Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025392.D
Acq On : 11 May 2023 09:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 12 00:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:30:55 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.897	152	8845	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	28627	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	16420	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	34374	0.400	ng		0.00
29) Chrysene-d12	21.495	240	24530	0.400	ng		0.00
35) Perylene-d12	23.932	264	23667	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	9389	0.458	ng		0.00
5) Phenol-d6	7.073	99	12855	0.462	ng		0.00
8) Nitrobenzene-d5	9.073	82	10116	0.437	ng		-0.01
11) 2-Methylnaphthalene-d10	12.302	152	16239	0.430	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	3753	0.428	ng		-0.01
15) 2-Fluorobiphenyl	13.165	172	24828	0.435	ng		-0.01
27) Fluoranthene-d10	19.329	212	33730	0.429	ng		0.00
31) Terphenyl-d14	19.924	244	27395	0.464	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	3683	0.451	ng		98
3) n-Nitrosodimethylamine	3.650	42	5761	0.440	ng		100
6) bis(2-Chloroethyl)ether	7.326	93	9868	0.464	ng		95
9) Naphthalene	10.760	128	31712	0.440	ng		100
10) Hexachlorobutadiene	11.038	225	6126	0.437	ng	#	100
12) 2-Methylnaphthalene	12.374	142	21293	0.427	ng		97
16) Acenaphthylene	14.266	152	33628	0.441	ng		99
17) Acenaphthene	14.608	154	20420	0.452	ng		99
18) Fluorene	15.592	166	26561	0.444	ng		100
20) 4,6-Dinitro-2-methylph...	15.722	198	269	0.121	ng		92
21) 4-Bromophenyl-phenylether	16.479	248	8466	0.437	ng	#	75
22) Hexachlorobenzene	16.603	284	9238	0.432	ng		99
23) Atrazine	16.752	200	6593	0.419	ng		98
24) Pentachlorophenol	16.963	266	3670	0.372	ng		97
25) Phenanthrene	17.336	178	40362	0.434	ng		99
26) Anthracene	17.435	178	38979	0.432	ng		100
28) Fluoranthene	19.363	202	46246	0.429	ng		100
30) Pyrene	19.726	202	47189	0.456	ng		100
32) Benzo(a)anthracene	21.477	228	37454	0.448	ng		99
33) Chrysene	21.531	228	37323	0.460	ng		99
34) Bis(2-ethylhexyl)phtha...	21.387	149	36434	0.452	ng		100
36) Indeno(1,2,3-cd)pyrene	26.475	276	36834	0.423	ng		98
37) Benzo(b)fluoranthene	23.189	252	32504	0.419	ng		98
38) Benzo(k)fluoranthene	23.236	252	34041	0.426	ng		96
39) Benzo(a)pyrene	23.829	252	31696	0.419	ng		99
40) Dibenzo(a,h)anthracene	26.487	278	29676	0.428	ng		99
41) Benzo(g,h,i)perylene	27.253	276	31285	0.427	ng		97

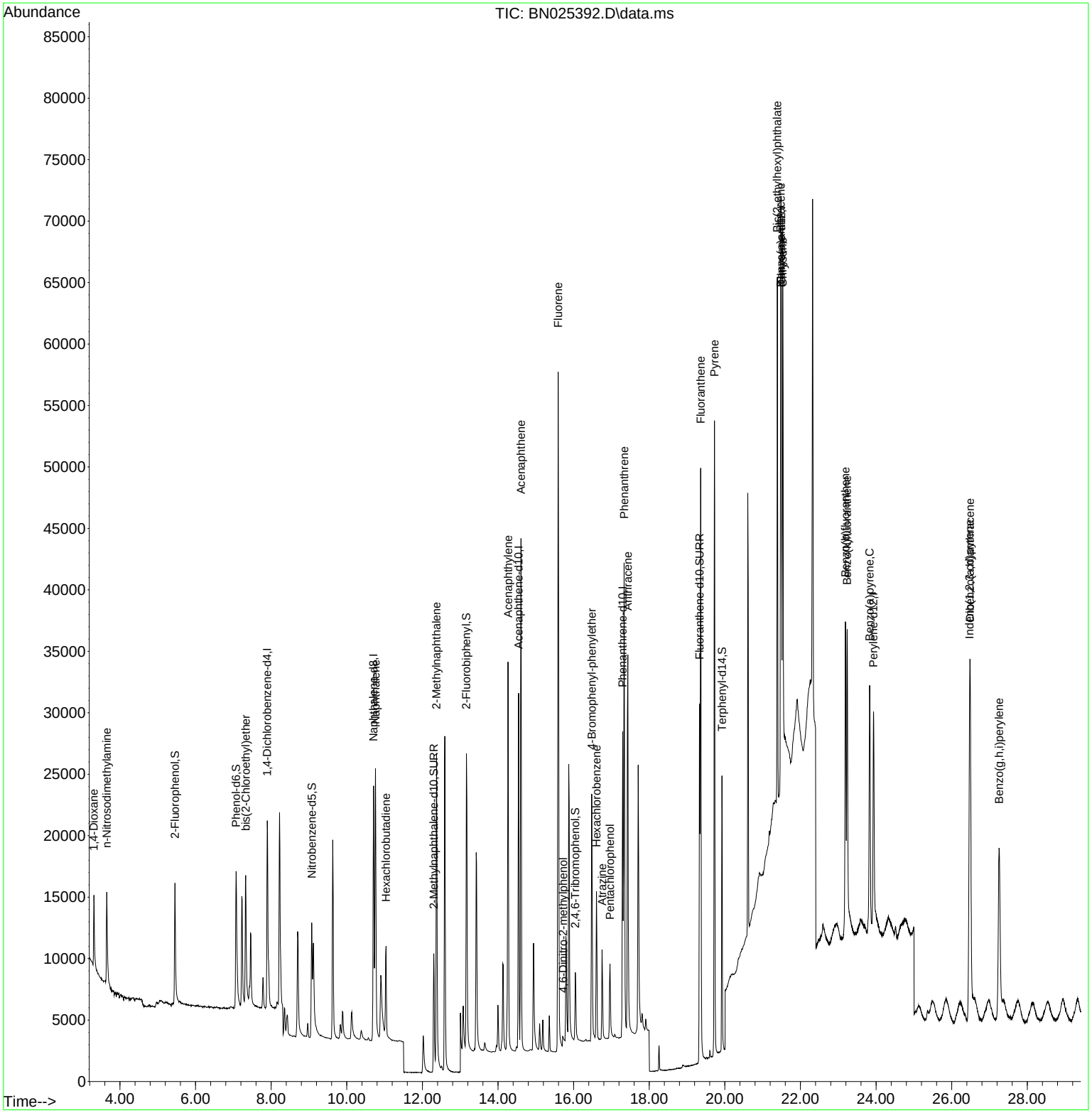
(#) = qualifier out of range (m) = manual integration (+) = signals summed

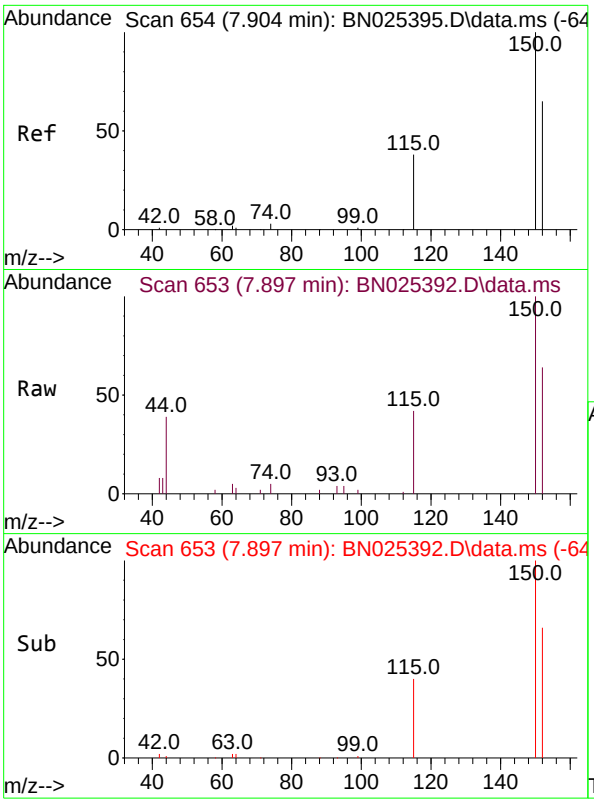
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025392.D
Acq On : 11 May 2023 09:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 12 00:40:52 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:30:55 2023
Response via : Initial Calibration



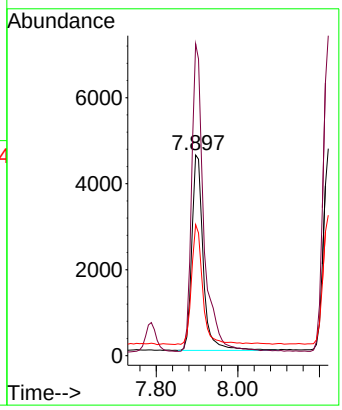


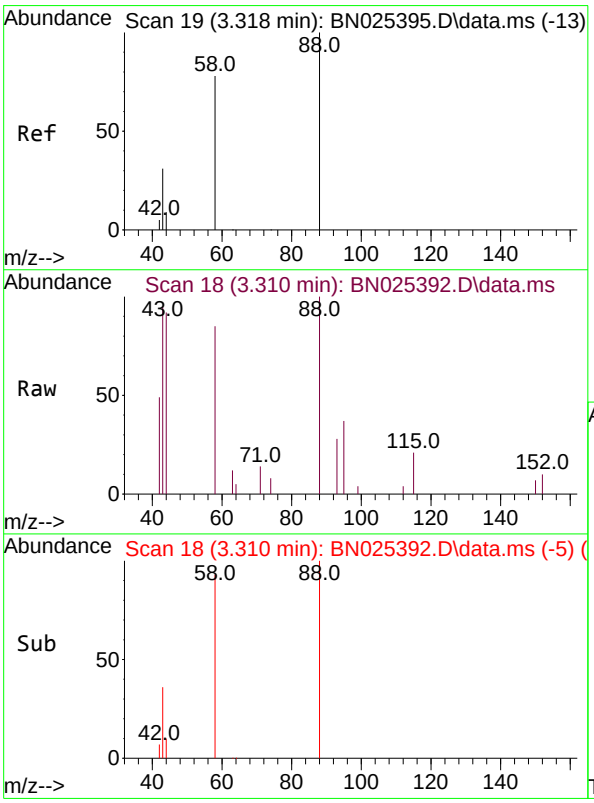
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.897 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 8845

Ion	Ratio	Lower	Upper
152	100		
150	155.4	121.4	182.2
115	65.3	50.6	76.0

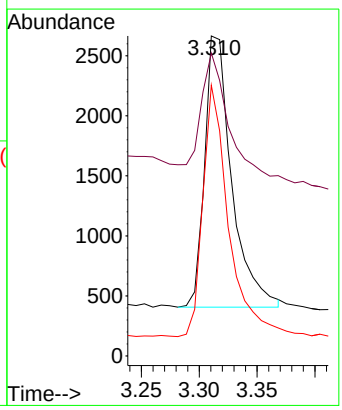


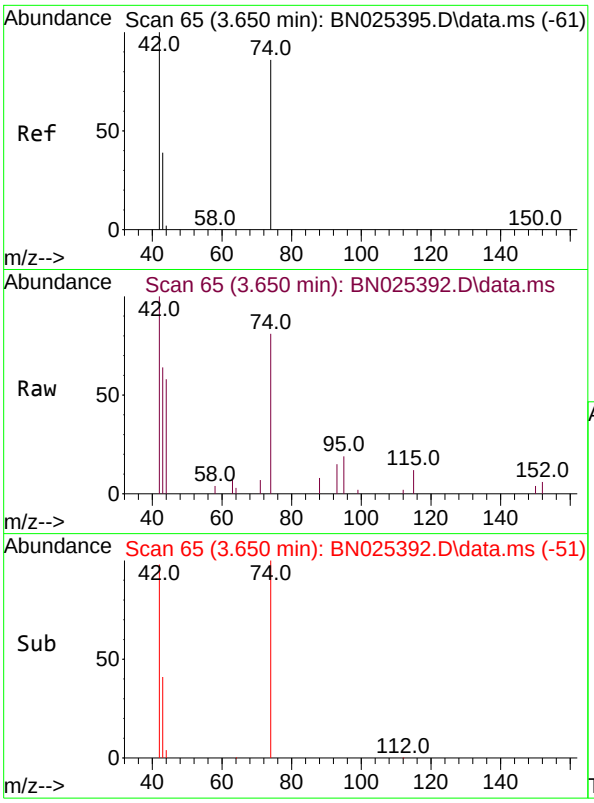


#2
1,4-Dioxane
Concen: 0.451 ng
RT: 3.310 min Scan# 18
Delta R.T. -0.007 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion: 88 Resp: 3683

Ion	Ratio	Lower	Upper
88	100		
43	44.3	37.4	56.2
58	87.7	71.5	107.3



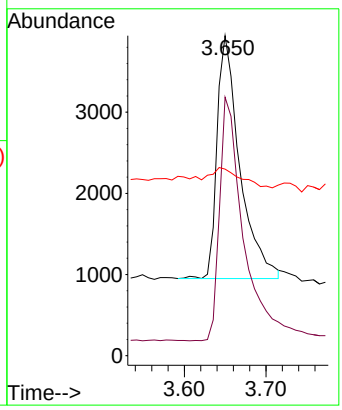


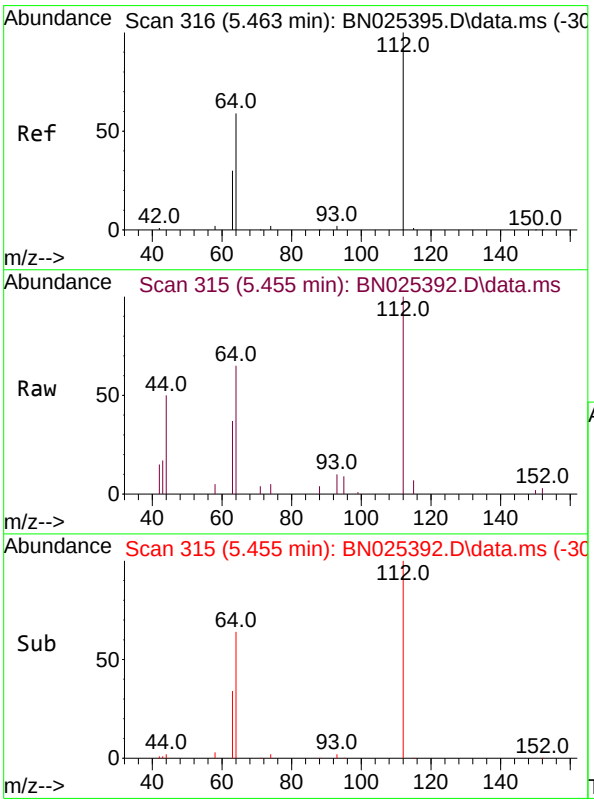
#3
n-Nitrosodimethylamine
Concen: 0.440 ng
RT: 3.650 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 5761

Ion	Ratio	Lower	Upper
42	100		
74	102.9	82.2	123.4
44	10.7	7.8	11.8

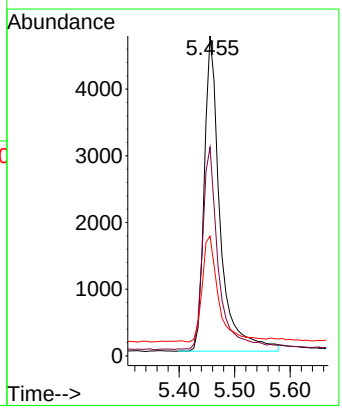


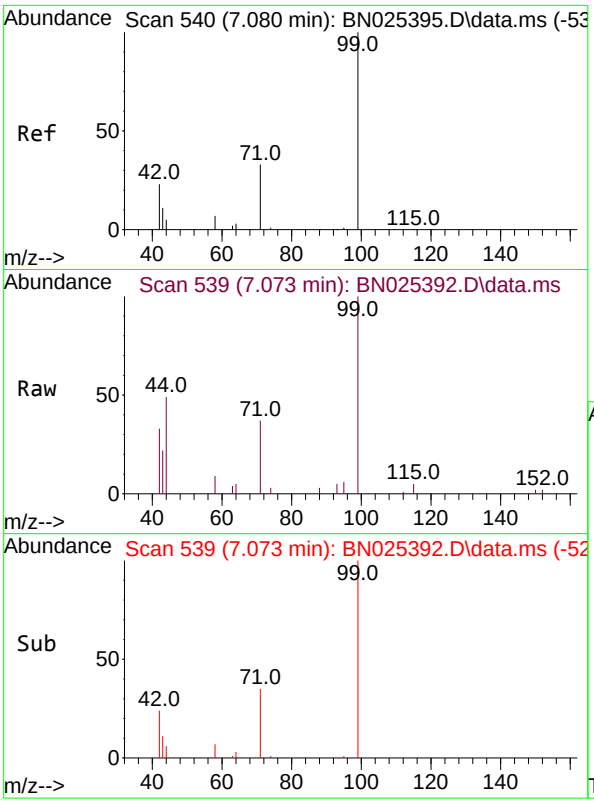


#4
2-Fluorophenol
Concen: 0.458 ng
RT: 5.455 min Scan# 315
Delta R.T. -0.007 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:112 Resp: 9389

Ion	Ratio	Lower	Upper
112	100		
64	64.6	51.9	77.9
63	34.3	27.4	41.2



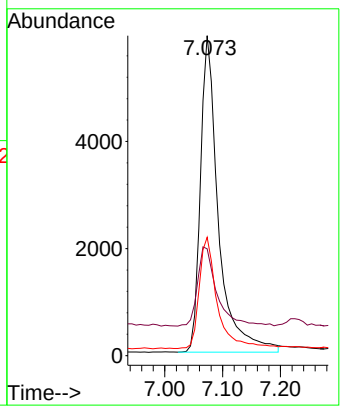


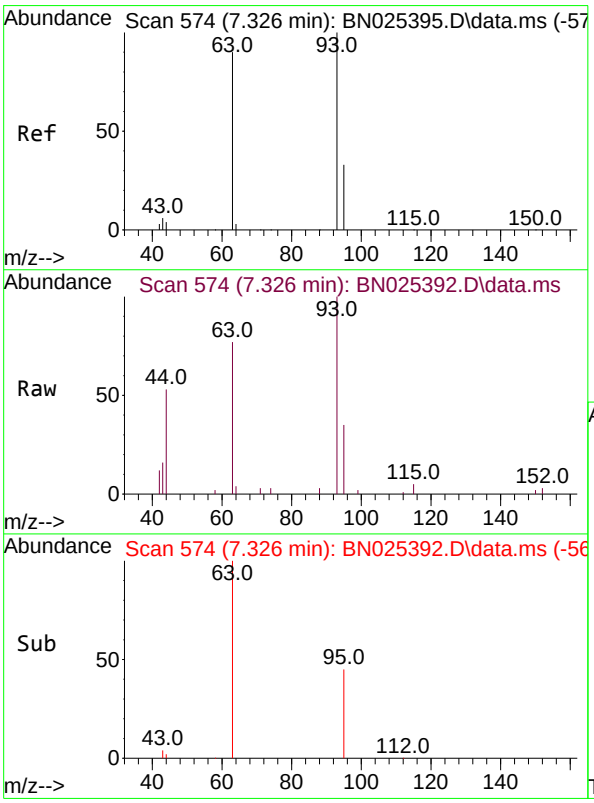
#5
Phenol-d6
Concen: 0.462 ng
RT: 7.073 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 12855

Ion	Ratio	Lower	Upper
99	100		
42	27.0	23.5	35.3
71	35.3	28.1	42.1

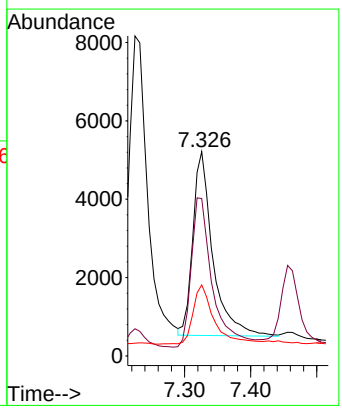


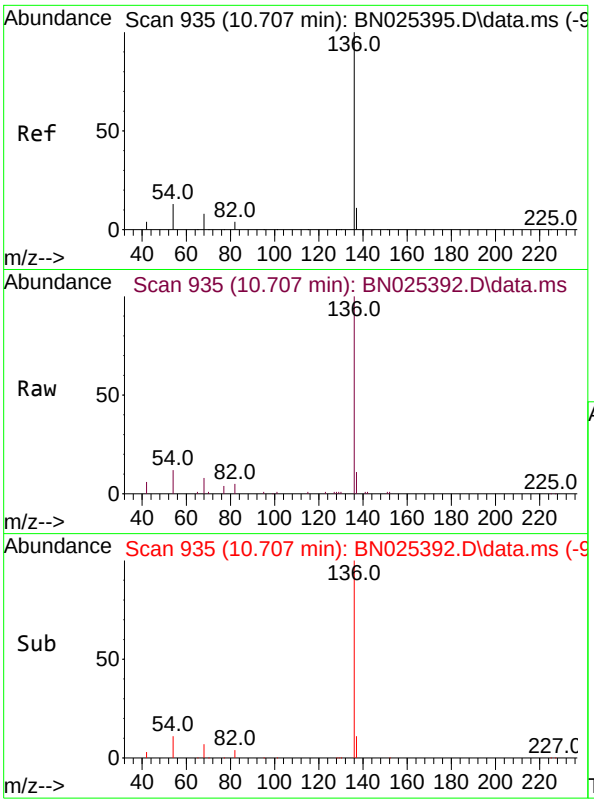


#6
bis(2-Chloroethyl)ether
Concen: 0.464 ng
RT: 7.326 min Scan# 574
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion: 93 Resp: 9868

Ion	Ratio	Lower	Upper
93	100		
63	86.2	71.3	106.9
95	33.7	31.0	46.4



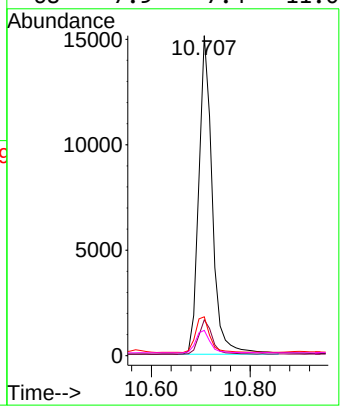


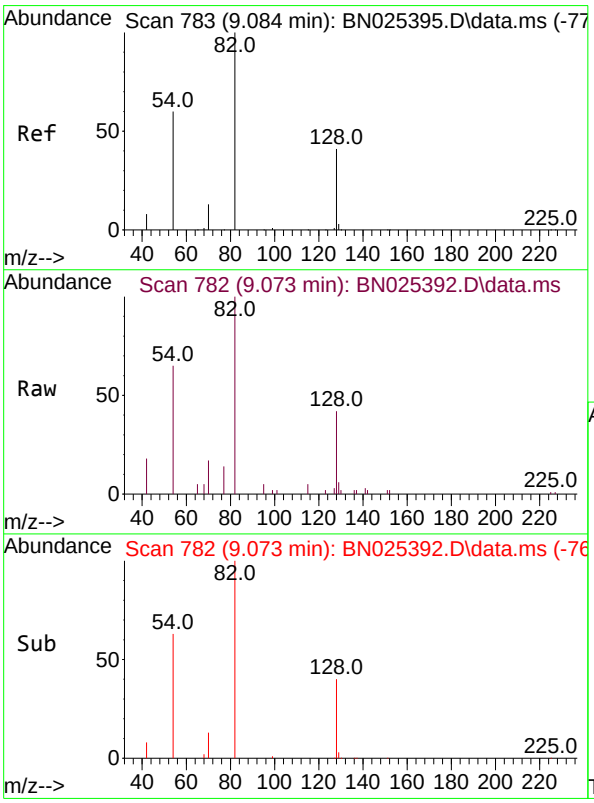
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.707 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 28627

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	12.2	11.2	16.8
68	7.9	7.4	11.0

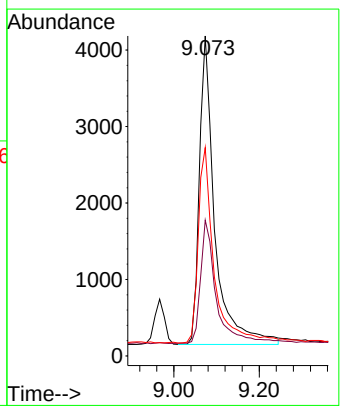


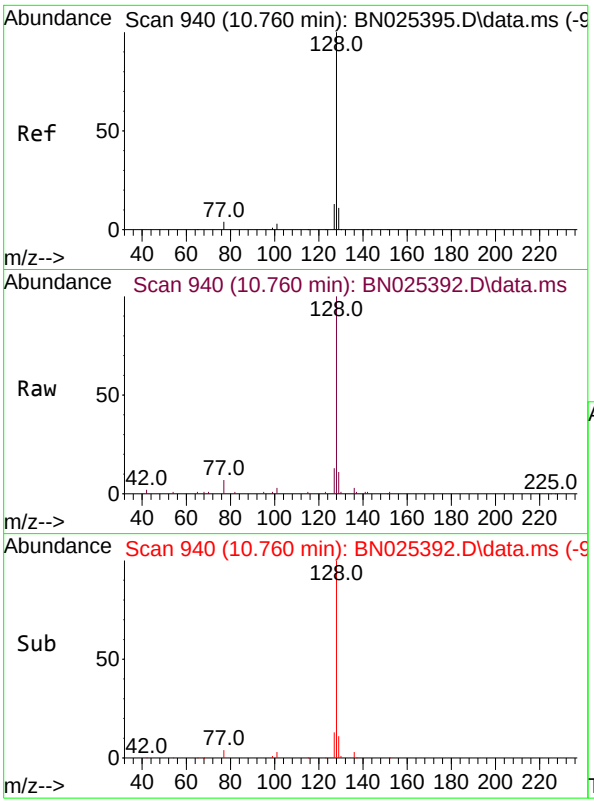


#8
Nitrobenzene-d5
Concen: 0.437 ng
RT: 9.073 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion: 82 Resp: 10116

Ion	Ratio	Lower	Upper
82	100		
128	42.4	35.8	53.8
54	65.1	50.4	75.6



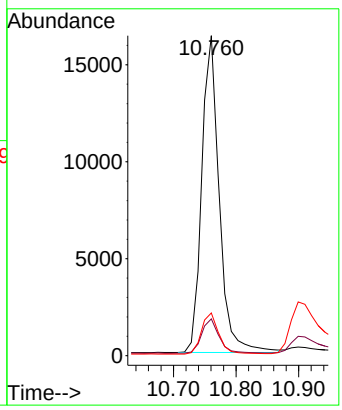


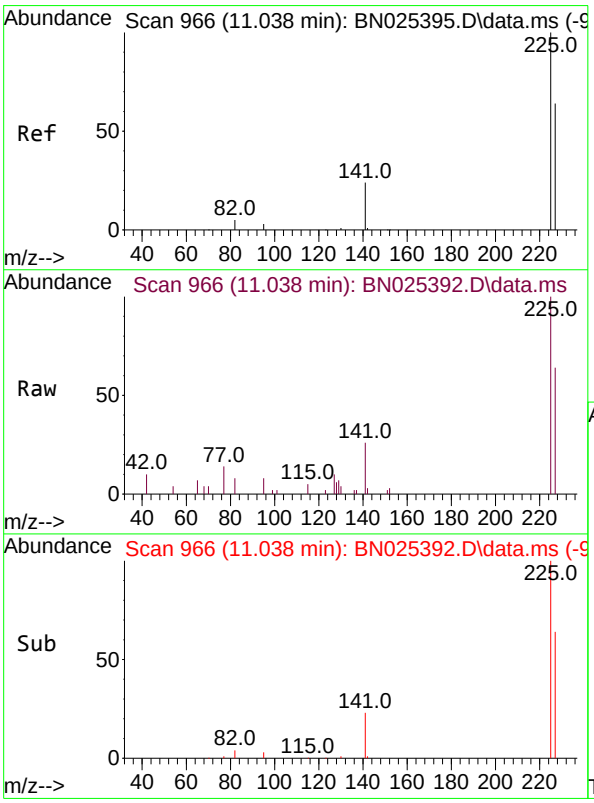
#9
Naphthalene
Concen: 0.440 ng
RT: 10.760 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 31712

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.4	10.8	16.2

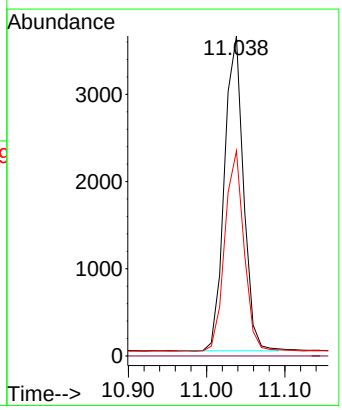


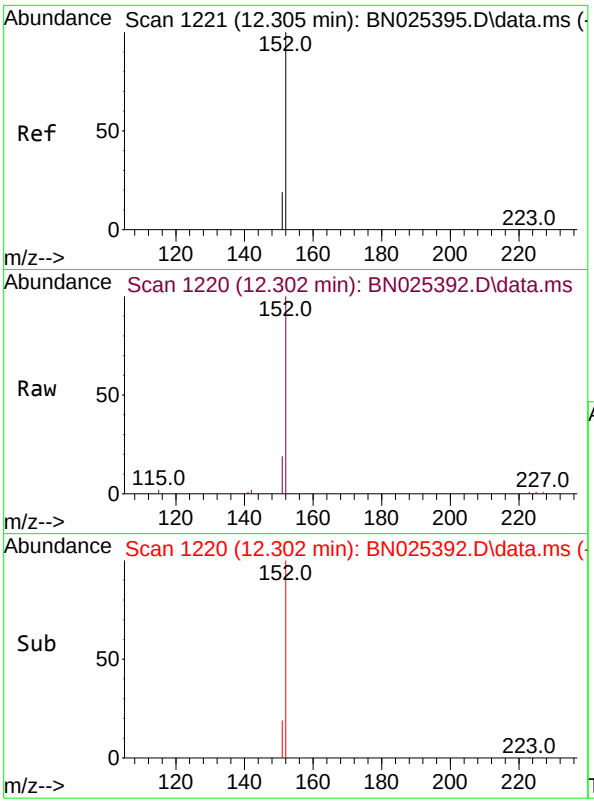


#10
Hexachlorobutadiene
Concen: 0.437 ng
RT: 11.038 min Scan# 966
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:225 Resp: 6126

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.8	76.2



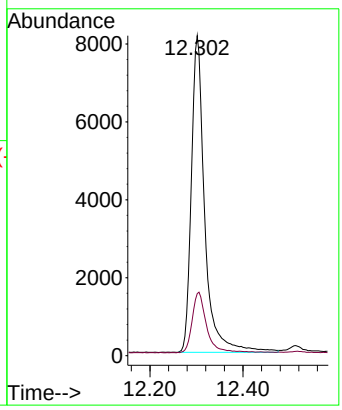


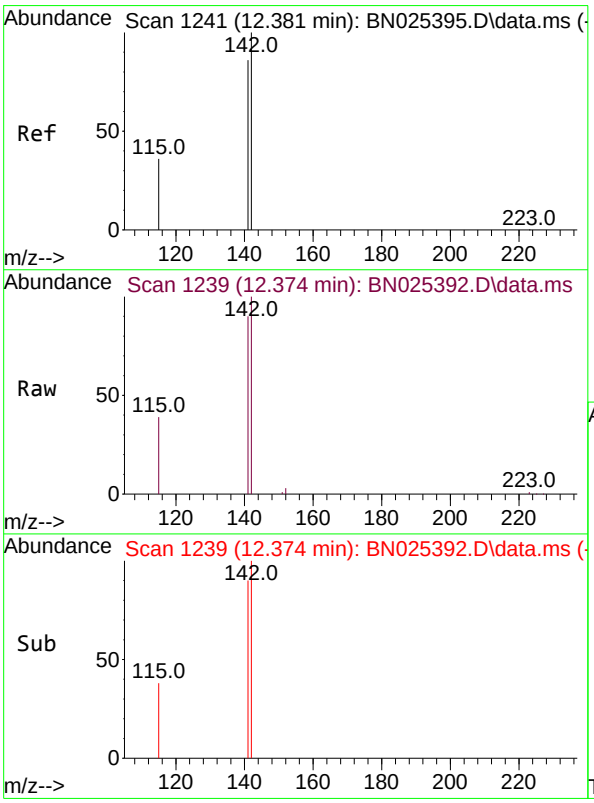
#11
2-Methylnaphthalene-d10
Concen: 0.430 ng
RT: 12.302 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 16239

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1

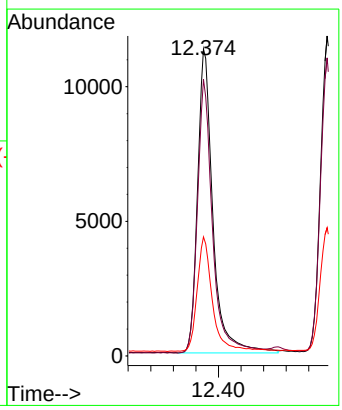


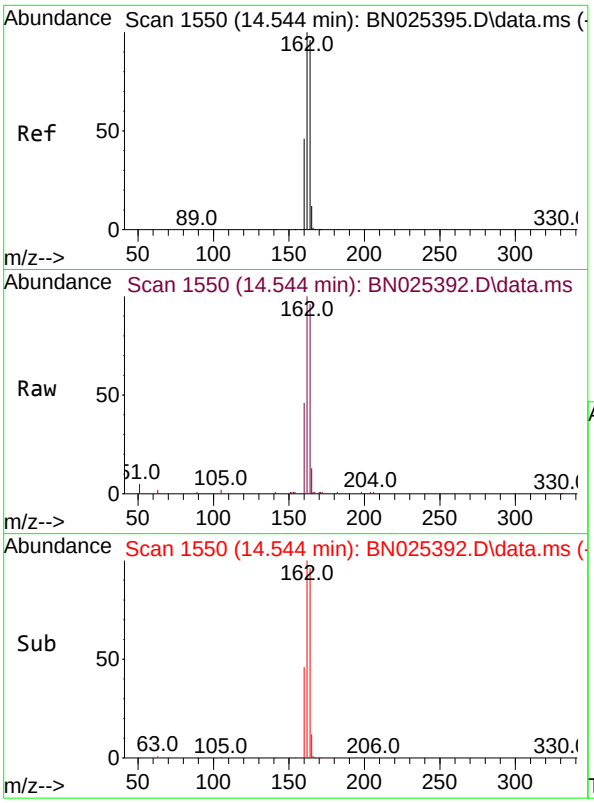


#12
2-Methylnaphthalene
Concen: 0.427 ng
RT: 12.374 min Scan# 1239
Delta R.T. -0.007 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:142 Resp: 21293

Ion	Ratio	Lower	Upper
142	100		
141	90.1	69.3	103.9
115	38.8	30.2	45.4



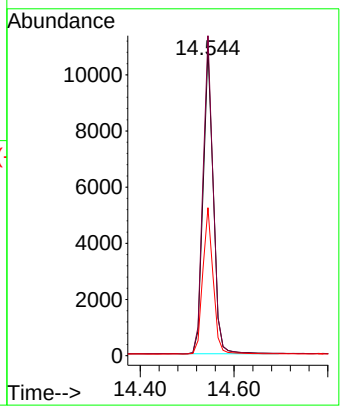


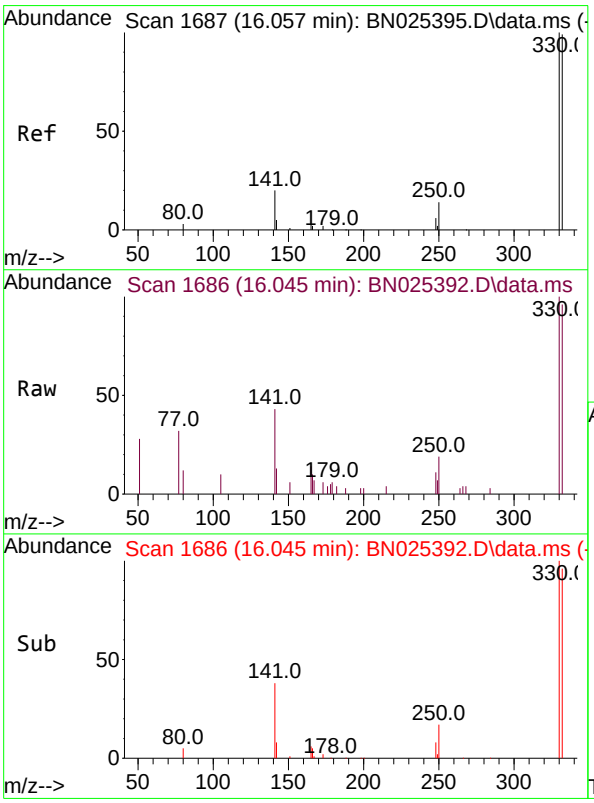
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.544 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 16420

Ion	Ratio	Lower	Upper
164	100		
162	104.3	83.2	124.8
160	48.3	38.8	58.2

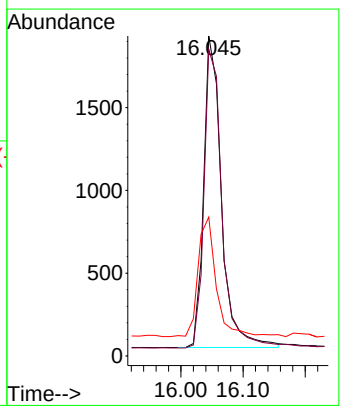


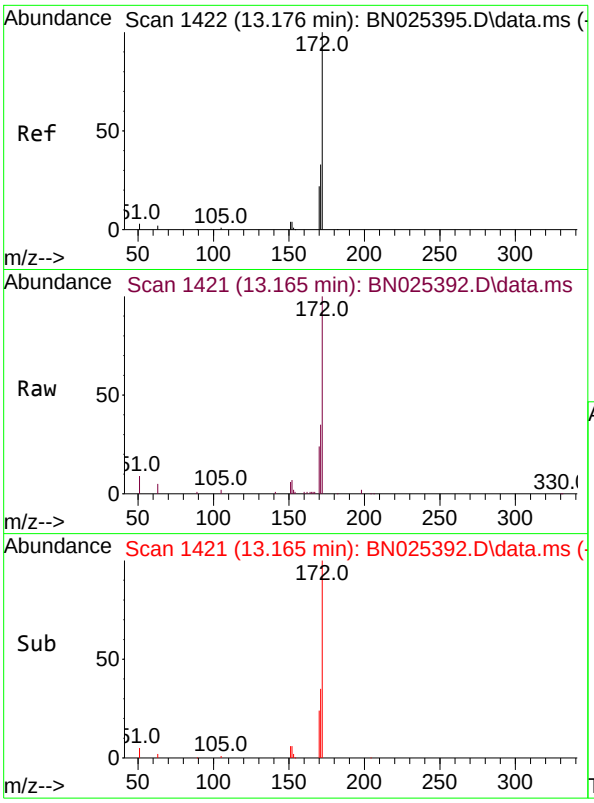


#14
2,4,6-Tribromophenol
Concen: 0.428 ng
RT: 16.045 min Scan# 1686
Delta R.T. -0.012 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:330 Resp: 3753

Ion	Ratio	Lower	Upper
330	100		
332	97.3	78.0	117.0
141	39.0	30.2	45.2



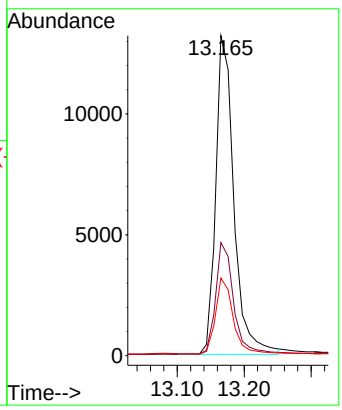


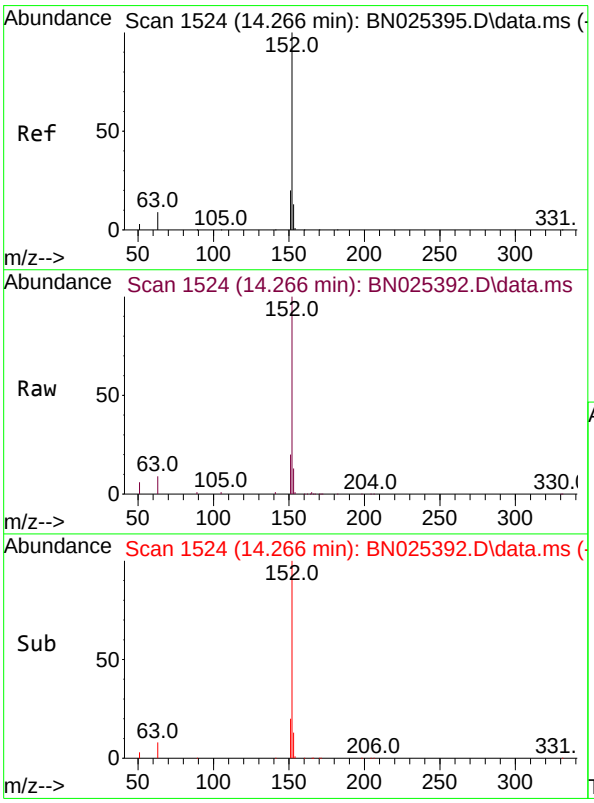
#15
2-Fluorobiphenyl
Concen: 0.435 ng
RT: 13.165 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 24828

Ion	Ratio	Lower	Upper
172	100		
171	35.3	26.7	40.1
170	24.3	17.8	26.8

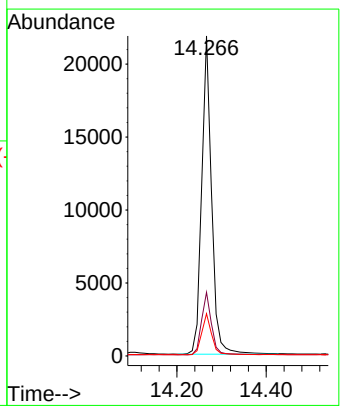


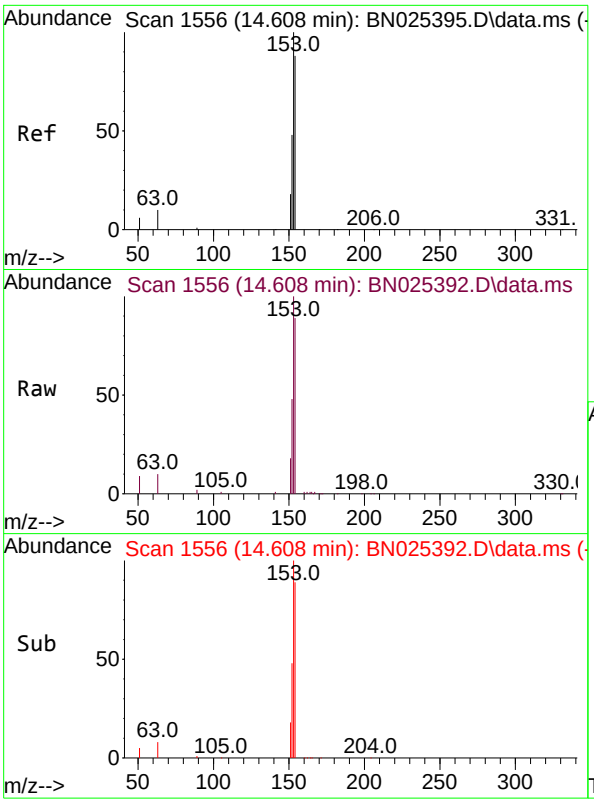


#16
Acenaphthylene
Concen: 0.441 ng
RT: 14.266 min Scan# 1524
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:152 Resp: 33628

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.9	23.9
153	12.9	10.7	16.1



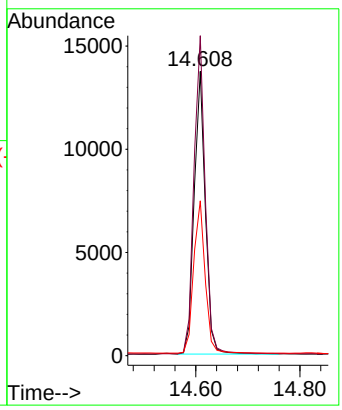


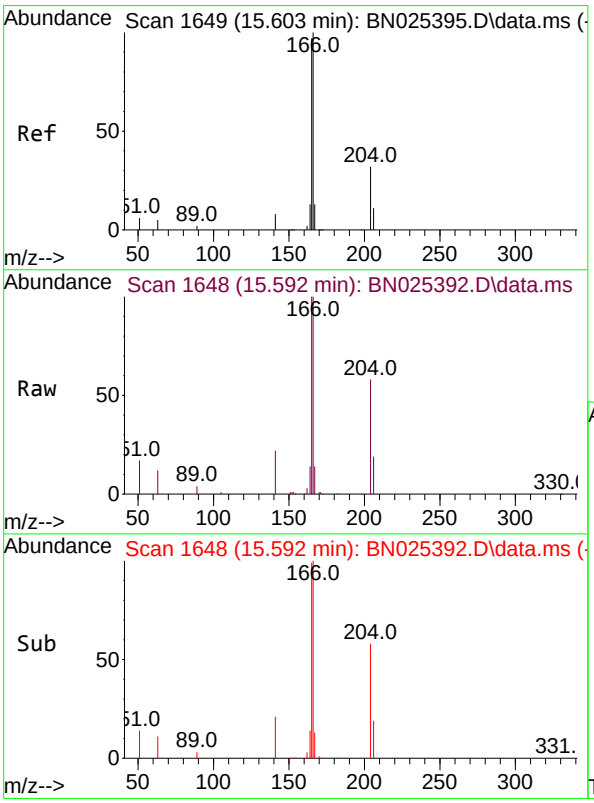
#17
Acenaphthene
Concen: 0.452 ng
RT: 14.608 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 20420

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.7	137.5
152	55.4	44.6	66.8

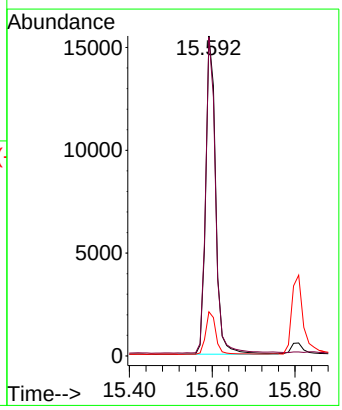


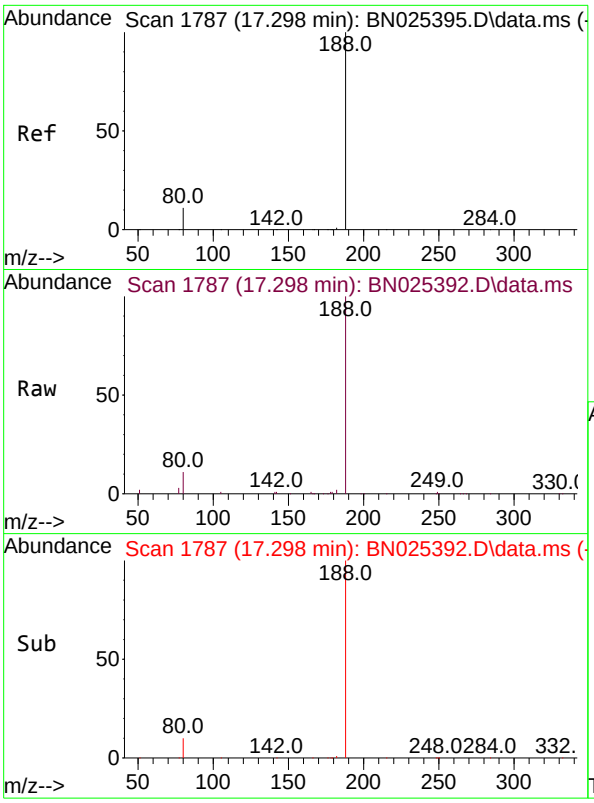


#18
Fluorene
Concen: 0.444 ng
RT: 15.592 min Scan# 1648
Delta R.T. -0.011 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:166 Resp: 26561

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.3	10.7	16.1



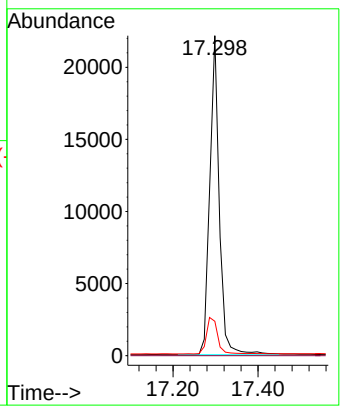


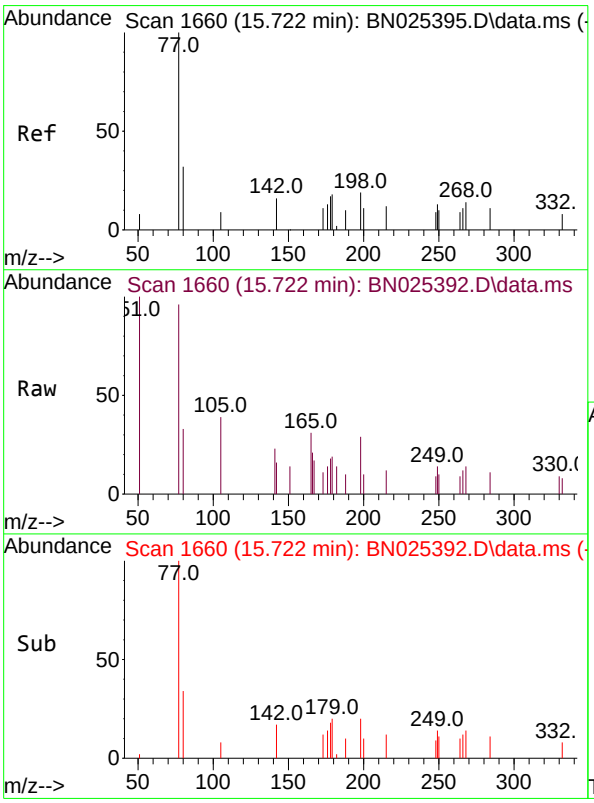
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.298 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 34374

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.7	9.4	14.2

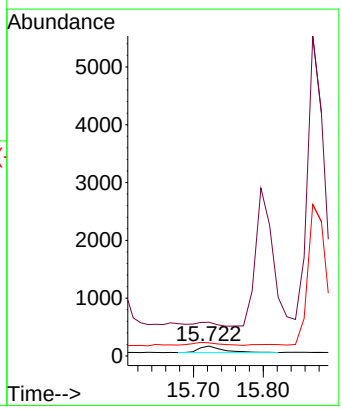


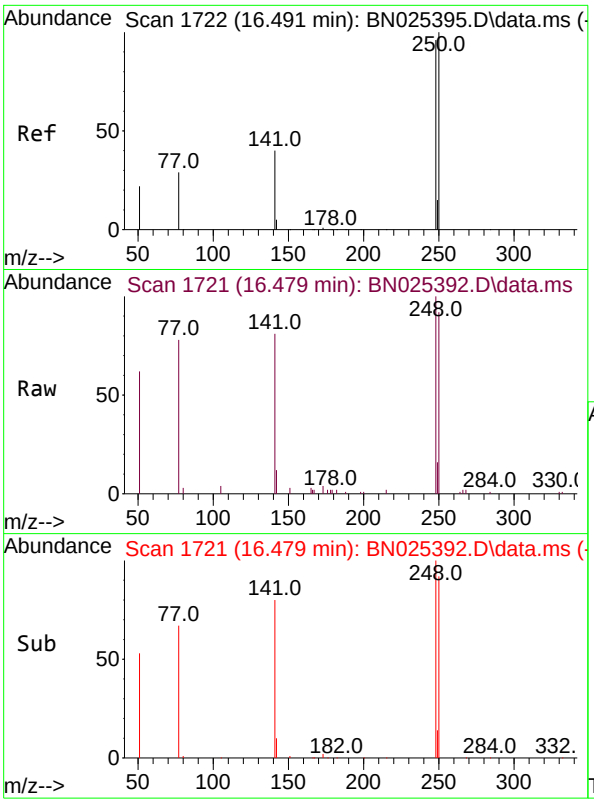


#20
4,6-Dinitro-2-methylphenol
Concen: 0.121 ng
RT: 15.722 min Scan# 1660
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:198 Resp: 269

Ion	Ratio	Lower	Upper
198	100		
51	342.1	259.2	388.8
105	132.2	112.6	168.8



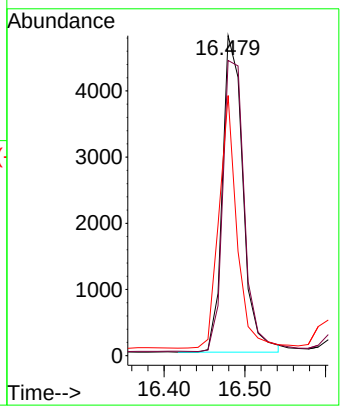


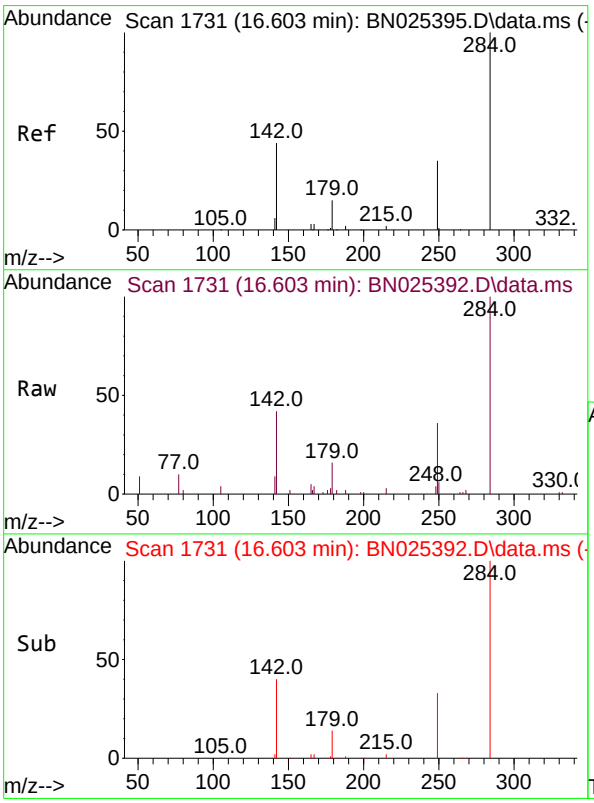
#21
4-Bromophenyl-phenylether
Concen: 0.437 ng
RT: 16.479 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 8466

Ion	Ratio	Lower	Upper
248	100		
250	92.2	83.1	124.7
141	81.3	35.0	52.6#

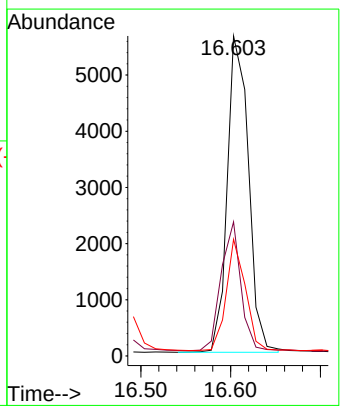


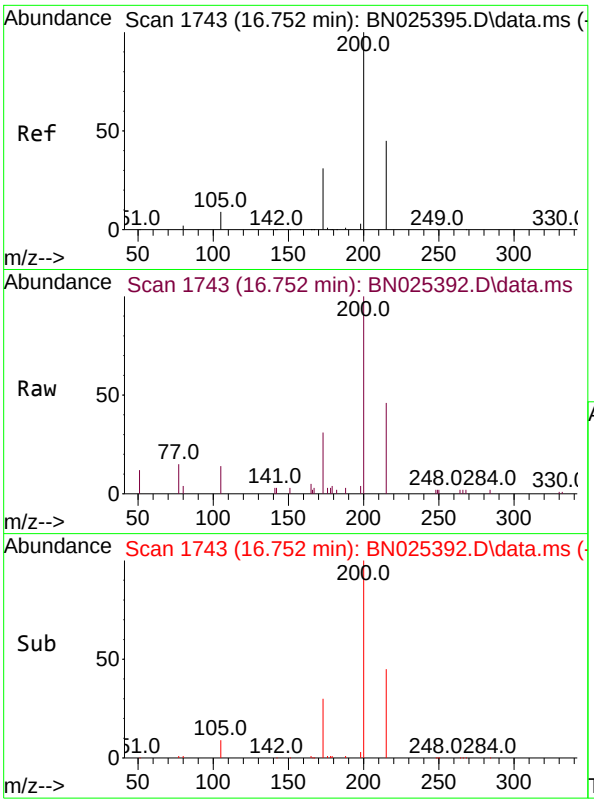


#22
Hexachlorobenzene
Concen: 0.432 ng
RT: 16.603 min Scan# 1731
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:284 Resp: 9238

Ion	Ratio	Lower	Upper
284	100		
142	37.7	29.7	44.5
249	31.6	24.7	37.1



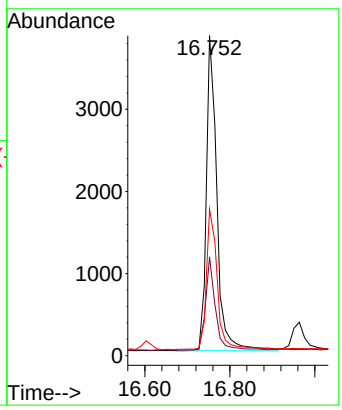


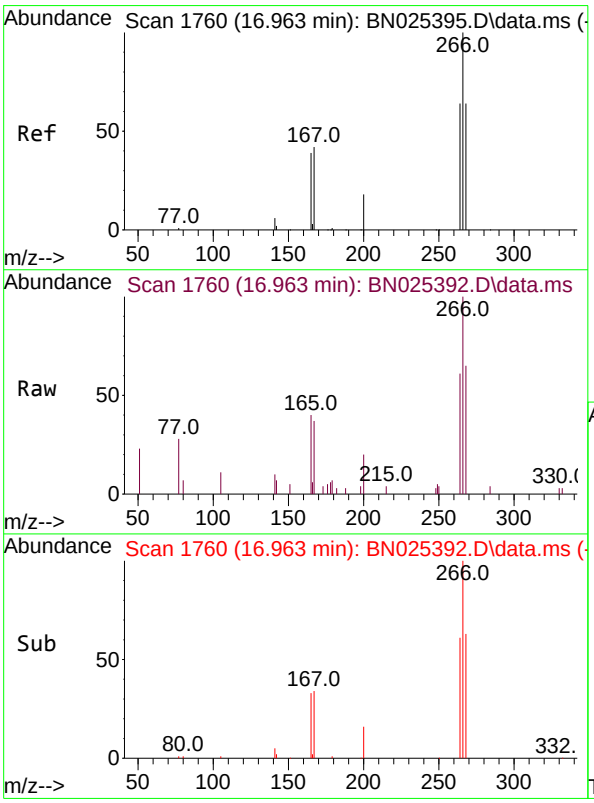
#23
Atrazine
Concen: 0.419 ng
RT: 16.752 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 6593

Ion	Ratio	Lower	Upper
200	100		
173	30.9	26.5	39.7
215	45.8	37.0	55.4

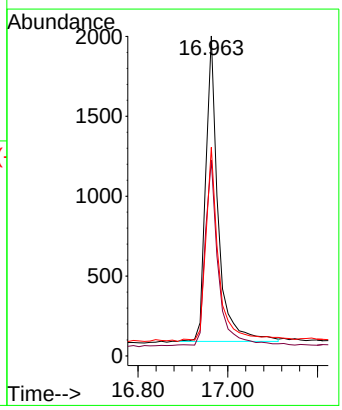


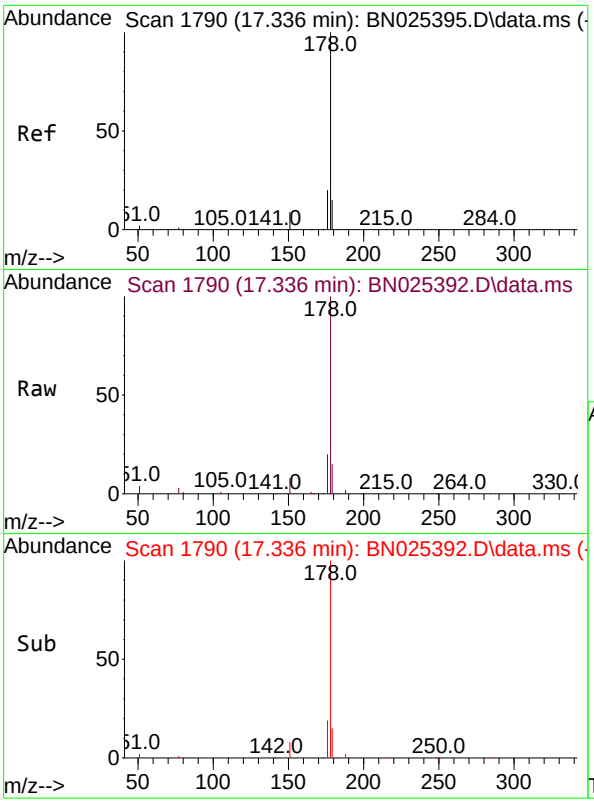


#24
Pentachlorophenol
Concen: 0.372 ng
RT: 16.963 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:266 Resp: 3670

Ion	Ratio	Lower	Upper
266	100		
264	61.9	50.1	75.1
268	65.6	49.3	73.9



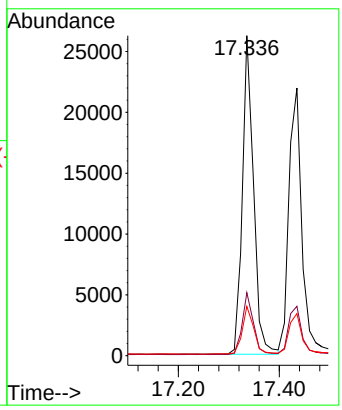


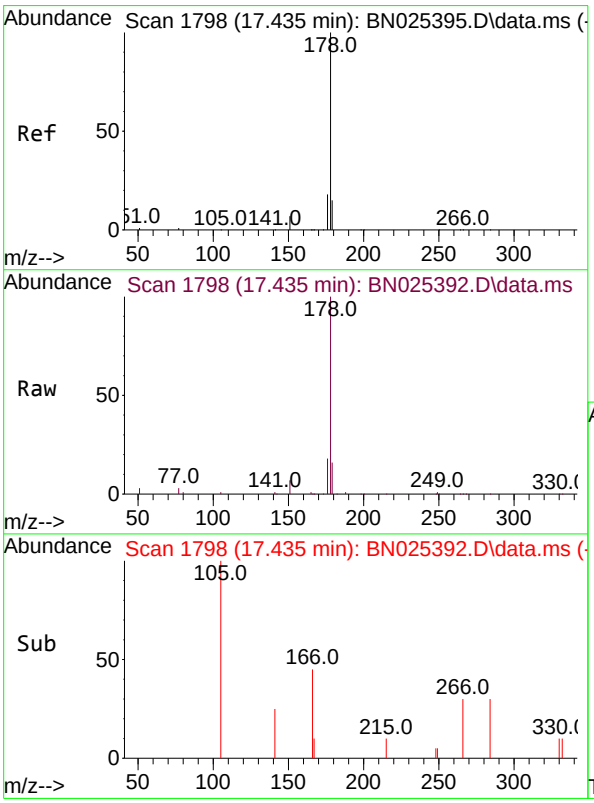
#25
Phenanthrene
Concen: 0.434 ng
RT: 17.336 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 40362

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	15.5	12.1	18.1

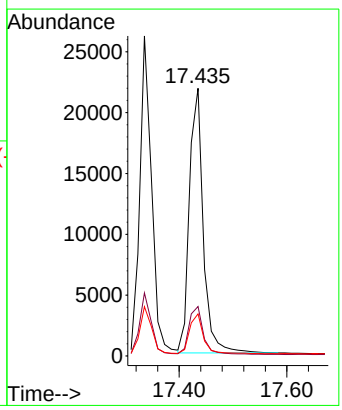


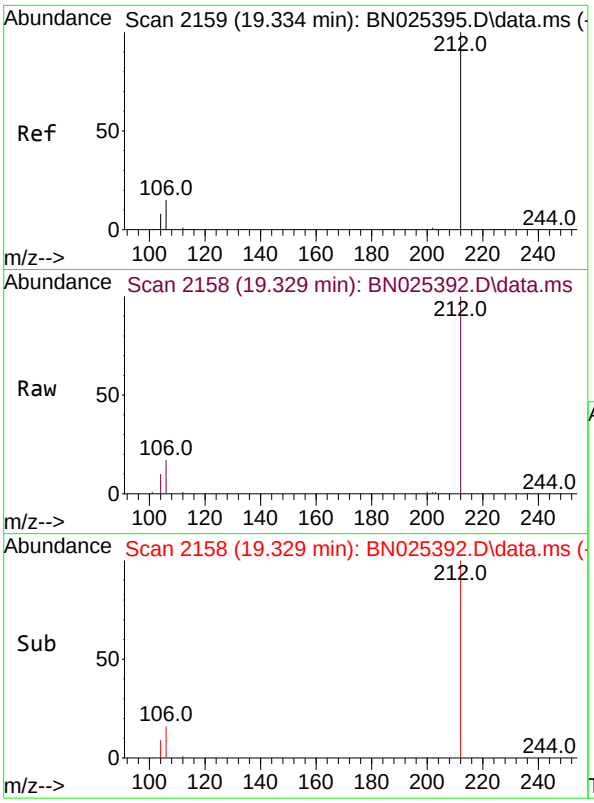


#26
Anthracene
Concen: 0.432 ng
RT: 17.435 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:178 Resp: 38979

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.4
179	15.0	12.0	18.0



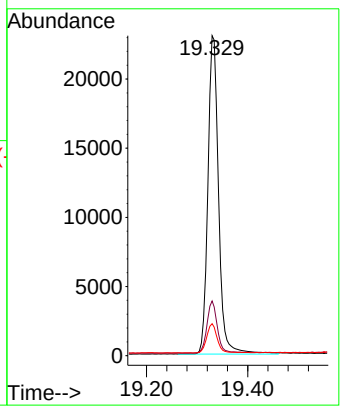


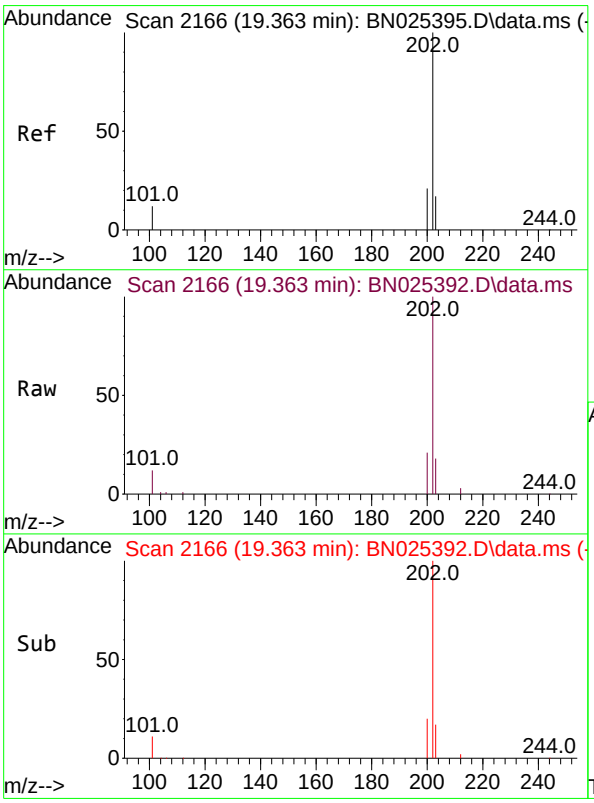
#27
Fluoranthene-d10
Concen: 0.429 ng
RT: 19.329 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 33730

Ion	Ratio	Lower	Upper
212	100		
106	15.9	12.6	19.0
104	8.9	7.0	10.4

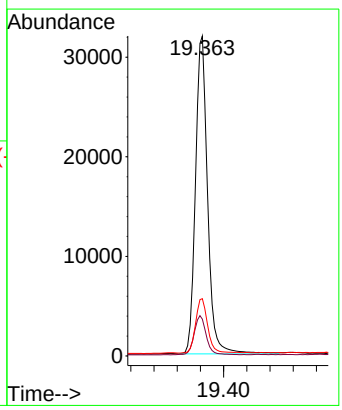


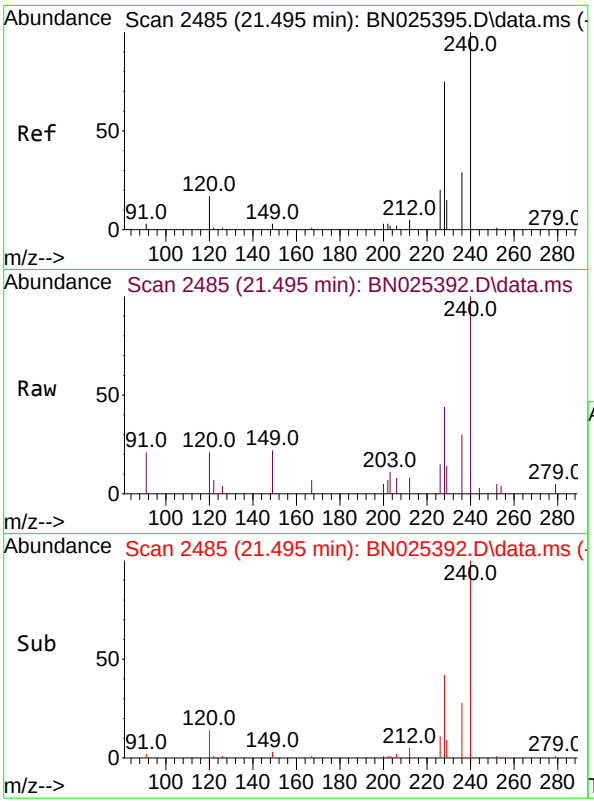


#28
Fluoranthene
Concen: 0.429 ng
RT: 19.363 min Scan# 2166
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:202 Resp: 46246

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.8	14.8
203	17.3	13.8	20.6



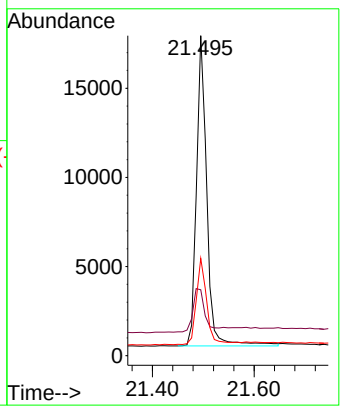


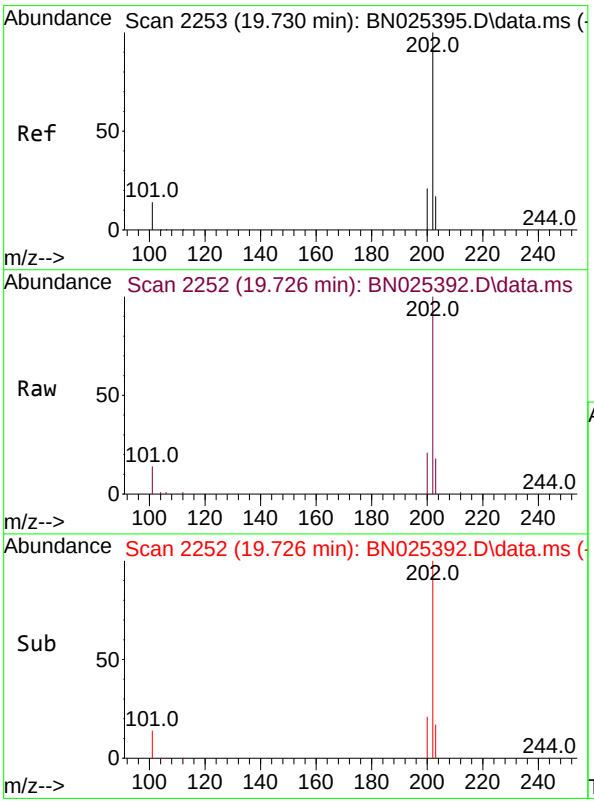
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.495 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 24530

Ion	Ratio	Lower	Upper
240	100		
120	20.6	19.0	28.6
236	30.4	25.0	37.6

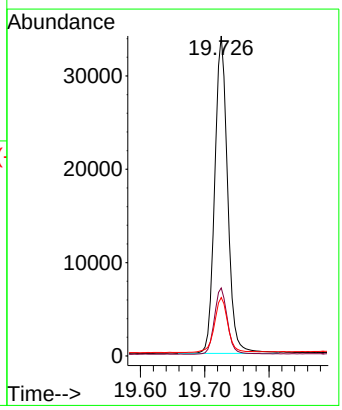


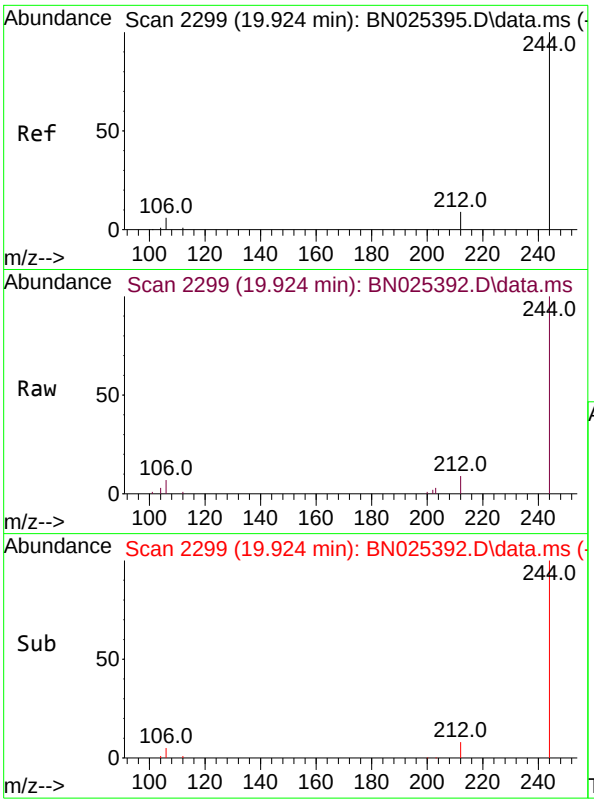


#30
Pyrene
Concen: 0.456 ng
RT: 19.726 min Scan# 2252
Delta R.T. -0.004 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:202 Resp: 47189

Ion	Ratio	Lower	Upper
202	100		
200	21.1	16.8	25.2
203	18.2	14.4	21.6



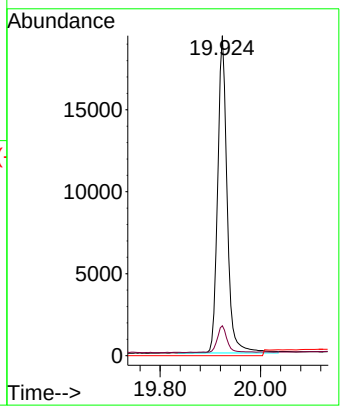


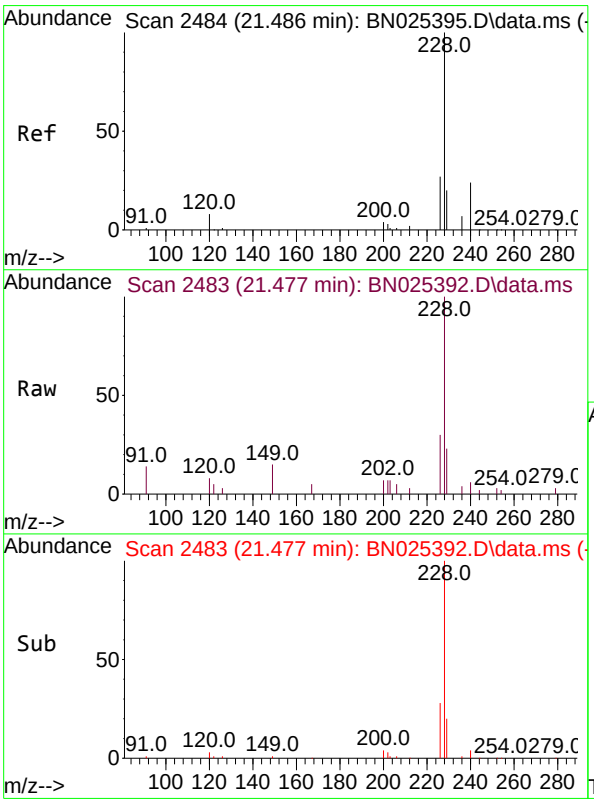
#31
Terphenyl-d14
Concen: 0.464 ng
RT: 19.924 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 27395

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.5	11.3
122	0.0	0.0	0.0

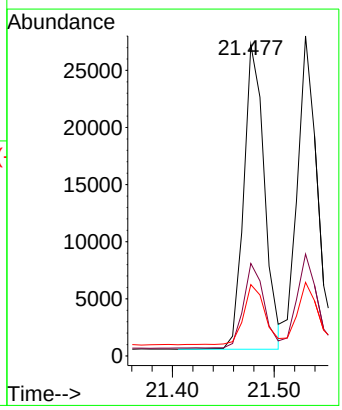


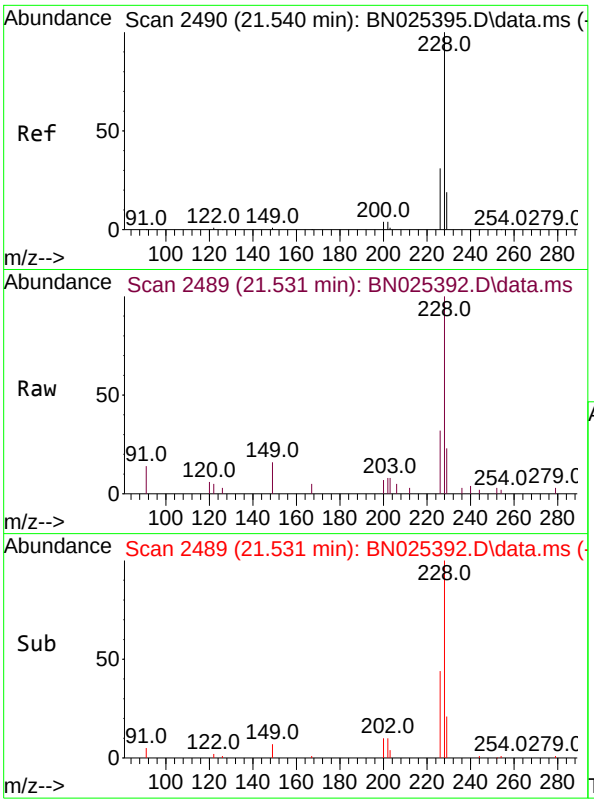


#32
Benzo(a)anthracene
Concen: 0.448 ng
RT: 21.477 min Scan# 2483
Delta R.T. -0.009 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:228 Resp: 37454

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	22.9	18.2	27.2



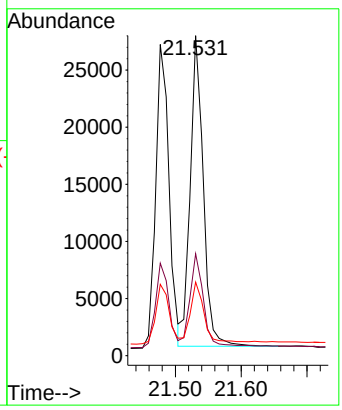


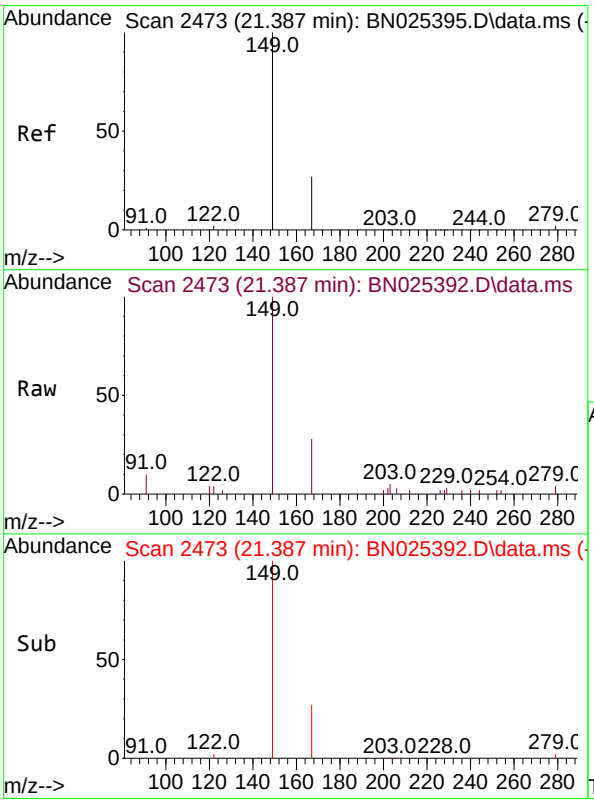
#33
Chrysene
Concen: 0.460 ng
RT: 21.531 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 37323

Ion	Ratio	Lower	Upper
228	100		
226	31.8	25.8	38.6
229	23.0	17.9	26.9

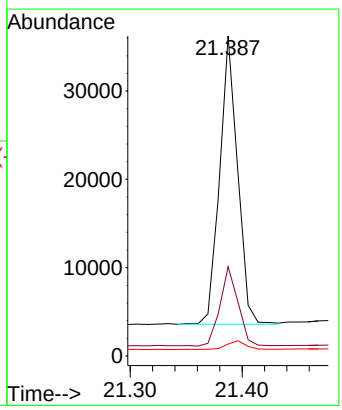


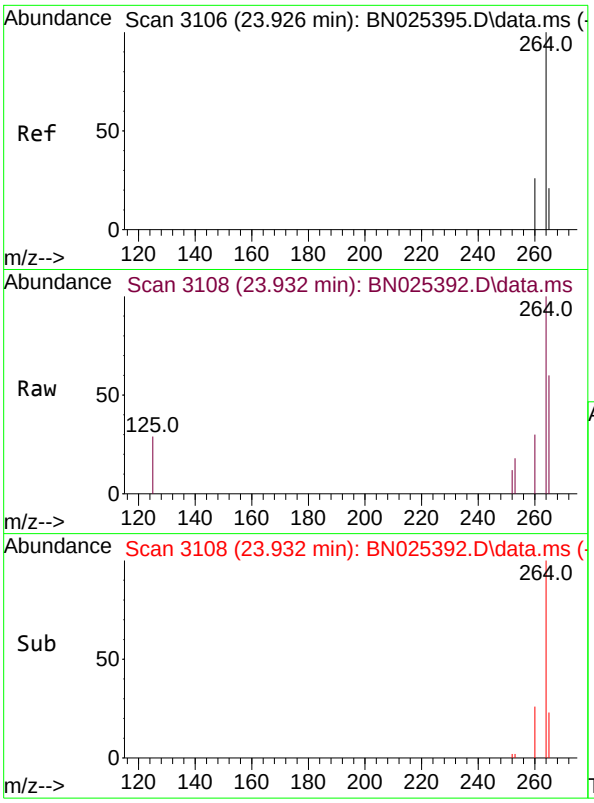


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.452 ng
RT: 21.387 min Scan# 2473
Delta R.T. 0.000 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:149 Resp: 36434

Ion	Ratio	Lower	Upper
149	100		
167	27.1	21.7	32.5
279	3.5	3.0	4.4



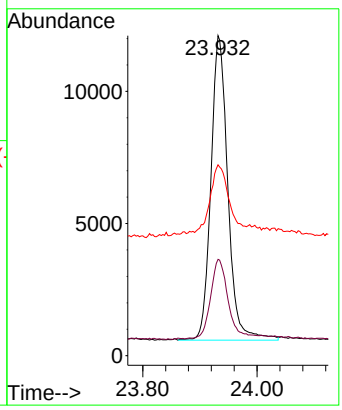


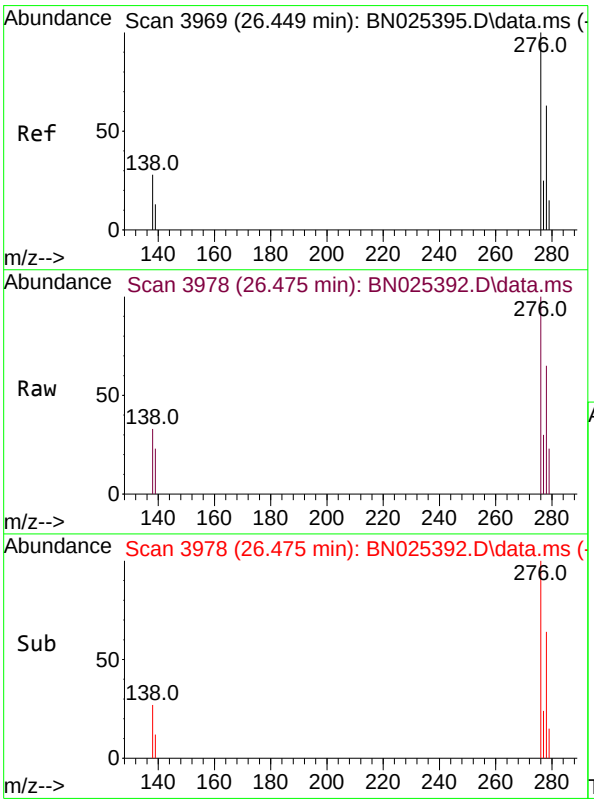
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.932 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 23667

Ion	Ratio	Lower	Upper
264	100		
260	30.1	23.5	35.3
265	59.6	50.9	76.3

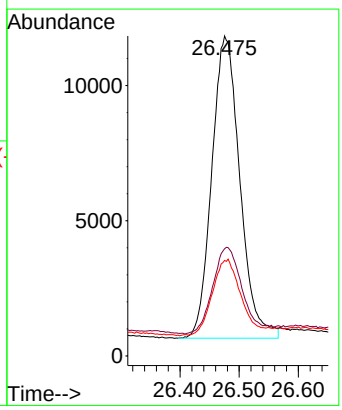


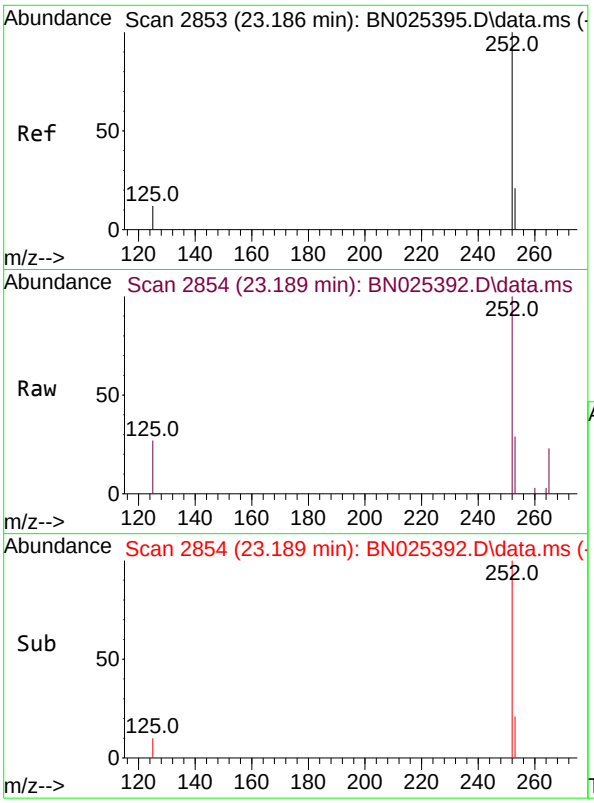


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.423 ng
RT: 26.475 min Scan# 3978
Delta R.T. 0.026 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:276 Resp: 36834

Ion	Ratio	Lower	Upper
276	100		
138	30.6	22.7	34.1
277	25.5	20.2	30.4



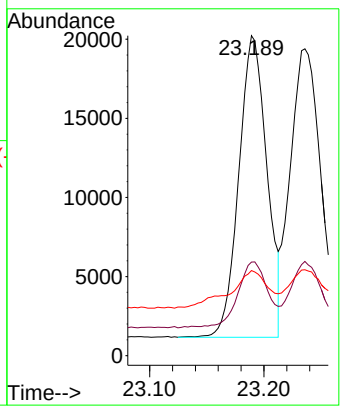


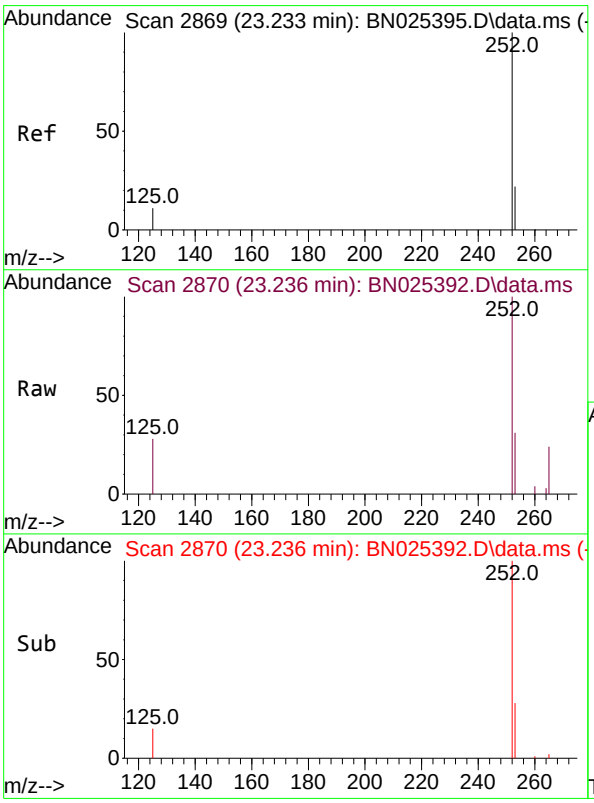
#37
Benzo(b)fluoranthene
Concen: 0.419 ng
RT: 23.189 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 32504

Ion	Ratio	Lower	Upper
252	100		
253	29.2	23.4	35.0
125	26.6	19.8	29.8

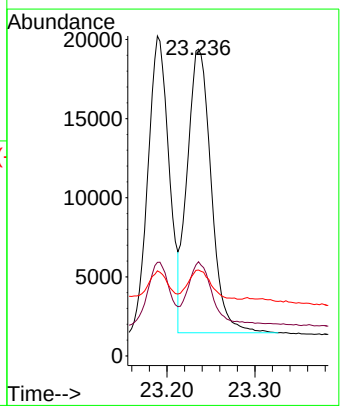


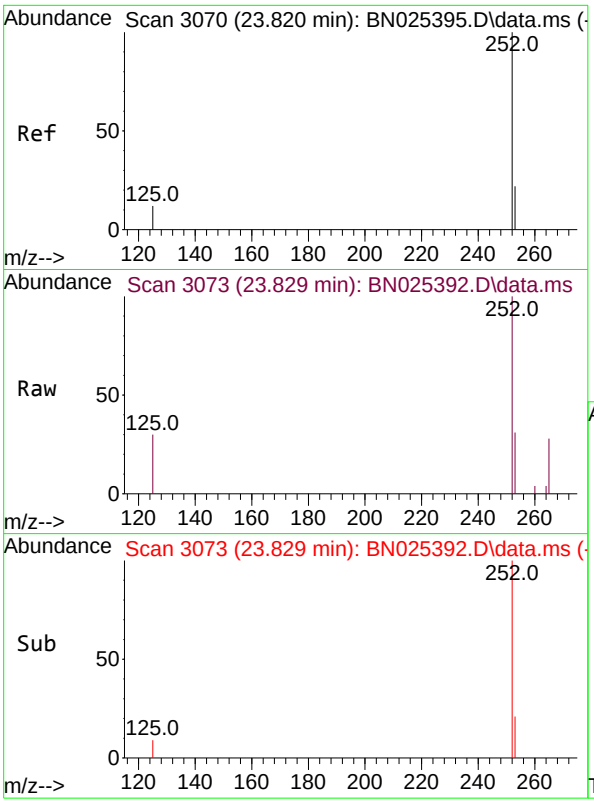


#38
Benzo(k)fluoranthene
Concen: 0.426 ng
RT: 23.236 min Scan# 2870
Delta R.T. 0.003 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:252 Resp: 34041

Ion	Ratio	Lower	Upper
252	100		
253	30.7	23.6	35.4
125	28.0	20.2	30.2



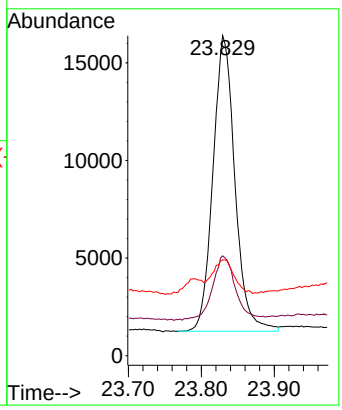


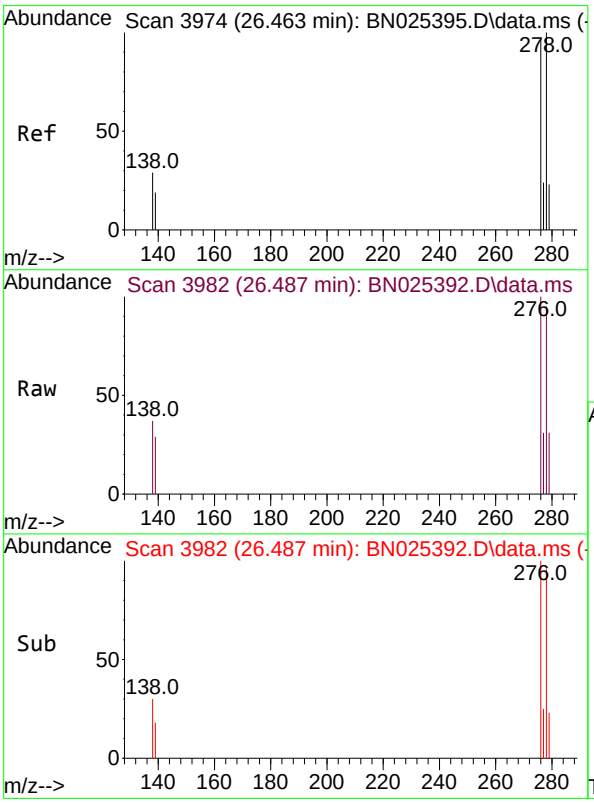
#39
Benzo(a)pyrene
Concen: 0.419 ng
RT: 23.829 min Scan# 3
Delta R.T. 0.009 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 31696

Ion	Ratio	Lower	Upper
252	100		
253	31.2	25.4	38.2
125	29.9	23.5	35.3

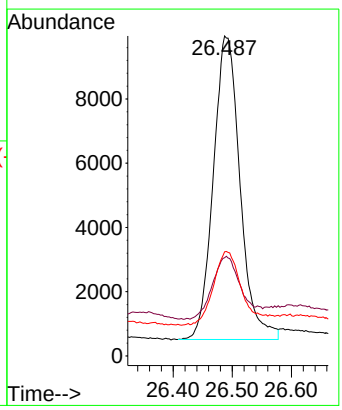


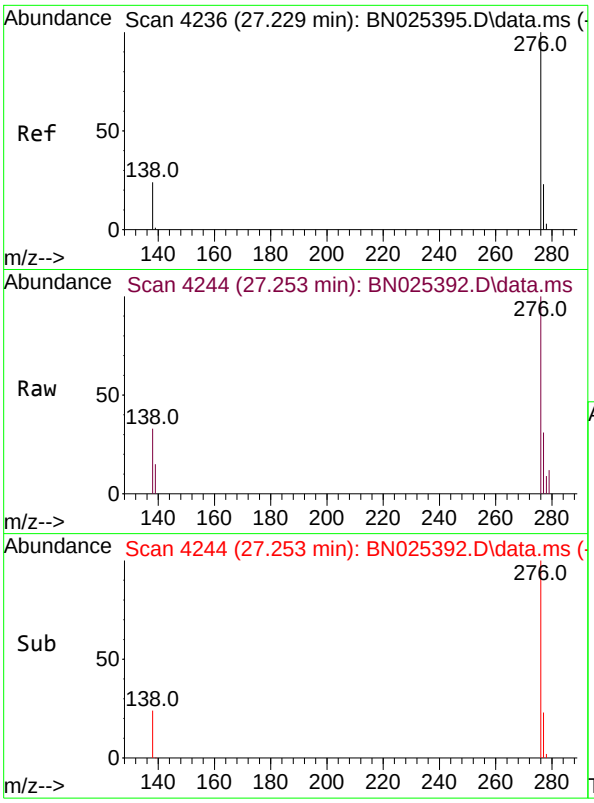


#40
Dibenzo(a,h)anthracene
Concen: 0.428 ng
RT: 26.487 min Scan# 3982
Delta R.T. 0.023 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Tgt Ion:278 Resp: 29676

Ion	Ratio	Lower	Upper
278	100		
139	30.7	23.8	35.8
279	32.6	26.0	39.0





#41
Benzo(g,h,i)perylene
Concen: 0.427 ng
RT: 27.253 min Scan# 4
Delta R.T. 0.024 min
Lab File: BN025392.D
Acq: 11 May 2023 09:46

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 31285

Ion	Ratio	Lower	Upper
276	100		
277	30.9	23.5	35.3
138	32.5	24.7	37.1