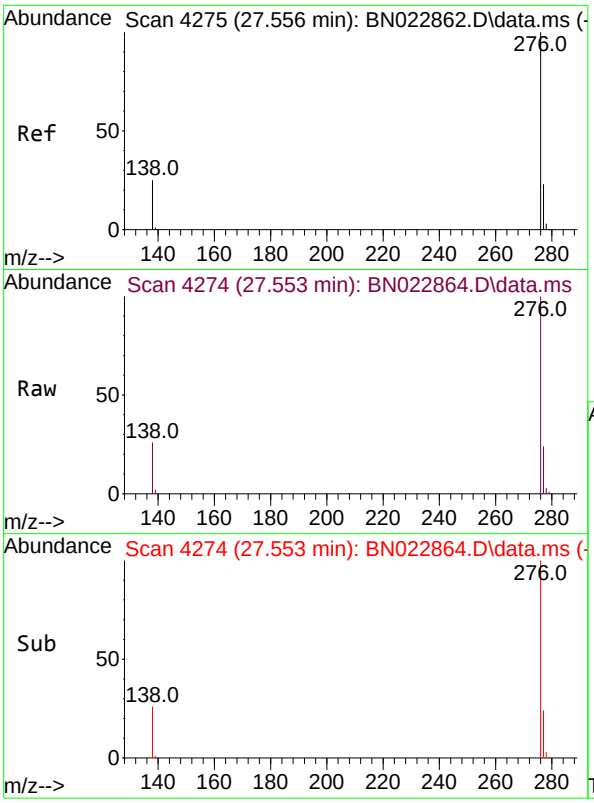


#40
Dibenzo(a,h)anthracene
Concen: 1.494 ng
RT: 26.781 min Scan# 4010
Delta R.T. 0.003 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Tgt Ion:278 Resp: 74146

Ion	Ratio	Lower	Upper
278	100		
139	20.4	17.4	26.0
279	23.6	20.0	30.0





#41
Benzo(g,h,i)perylene
Concen: 1.473 ng
RT: 27.553 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN022864.D
Acq: 25 Nov 2022 17:18

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 77375

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.7	29.5
138	26.0	21.4	32.2