Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101323\
Data File : BN028273.D
Acq On : 13 Oct 2023 09:52
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 13 10:39:42 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.885	152	3649	0.400	ng	0.00
7) Naphthalene-d8	10.703	136	11688	0.400	ng	-0.01
13) Acenaphthene-d10	14.534	164	6962	0.400	ng	-0.01
19) Phenanthrene-d10	17.294	188	15357	0.400	ng	#-0.01
29) Chrysene-d12	21.497	240	15826	0.400	ng	# 0.00
35) Perylene-d12	23.952	264	18961	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	4160	0.367	ng	0.00
5) Phenol-d6	7.048	99	5338	0.383	ng	0.00
8) Nitrobenzene-d5	9.091	82	3786	0.365	ng	-0.01
11) 2-Methylnaphthalene-d10	12.294	152	6923	0.394	ng	0.00
14) 2,4,6-Tribromophenol	16.053	330	1146	0.338	ng	0.00
15) 2-Fluorobiphenyl	13.165	172	9812	0.401	ng	0.00
27) Fluoranthene-d10	19.332	212	16359	0.398	ng	0.00
31) Terphenyl-d14	19.922	244	12933	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	1521	0.345	ng	# 92
3) n-Nitrosodimethylamine	3.660	42	1924	0.399	ng	# 95
6) bis(2-Chloroethyl)ether	7.322	93	4503	0.419	ng	97
9) Naphthalene	10.757	128	12214	0.403	ng	99
10) Hexachlorobutadiene	10.970	225	2065	0.397	ng	# 99
12) 2-Methylnaphthalene	12.370	142	8422	0.391	ng	100
16) Acenaphthylene	14.266	152	12158	0.389	ng	100
17) Acenaphthene	14.598	154	8054	0.409	ng	99
18) Fluorene	15.581	166	10310	0.397	ng	99
20) 4,6-Dinitro-2-methylph...	15.730	198	285	0.444	ng	# 81
21) 4-Bromophenyl-phenylether	16.475	248	3188	0.403	ng	# 73
22) Hexachlorobenzene	16.561	284	3295	0.405	ng	99
23) Atrazine	16.760	200	2736	0.369	ng	100
24) Pentachlorophenol	16.946	266	1212	0.326	ng	97
25) Phenanthrene	17.343	178	16983	0.404	ng	100
26) Anthracene	17.430	178	15572	0.388	ng	100
28) Fluoranthene	19.365	202	20681	0.392	ng	99
30) Pyrene	19.732	202	21591	0.399	ng	100
32) Benzo(a)anthracene	21.479	228	22036	0.392	ng	98
33) Chrysene	21.533	228	22284	0.414	ng	98
34) Bis(2-ethylhexyl)phtha...	21.354	149	15383	0.358	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.525	276	29533	0.386	ng	99
37) Benzo(b)fluoranthene	23.192	252	22971	0.388	ng	97
38) Benzo(k)fluoranthene	23.241	252	23890	0.396	ng	97
39) Benzo(a)pyrene	23.838	252	22612	0.384	ng	96
40) Dibenzo(a,h)anthracene	26.539	278	24336	0.392	ng	97
41) Benzo(g,h,i)perylene	27.331	276	25142	0.392	ng	97

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

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Misc :
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Instrument :
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Quant Time: Oct 13 10:39:42 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
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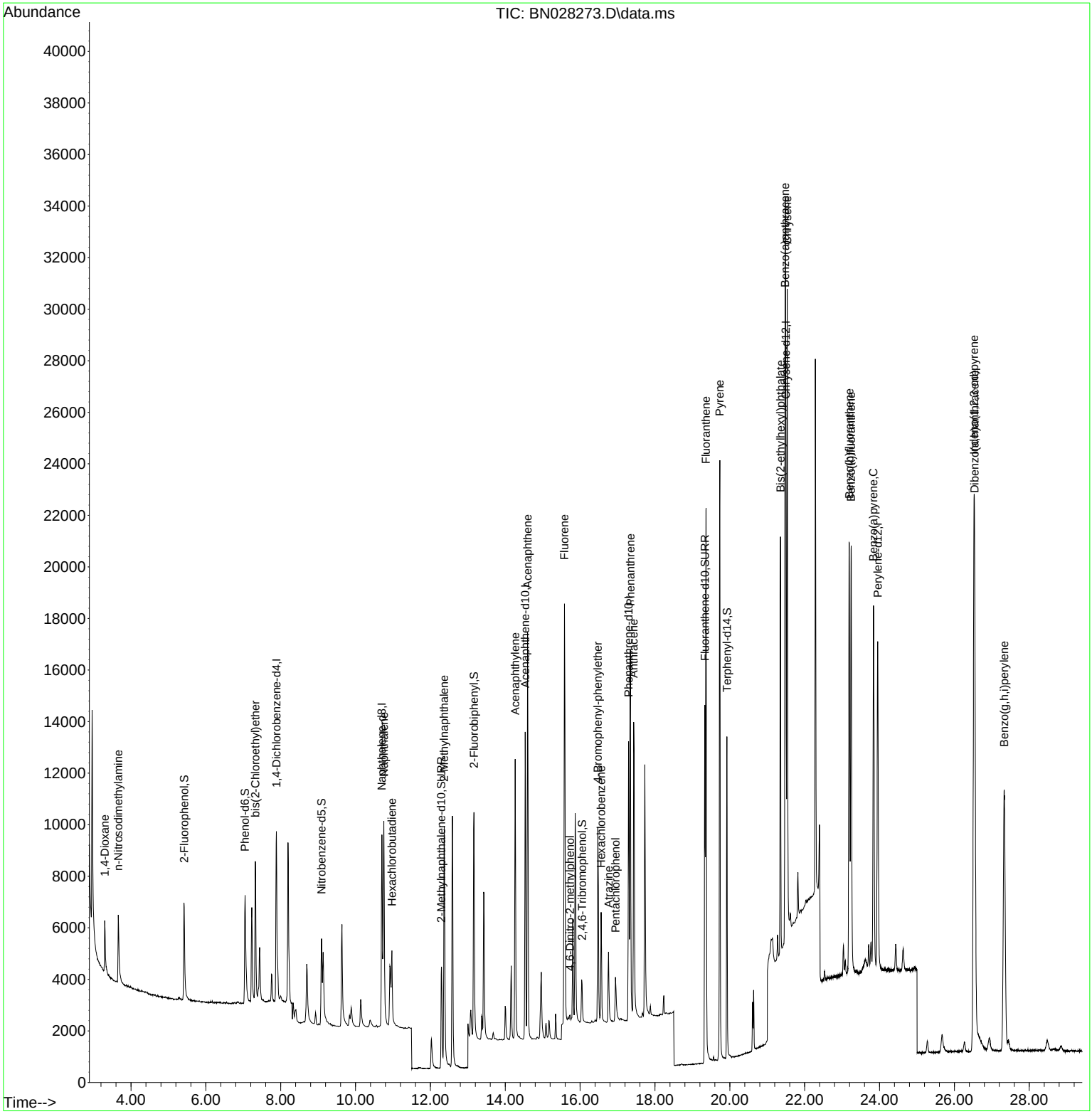
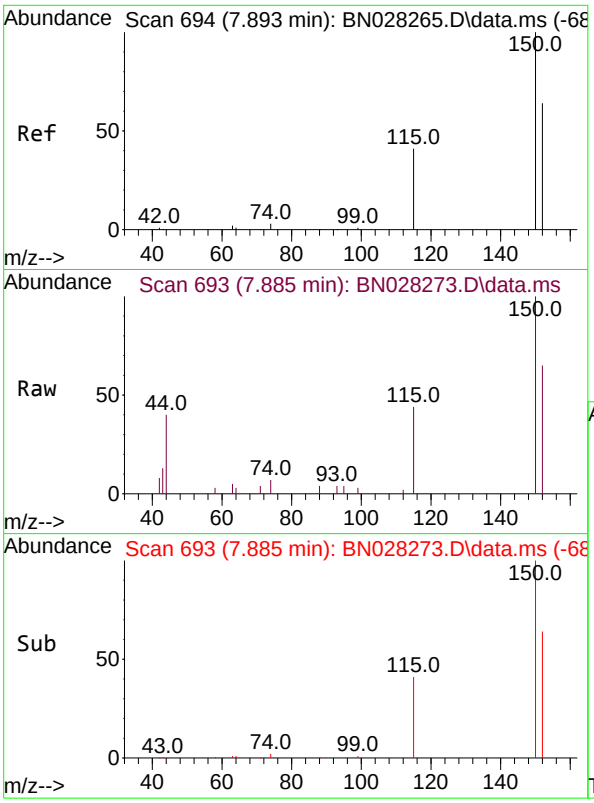


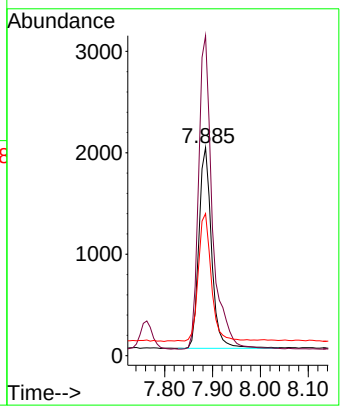


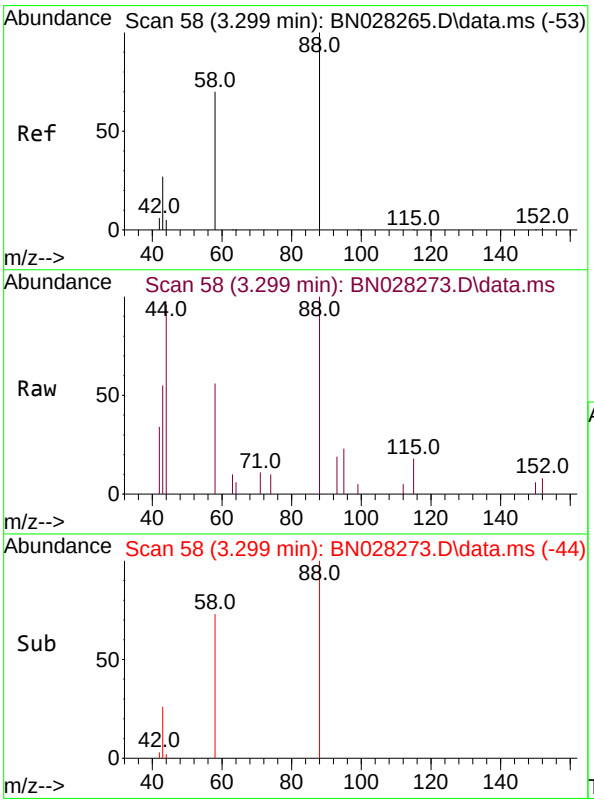
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.885 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 3649

Ion	Ratio	Lower	Upper
152	100		
150	153.8	121.6	182.4
115	68.3	54.3	81.5

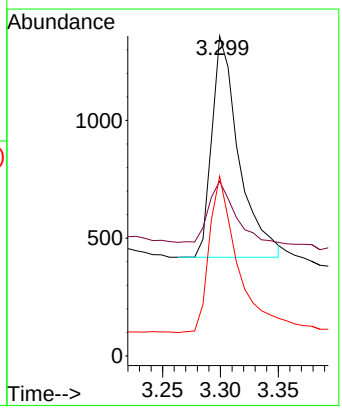


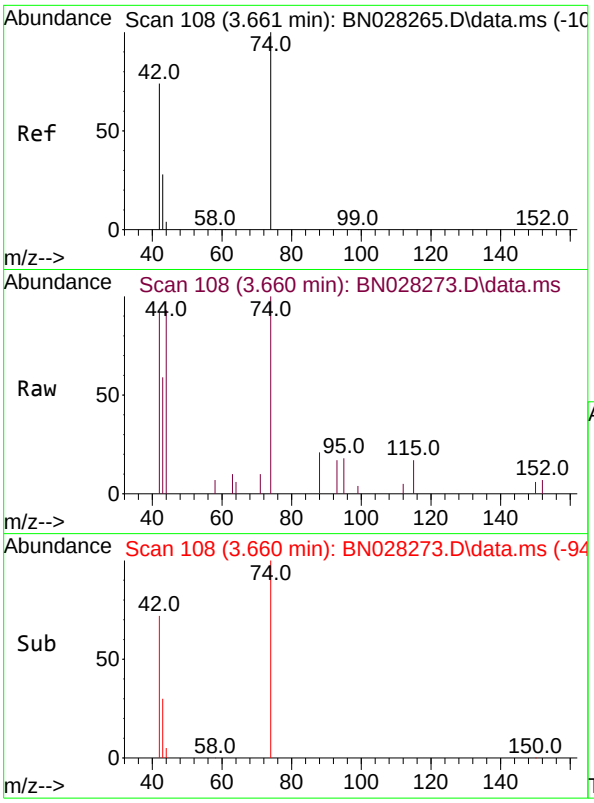


#2
1,4-Dioxane
Concen: 0.345 ng
RT: 3.299 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion: 88 Resp: 1521

Ion	Ratio	Lower	Upper
88	100		
43	26.4	26.6	39.8#
58	74.0	55.4	83.0



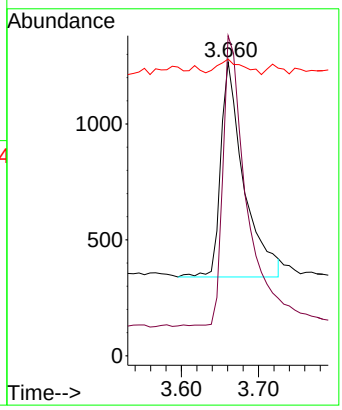


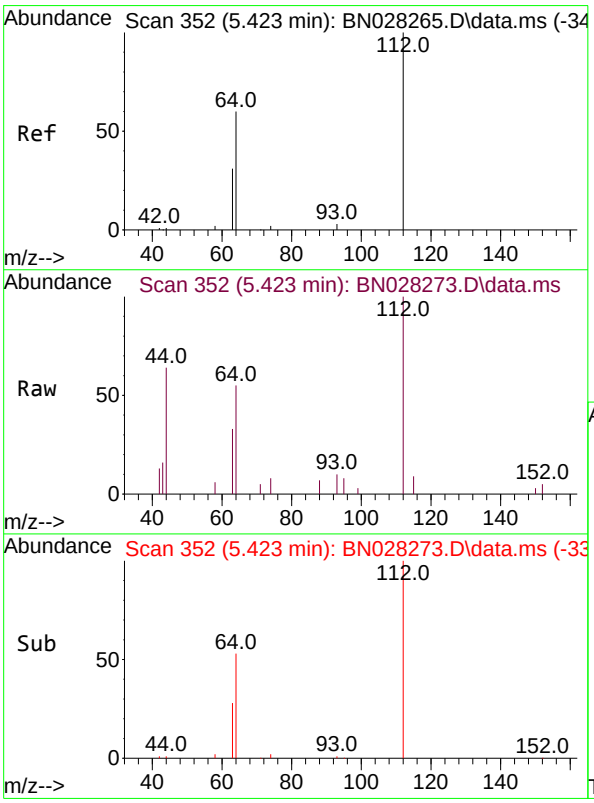
#3
n-Nitrosodimethylamine
Concen: 0.399 ng
RT: 3.660 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 1924

Ion	Ratio	Lower	Upper
42	100		
74	134.5	112.6	168.8
44	7.6	7.8	11.6#

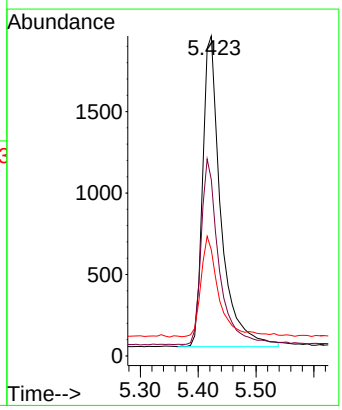


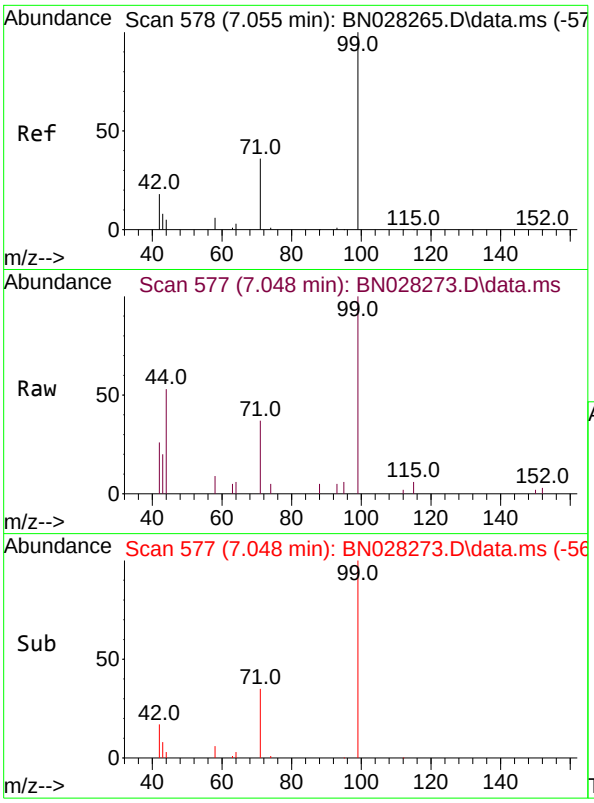


#4
2-Fluorophenol
Concen: 0.367 ng
RT: 5.423 min Scan# 352
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:112 Resp: 4160

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.9	70.3
63	31.9	25.0	37.4



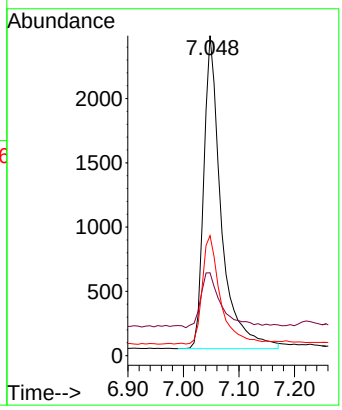


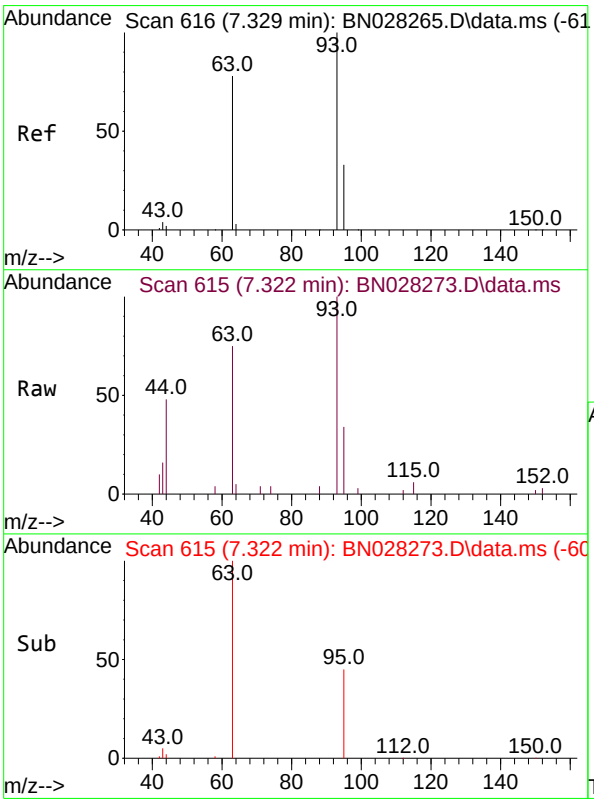
#5
Phenol-d6
Concen: 0.383 ng
RT: 7.048 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5338

Ion	Ratio	Lower	Upper
99	100		
42	20.7	15.9	23.9
71	36.1	28.6	42.8

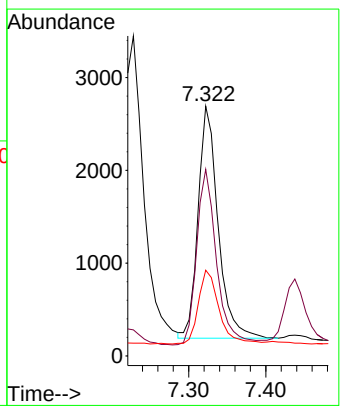


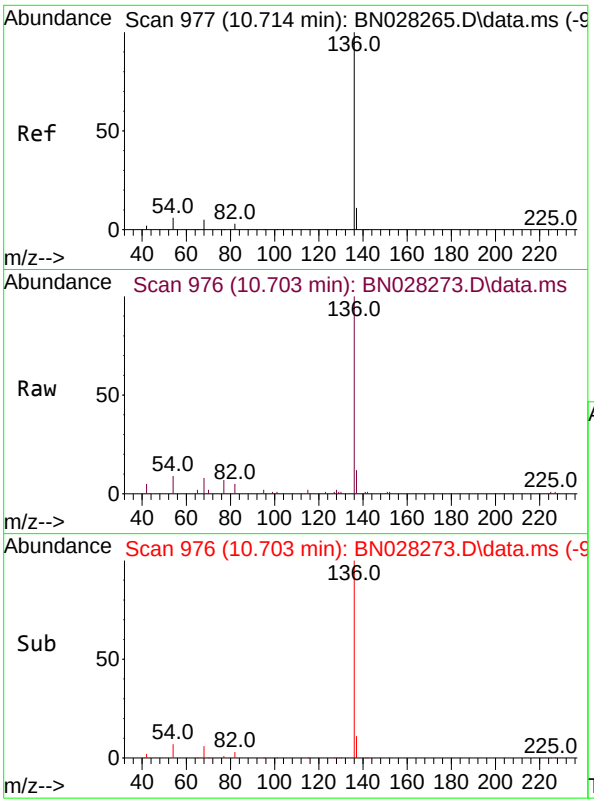


#6
bis(2-Chloroethyl)ether
Concen: 0.419 ng
RT: 7.322 min Scan# 615
Delta R.T. -0.007 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion: 93 Resp: 4503

Ion	Ratio	Lower	Upper
93	100		
63	75.3	62.6	93.8
95	32.6	27.2	40.8



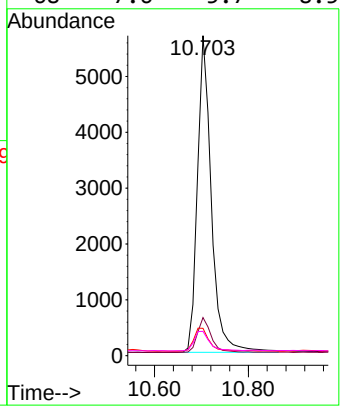


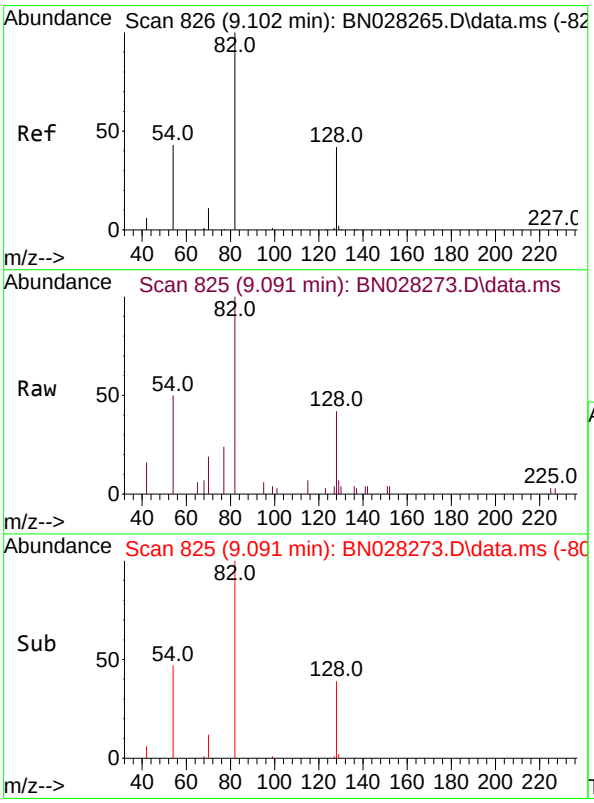
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.703 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 11688

Ion	Ratio	Lower	Upper
136	100		
137	11.9	9.8	14.8
54	8.6	6.2	9.4
68	7.6	5.7	8.5

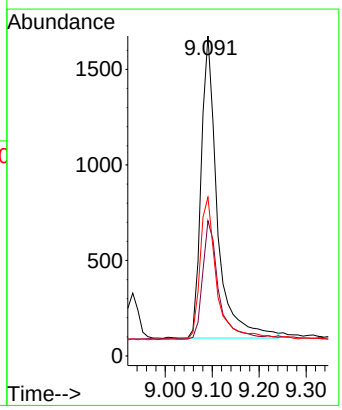


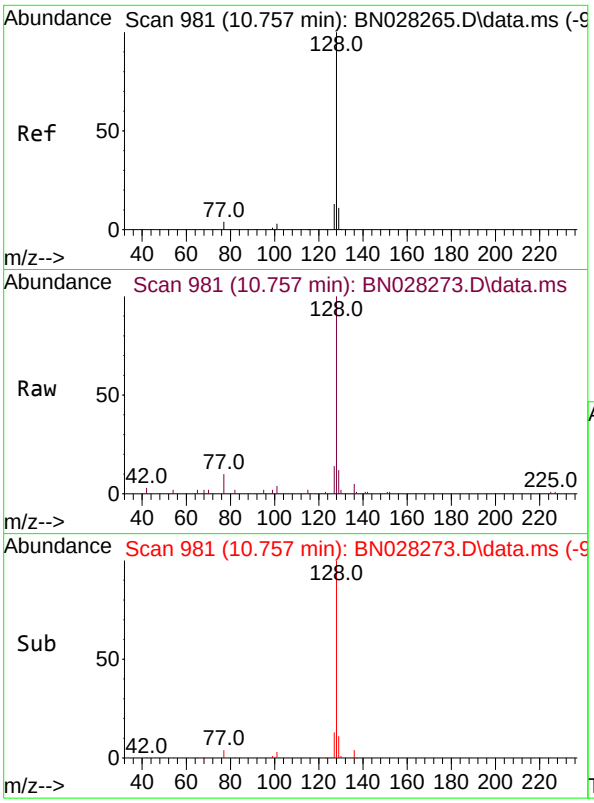


#8
Nitrobenzene-d5
Concen: 0.365 ng
RT: 9.091 min Scan# 825
Delta R.T. -0.011 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion: 82 Resp: 3786

Ion	Ratio	Lower	Upper
82	100		
128	42.3	36.8	55.2
54	49.6	37.4	56.2



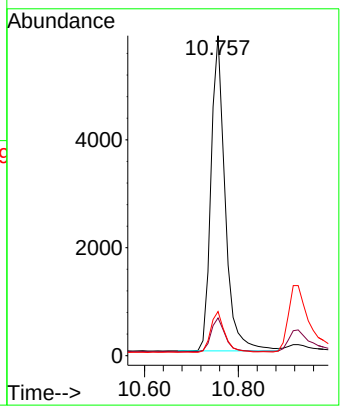


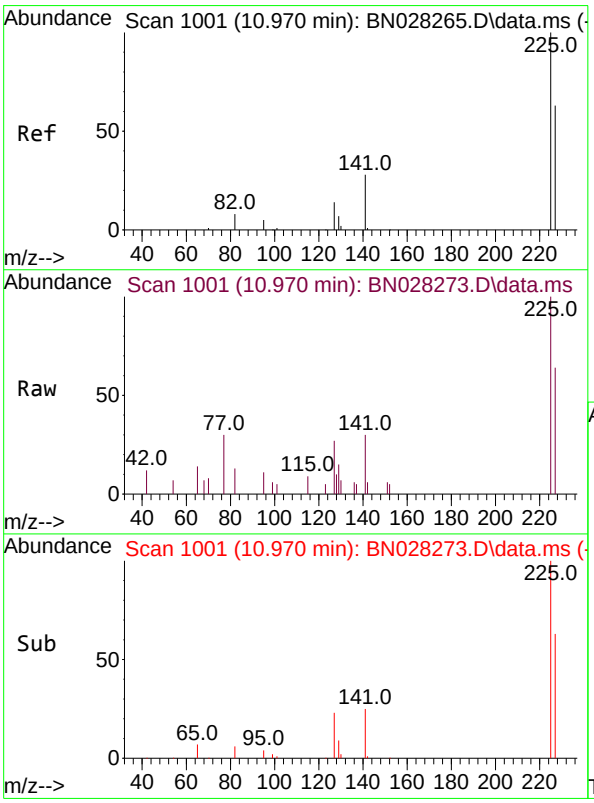
#9
Naphthalene
Concen: 0.403 ng
RT: 10.757 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 12214

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.8	14.6
127	13.8	11.4	17.0

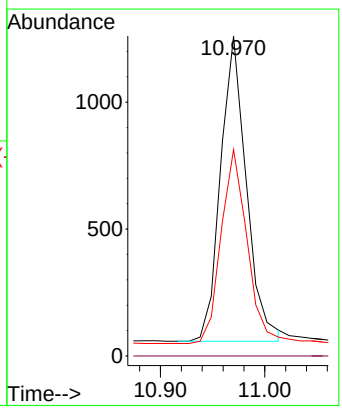


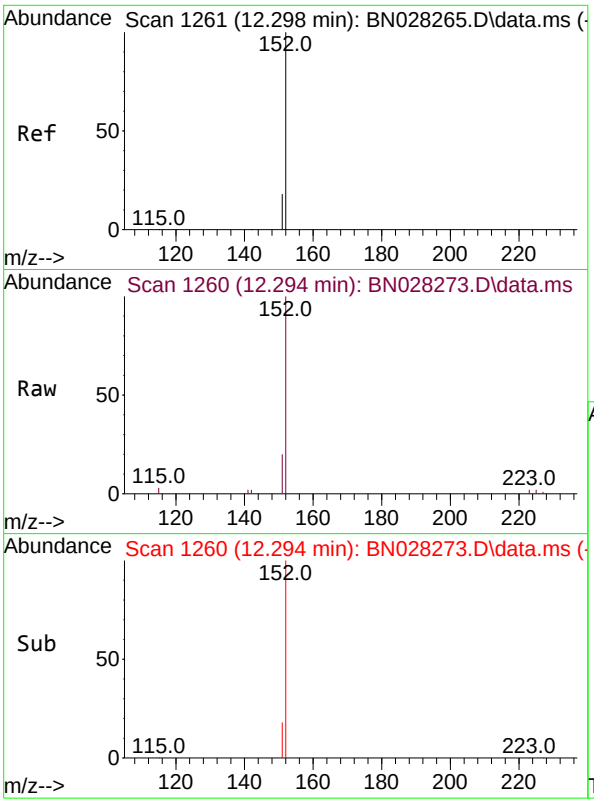


#10
Hexachlorobutadiene
Concen: 0.397 ng
RT: 10.970 min Scan# 1001
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:225 Resp: 2065

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.6	77.4



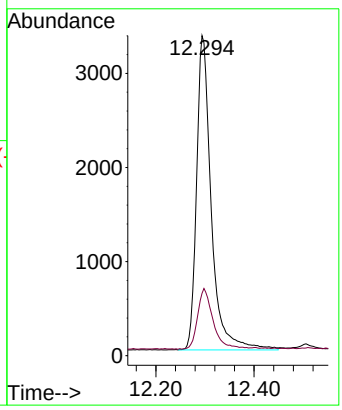


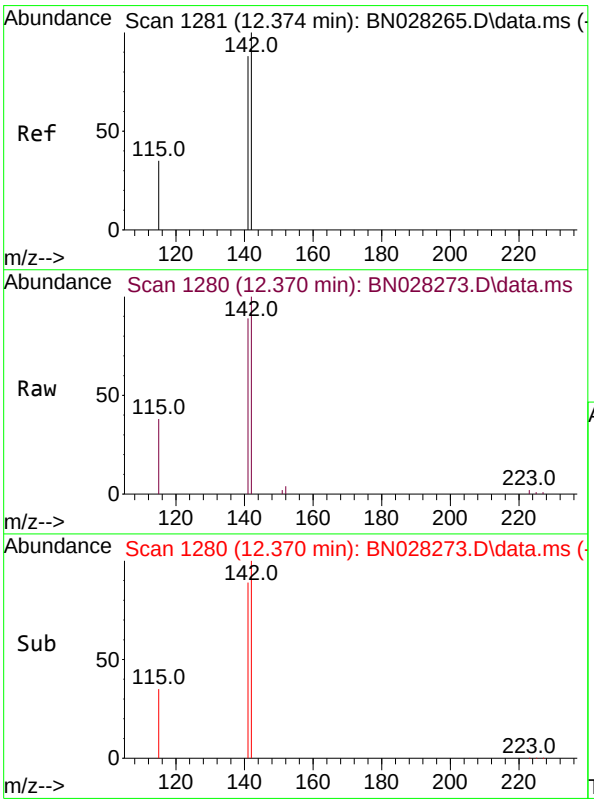
#11
2-Methylnaphthalene-d10
Concen: 0.394 ng
RT: 12.294 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6923

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1

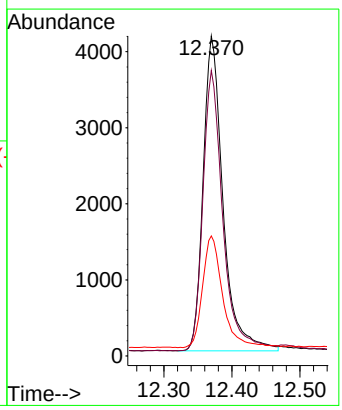


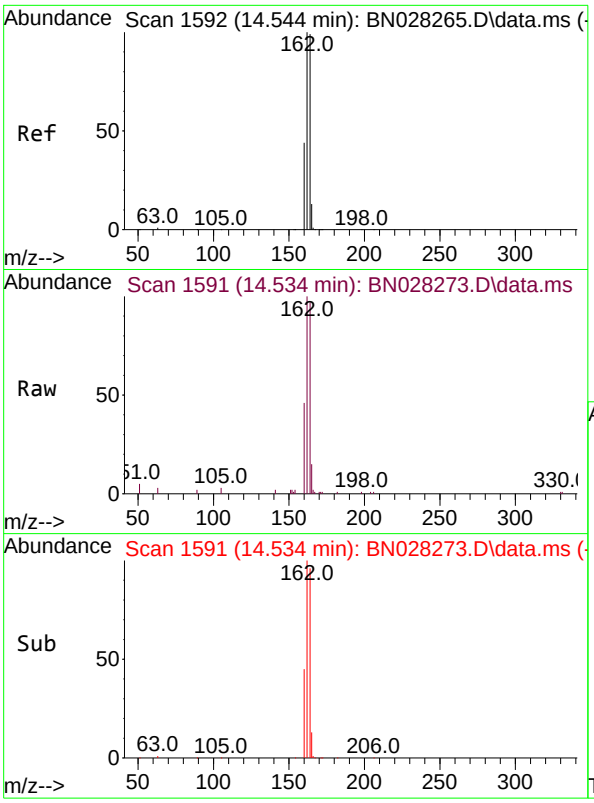


#12
2-Methylnaphthalene
Concen: 0.391 ng
RT: 12.370 min Scan# 1280
Delta R.T. -0.004 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:142 Resp: 8422

Ion	Ratio	Lower	Upper
142	100		
141	89.2	71.1	106.7
115	37.5	29.9	44.9



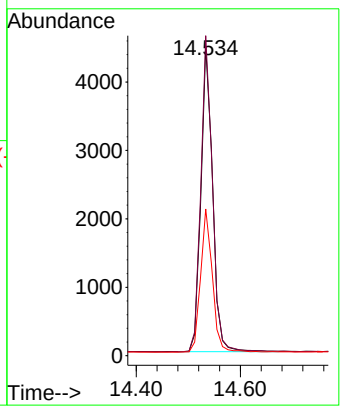


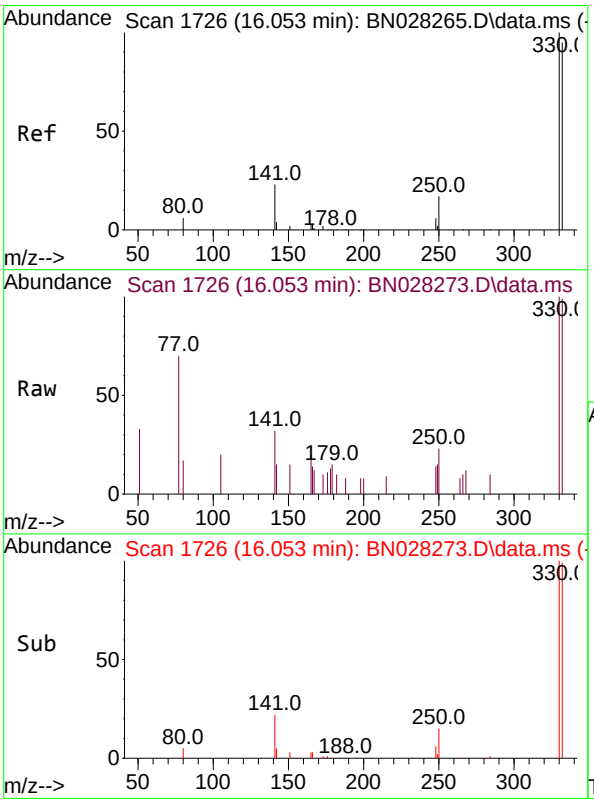
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.534 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 6962

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.1	121.7
160	47.5	36.6	54.8

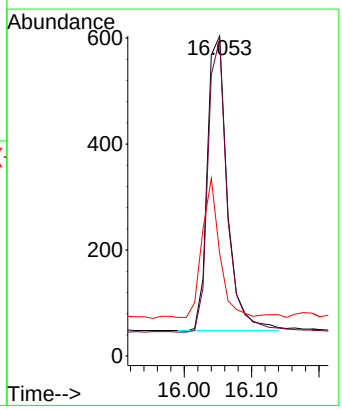


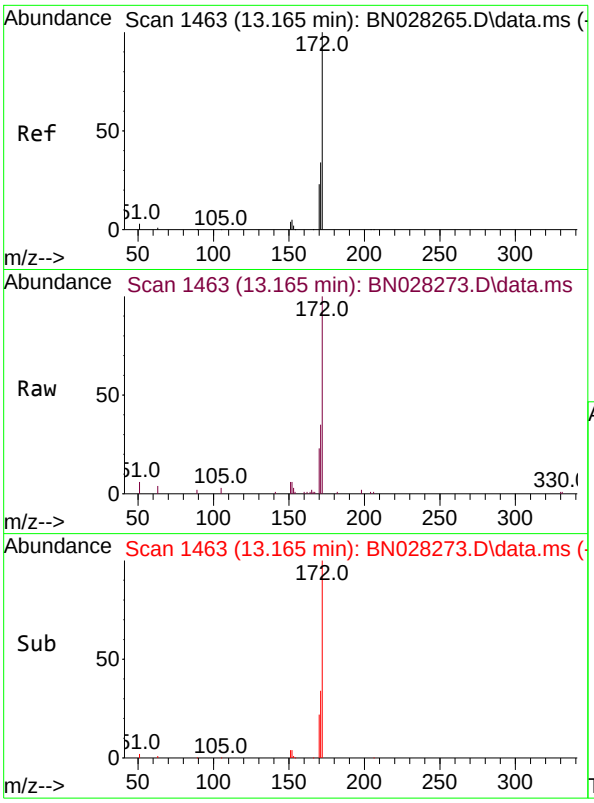


#14
2,4,6-Tribromophenol
Concen: 0.338 ng
RT: 16.053 min Scan# 1726
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:330 Resp: 1146

Ion	Ratio	Lower	Upper
330	100		
332	96.9	74.1	111.1
141	41.2	32.1	48.1



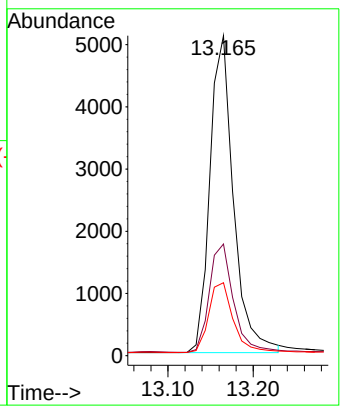


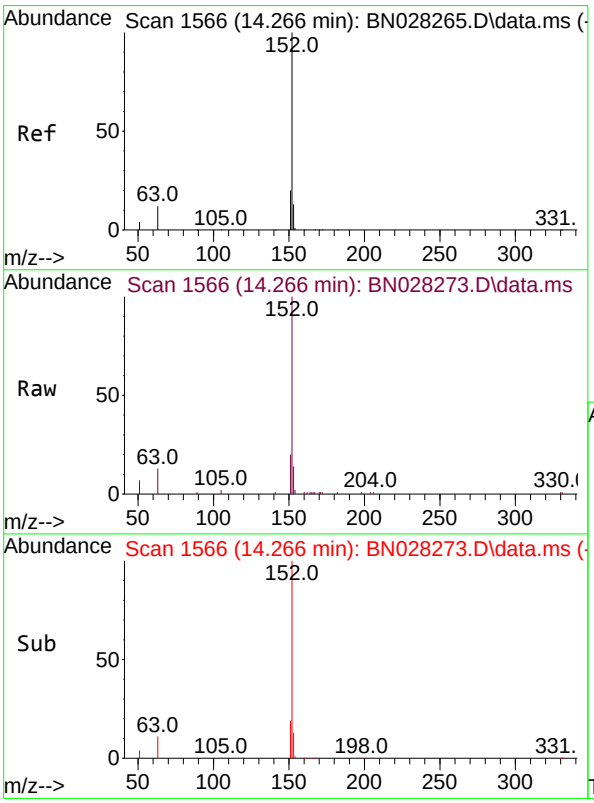
#15
2-Fluorobiphenyl
Concen: 0.401 ng
RT: 13.165 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 9812

Ion	Ratio	Lower	Upper
172	100		
171	34.9	28.3	42.5
170	22.8	18.7	28.1

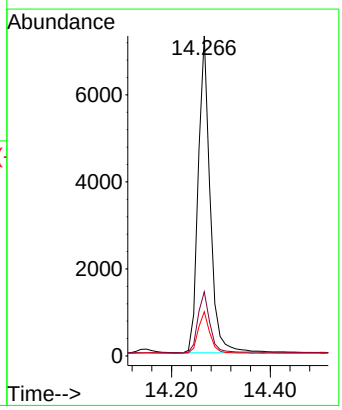


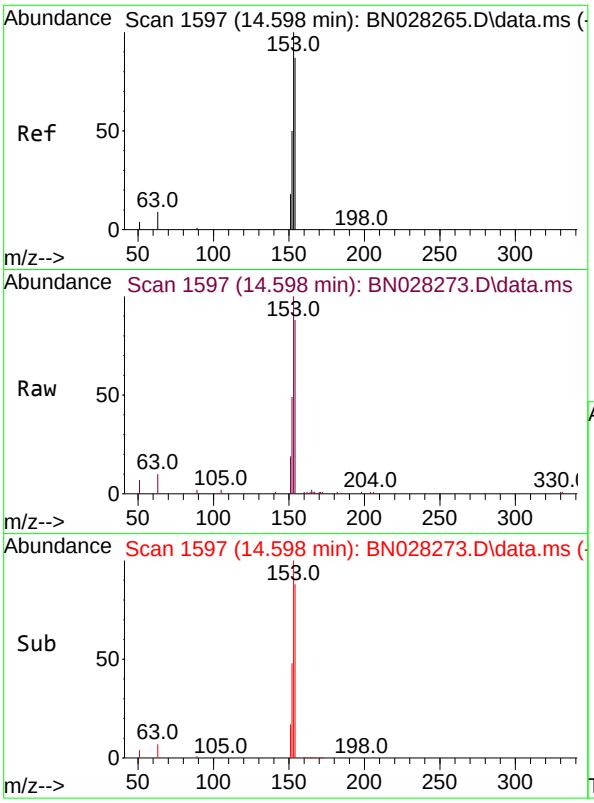


#16
Acenaphthylene
Concen: 0.389 ng
RT: 14.266 min Scan# 1566
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:152 Resp: 12158

Ion	Ratio	Lower	Upper
152	100		
151	19.3	15.6	23.4
153	13.2	10.6	16.0



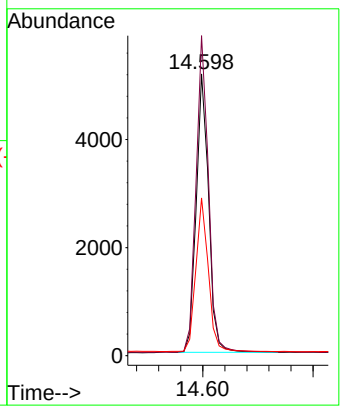


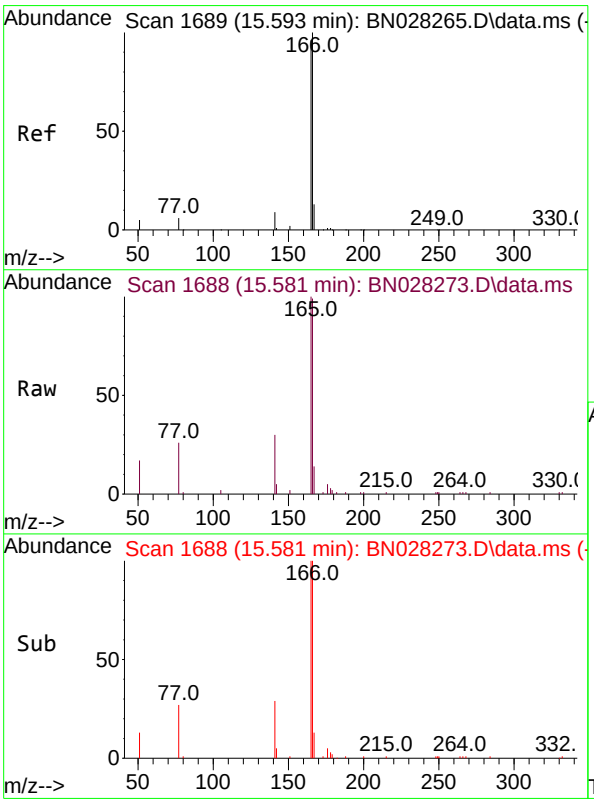
#17
Acenaphthene
Concen: 0.409 ng
RT: 14.598 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 8054

Ion	Ratio	Lower	Upper
154	100		
153	114.6	90.7	136.1
152	55.3	43.6	65.4

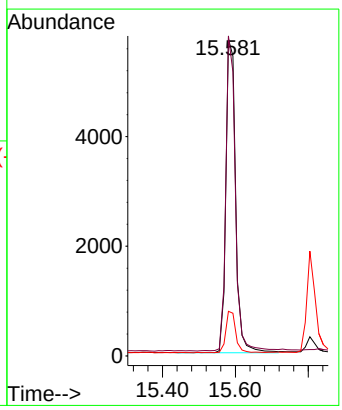


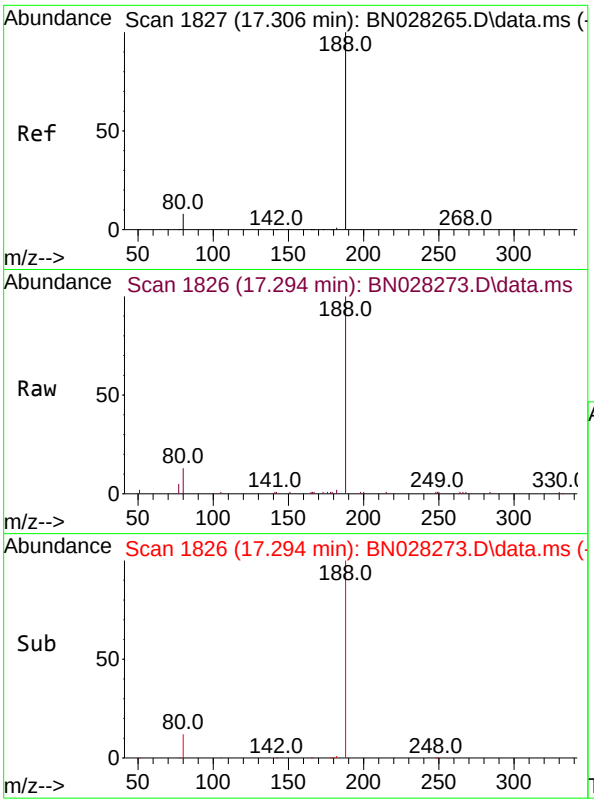


#18
Fluorene
Concen: 0.397 ng
RT: 15.581 min Scan# 1688
Delta R.T. -0.013 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:166 Resp: 10310

Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.3	118.9
167	13.8	10.9	16.3



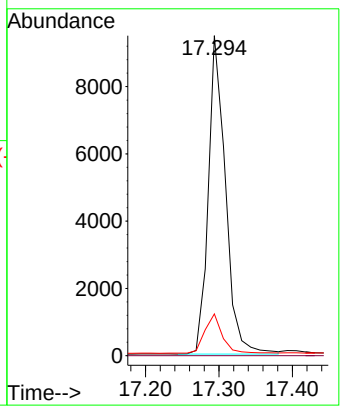


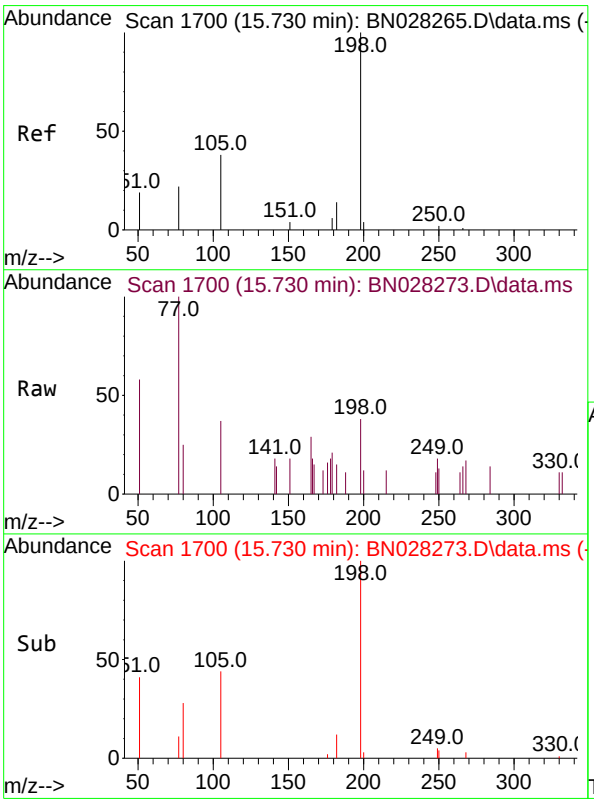
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.294 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 15357

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.0	7.1	10.7#

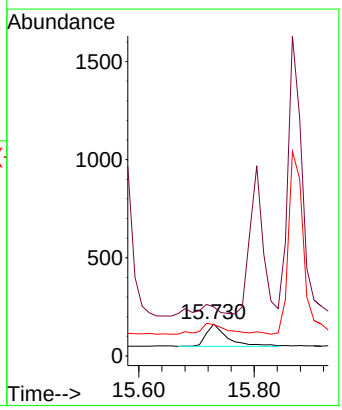


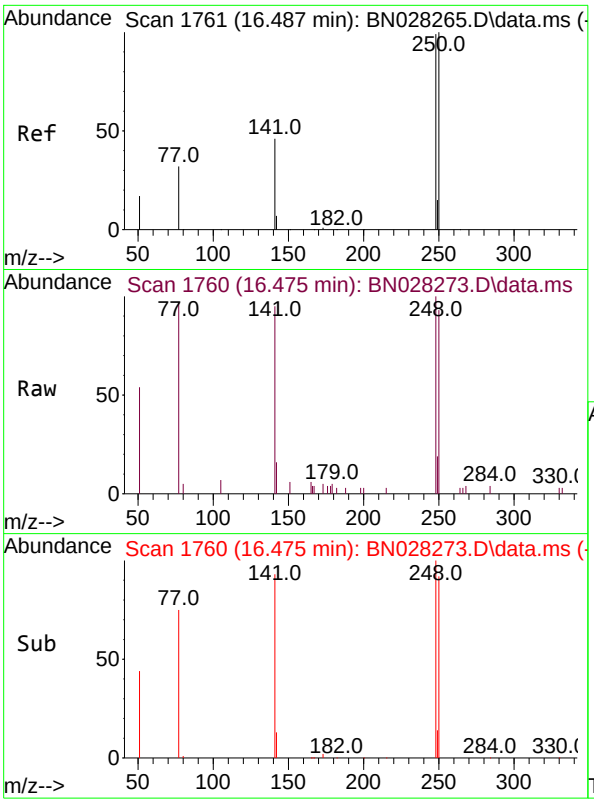


#20
4,6-Dinitro-2-methylphenol
Concen: 0.444 ng
RT: 15.730 min Scan# 1700
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:198 Resp: 285

Ion	Ratio	Lower	Upper
198	100		
51	154.3	96.1	144.1#
105	98.8	75.4	113.0



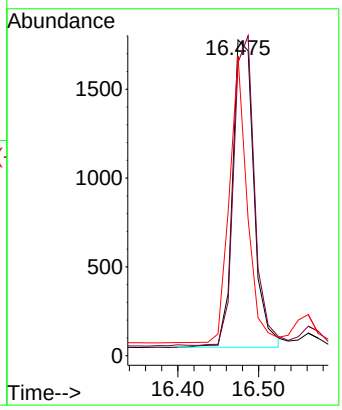


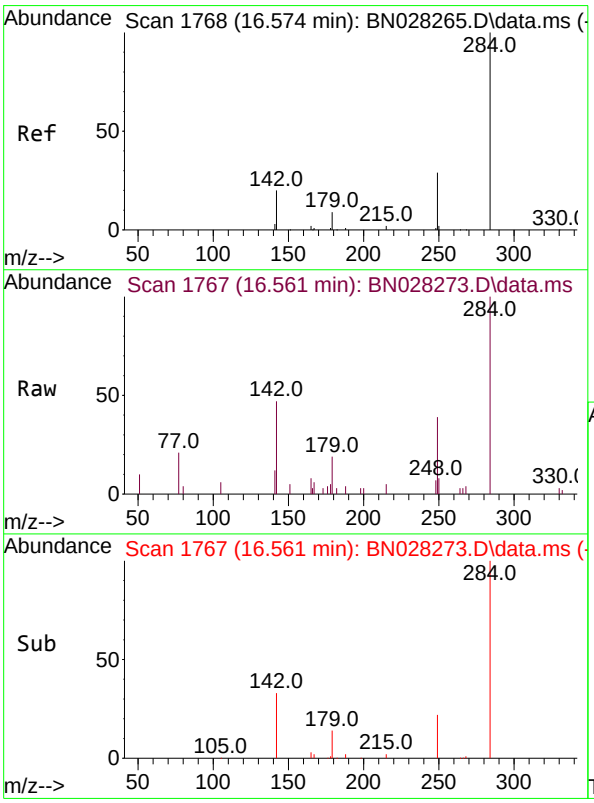
#21
4-Bromophenyl-phenylether
Concen: 0.403 ng
RT: 16.475 min Scan# 1
Delta R.T. -0.013 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:248 Resp: 3188

Ion	Ratio	Lower	Upper
248	100		
250	92.8	80.5	120.7
141	94.9	38.9	58.3#

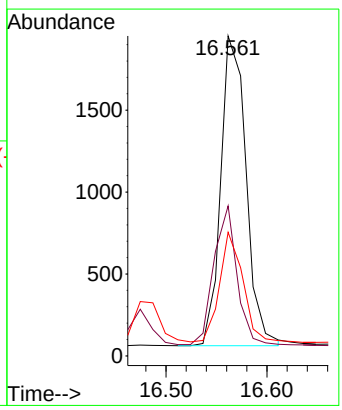


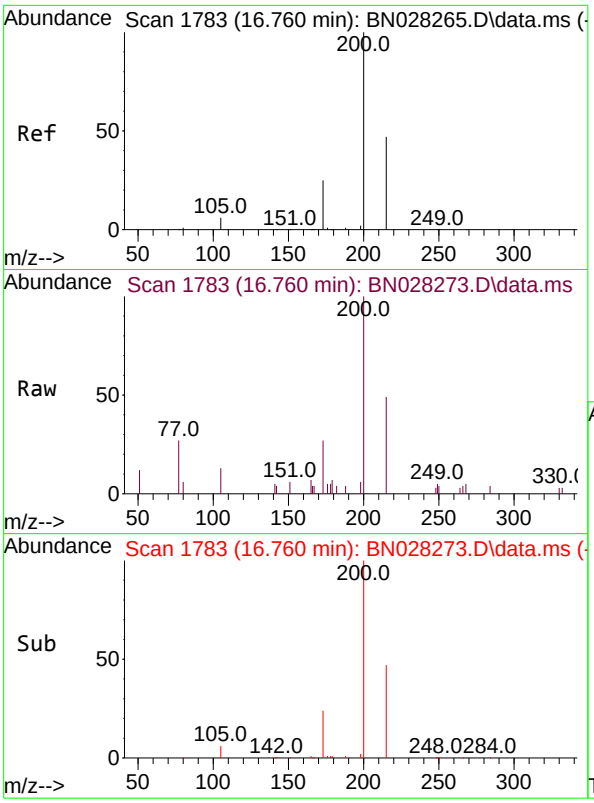


#22
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.561 min Scan# 1767
Delta R.T. -0.013 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:284 Resp: 3295

Ion	Ratio	Lower	Upper
284	100		
142	40.5	32.1	48.1
249	32.4	25.5	38.3



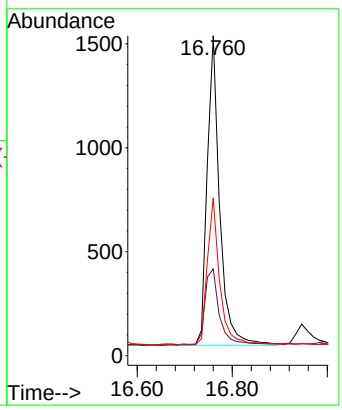


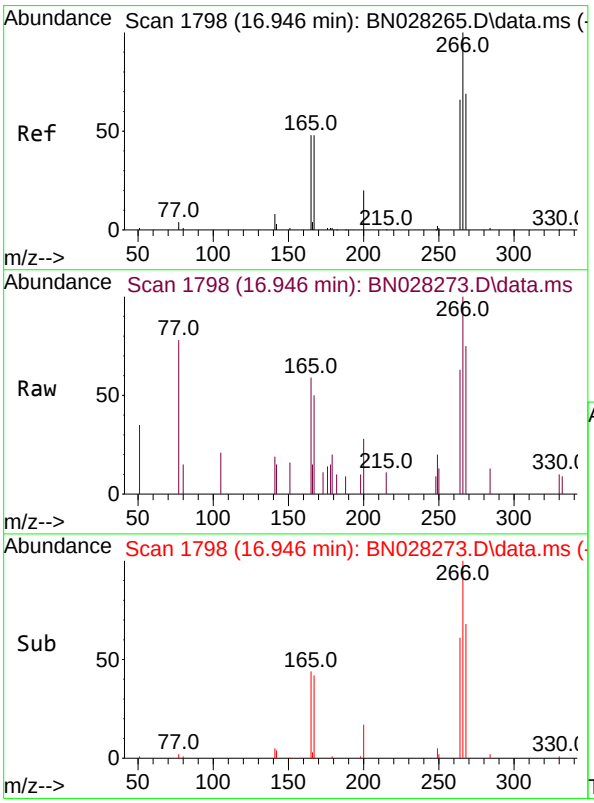
#23
Atrazine
Concen: 0.369 ng
RT: 16.760 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:200 Resp: 2736

Ion	Ratio	Lower	Upper
200	100		
173	27.1	21.6	32.4
215	49.2	39.0	58.6

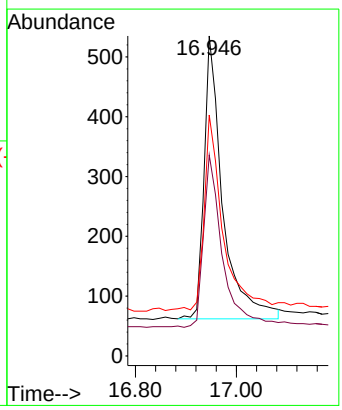


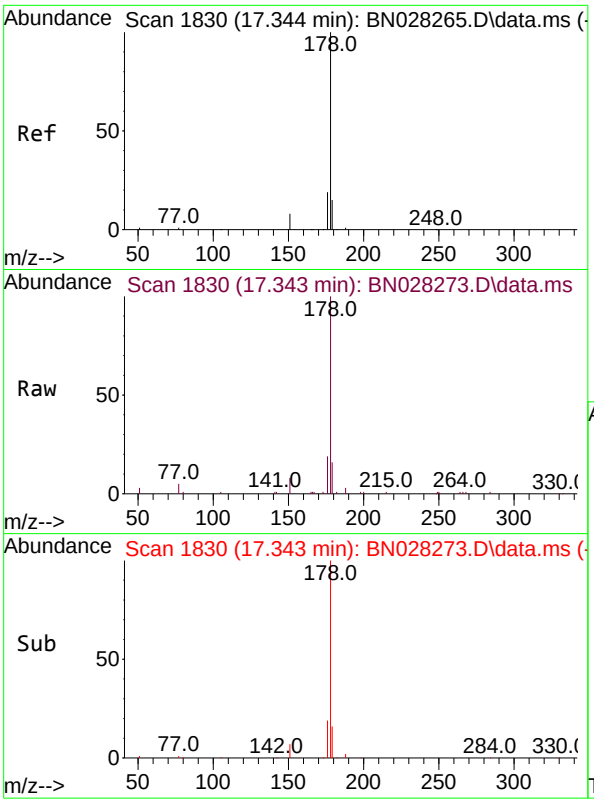


#24
Pentachlorophenol
Concen: 0.326 ng
RT: 16.946 min Scan# 1798
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:266 Resp: 1212

Ion	Ratio	Lower	Upper
266	100		
264	61.2	51.5	77.3
268	69.6	56.6	84.8



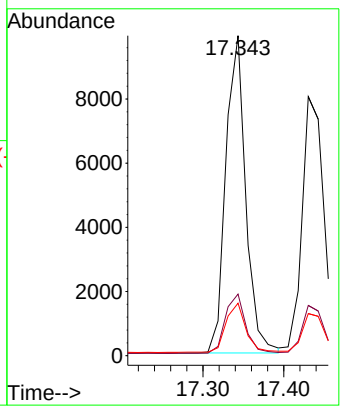


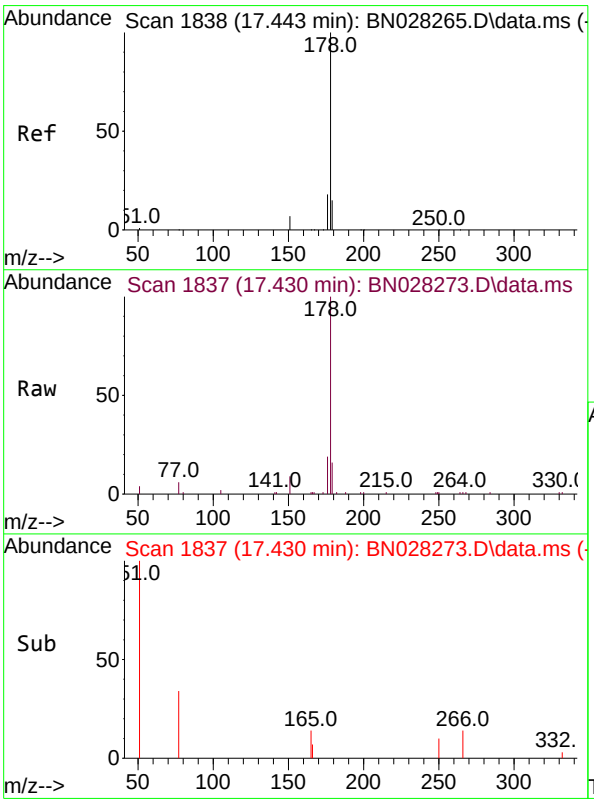
#25
Phenanthrene
Concen: 0.404 ng
RT: 17.343 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 16983

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.7	12.5	18.7

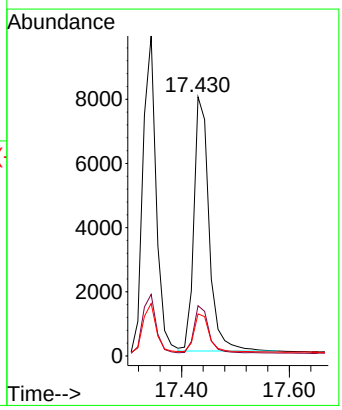


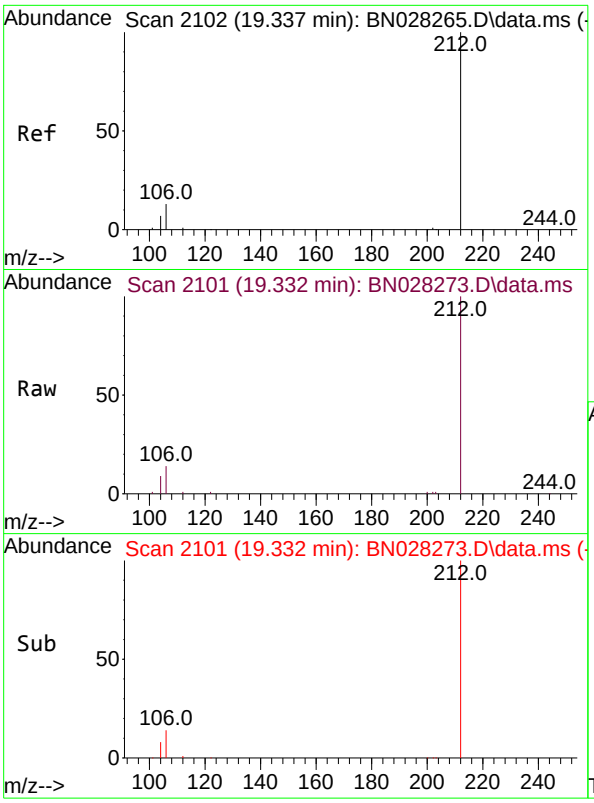


#26
Anthracene
Concen: 0.388 ng
RT: 17.430 min Scan# 1837
Delta R.T. -0.013 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:178 Resp: 15572

Ion	Ratio	Lower	Upper
178	100		
176	18.4	14.6	22.0
179	15.2	12.2	18.4



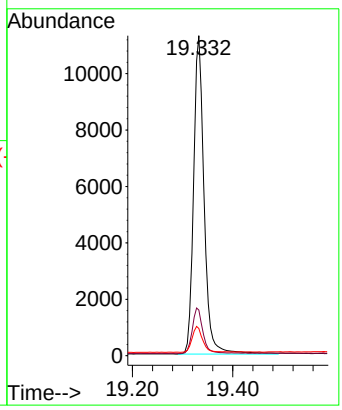


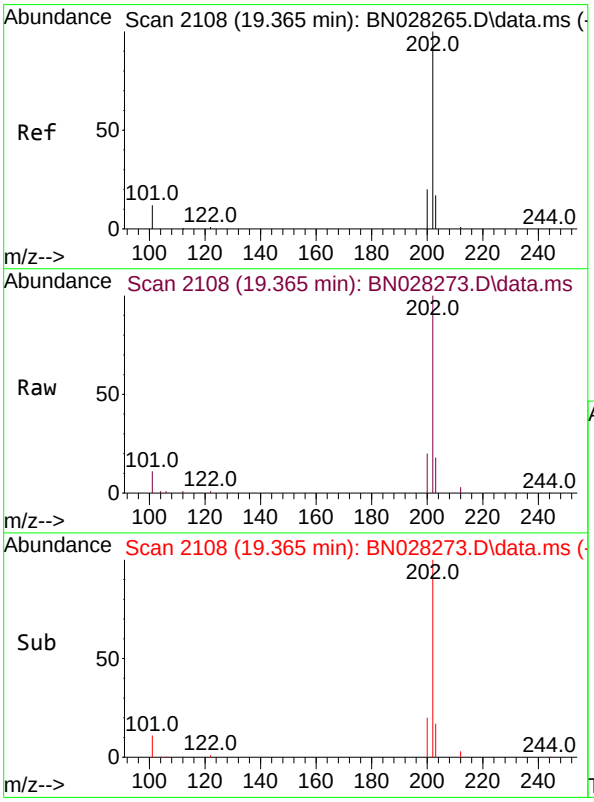
#27
Fluoranthene-d10
Concen: 0.398 ng
RT: 19.332 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 16359

Ion	Ratio	Lower	Upper
212	100		
106	14.2	11.5	17.3
104	8.2	6.7	10.1

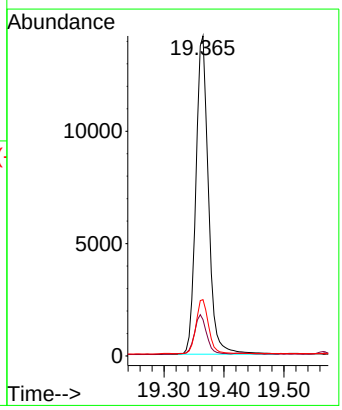


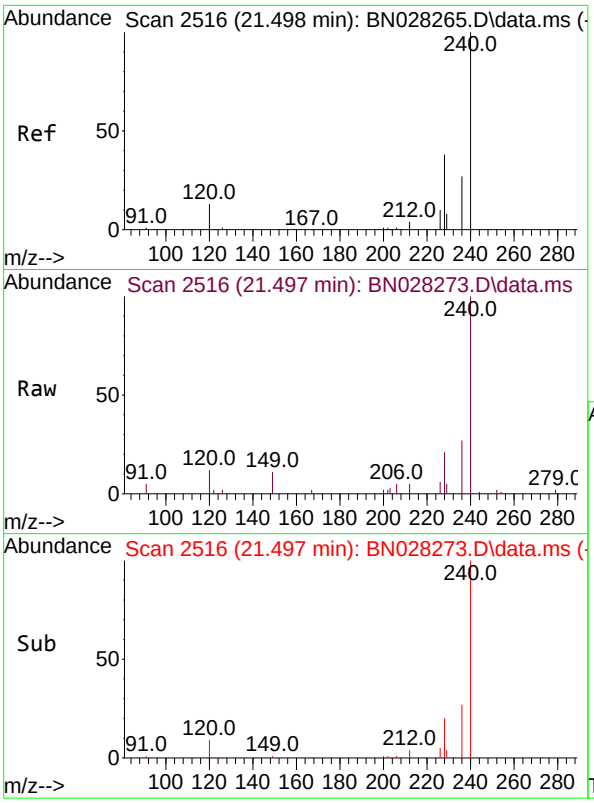


#28
Fluoranthene
Concen: 0.392 ng
RT: 19.365 min Scan# 2108
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:202 Resp: 20681

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.1	15.1
203	17.0	13.9	20.9



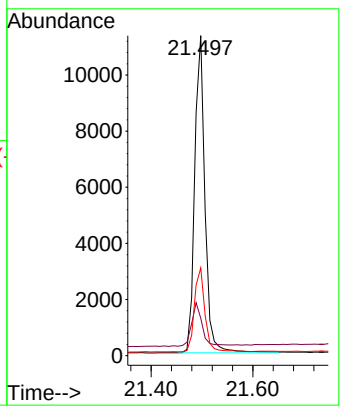


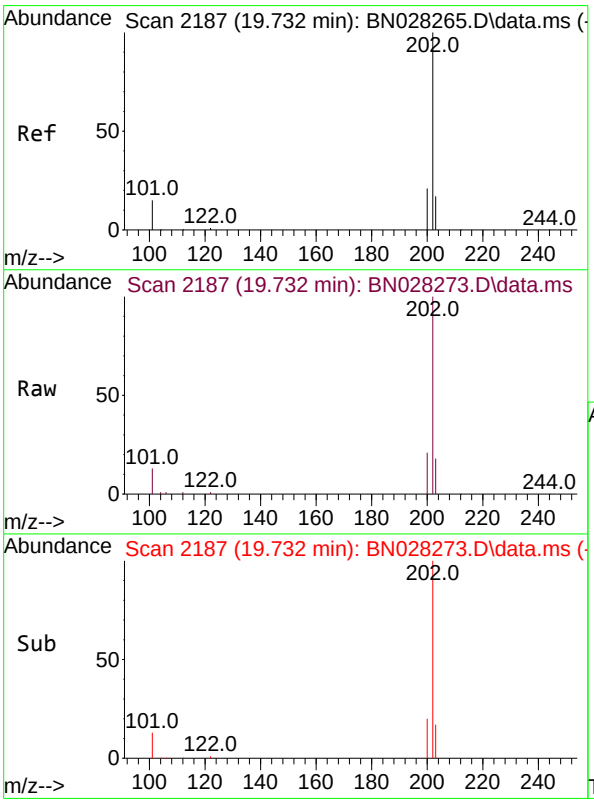
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.497 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 15826

Ion	Ratio	Lower	Upper
240	100		
120	11.7	13.4	20.0#
236	27.4	22.7	34.1

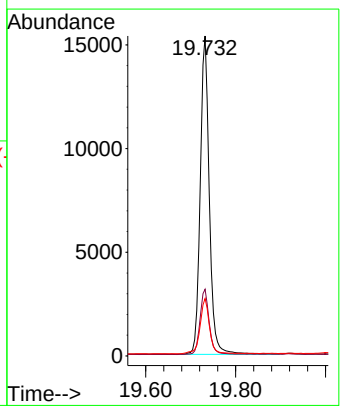


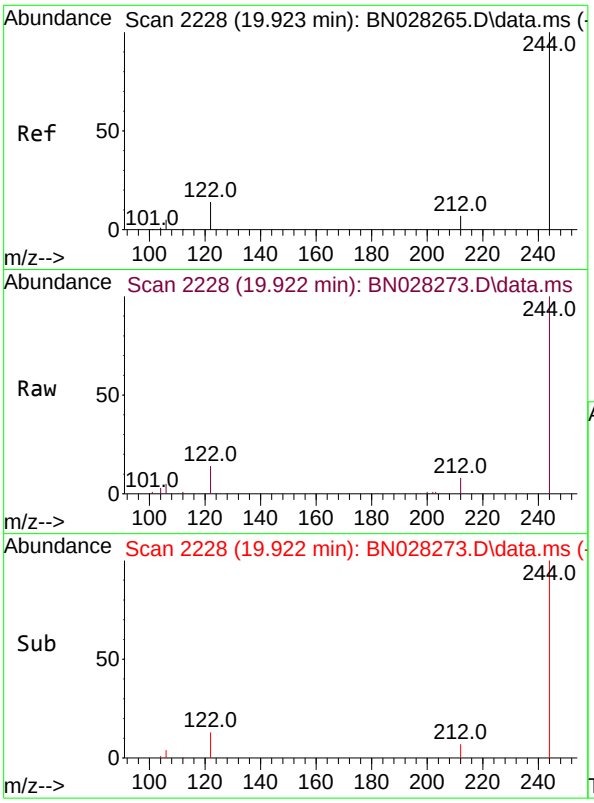


#30
Pyrene
Concen: 0.399 ng
RT: 19.732 min Scan# 2187
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:202 Resp: 21591

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.7	25.1
203	17.9	14.5	21.7



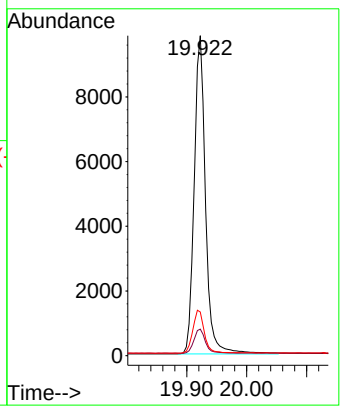


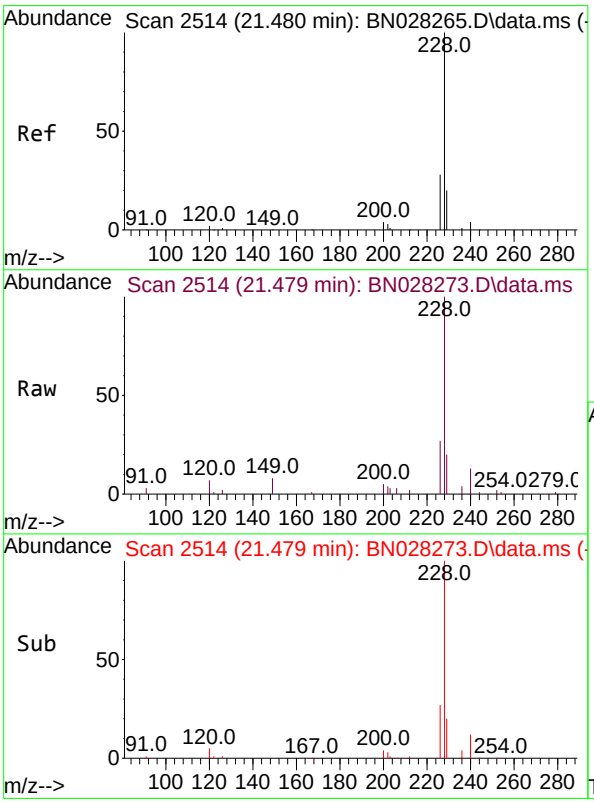
#31
Terphenyl-d14
Concen: 0.385 ng
RT: 19.922 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 12933

Ion	Ratio	Lower	Upper
244	100		
212	8.3	6.6	10.0
122	13.7	11.7	17.5

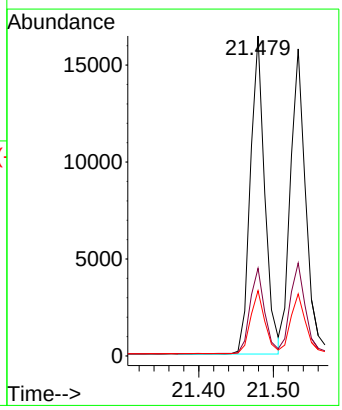


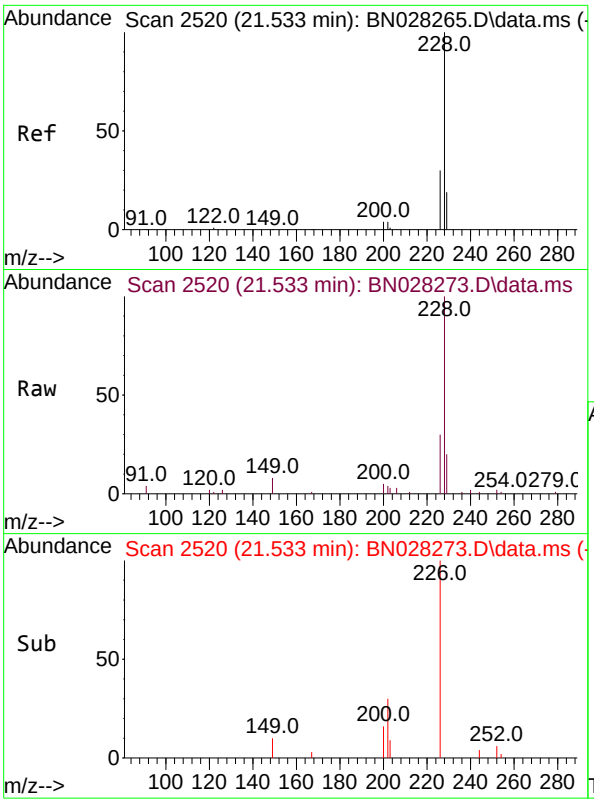


#32
Benzo(a)anthracene
Concen: 0.392 ng
RT: 21.479 min Scan# 2514
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:228 Resp: 22036

Ion	Ratio	Lower	Upper
228	100		
226	27.4	22.9	34.3
229	20.4	16.6	24.8



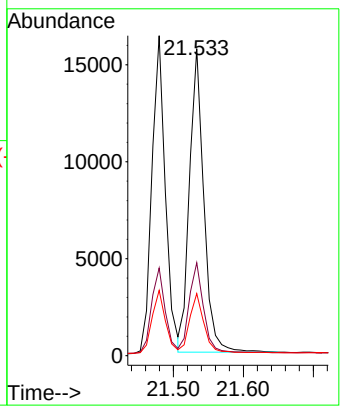


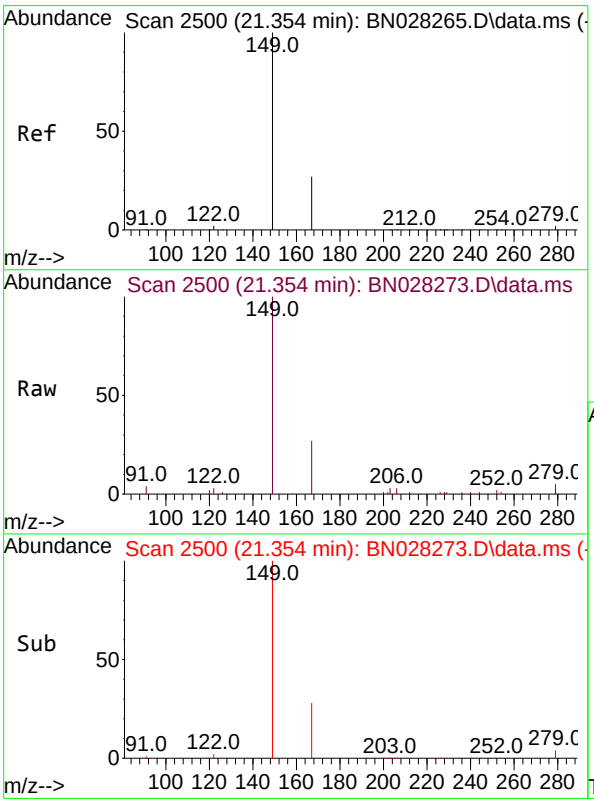
#33
Chrysene
Concen: 0.414 ng
RT: 21.533 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 22284

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.2	37.8
229	20.2	16.6	25.0

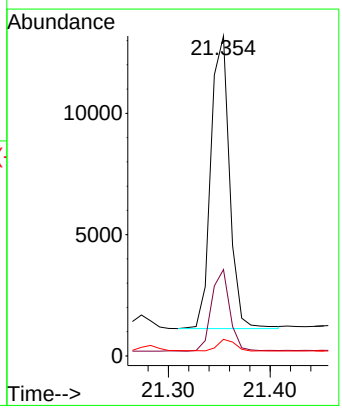


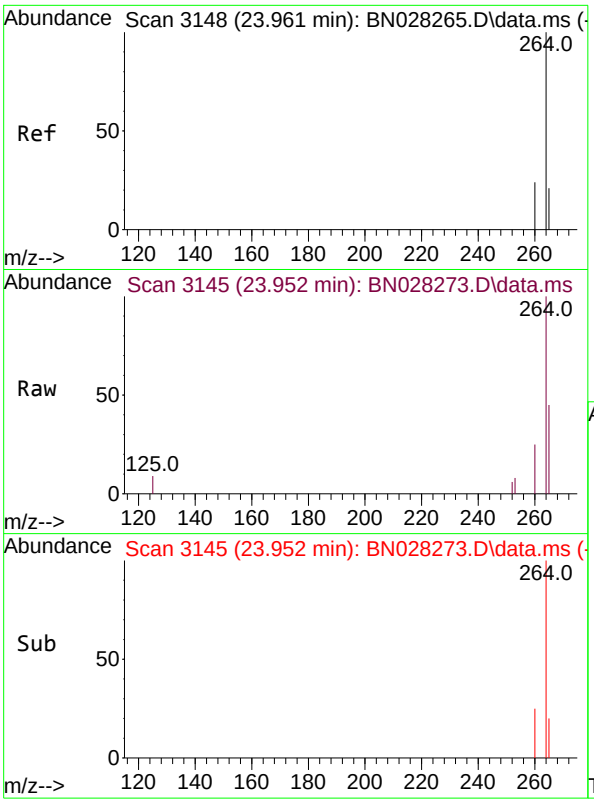


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.358 ng
RT: 21.354 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:149 Resp: 15383

Ion	Ratio	Lower	Upper
149	100		
167	27.5	22.6	34.0
279	3.8	4.2	6.2#



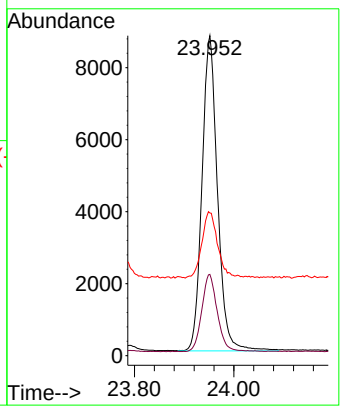


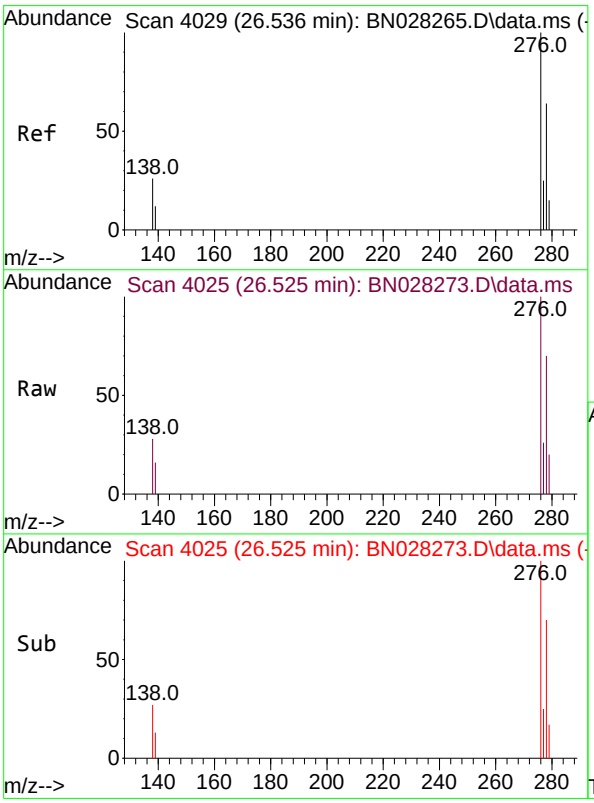
#35
Perylene-d12
Concen: 0.400 ng
RT: 23.952 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:264 Resp: 18961

Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.7	31.1
265	44.6	38.3	57.5

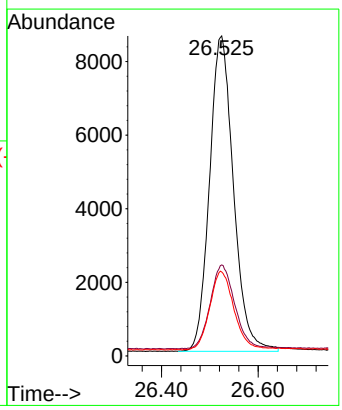


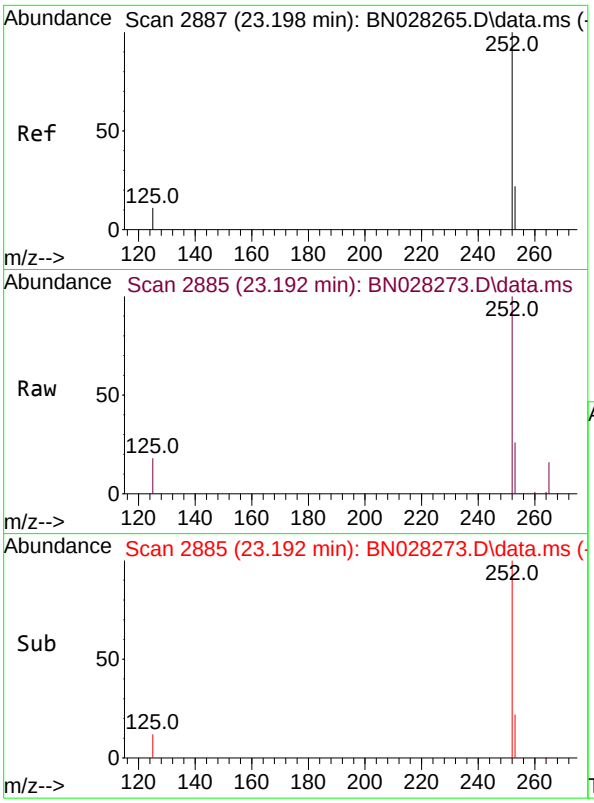


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 26.525 min Scan# 4025
Delta R.T. -0.012 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:276 Resp: 29533

Ion	Ratio	Lower	Upper
276	100		
138	27.1	21.3	31.9
277	25.3	20.0	30.0



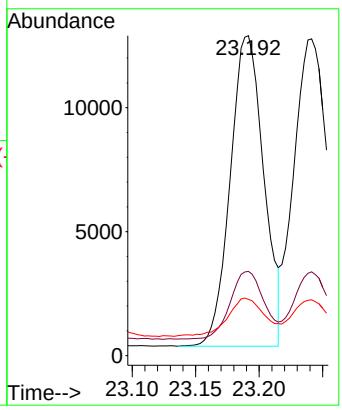


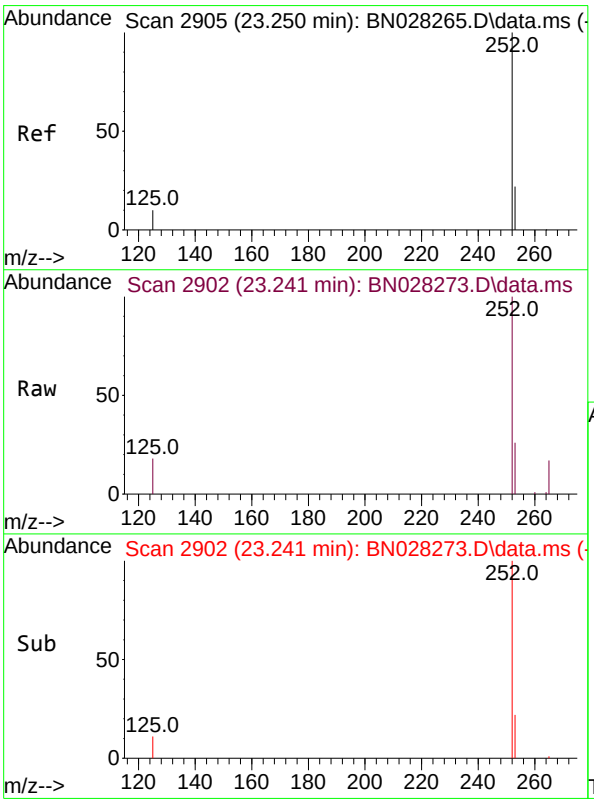
#37
Benzo(b)fluoranthene
Concen: 0.388 ng
RT: 23.192 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22971

Ion	Ratio	Lower	Upper
252	100		
253	26.4	21.8	32.8
125	17.6	15.6	23.4

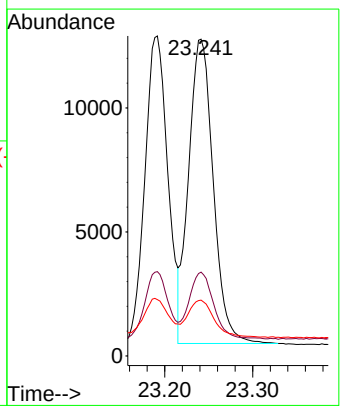


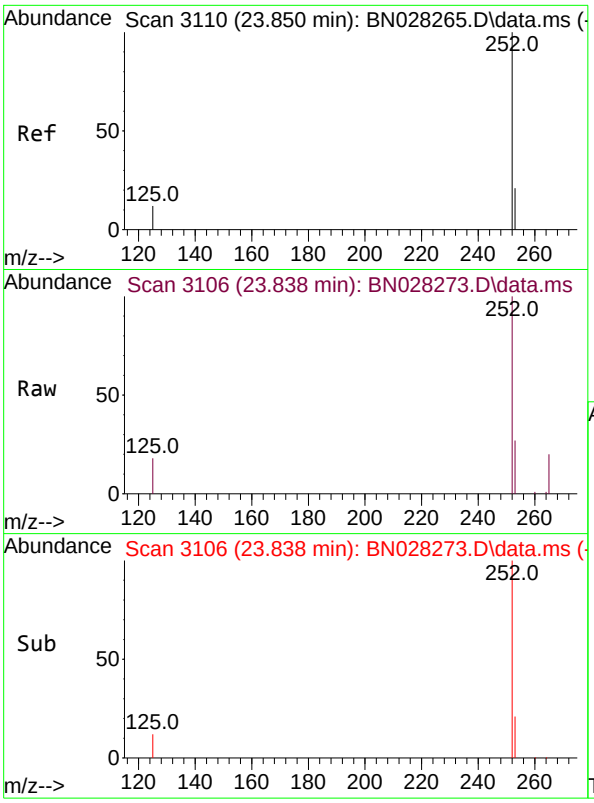


#38
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 23.241 min Scan# 2902
Delta R.T. -0.009 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:252 Resp: 23890

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.0	33.0
125	17.6	15.3	22.9



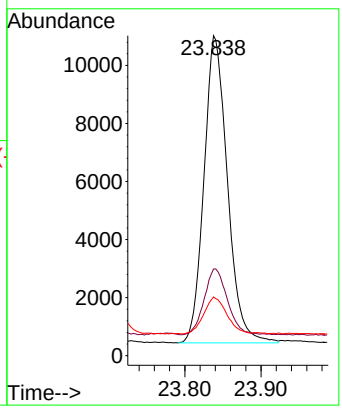


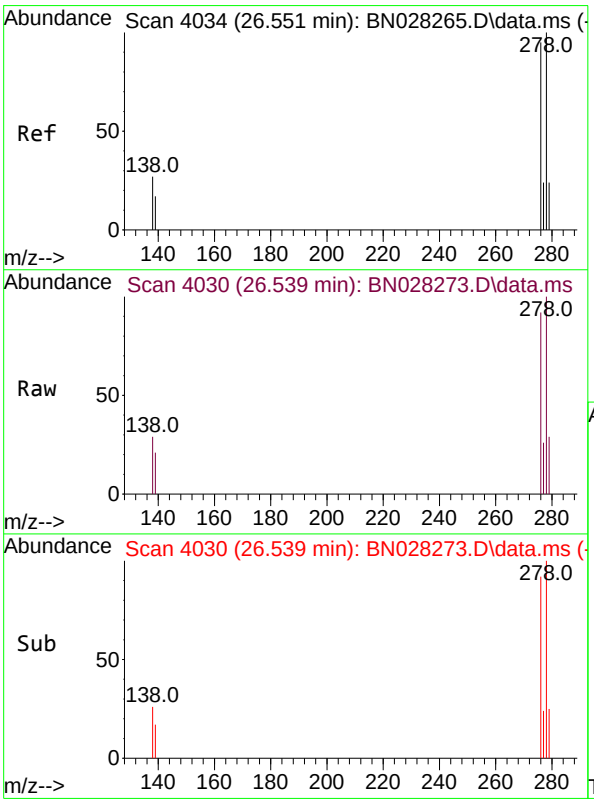
#39
Benzo(a)pyrene
Concen: 0.384 ng
RT: 23.838 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 22612

Ion	Ratio	Lower	Upper
252	100		
253	27.1	22.7	34.1
125	18.4	17.0	25.6

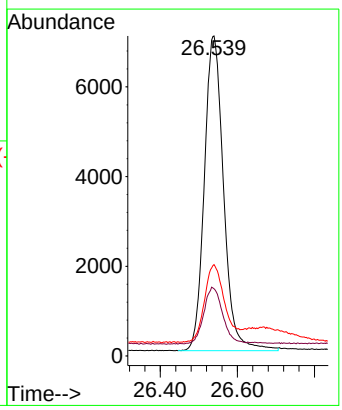


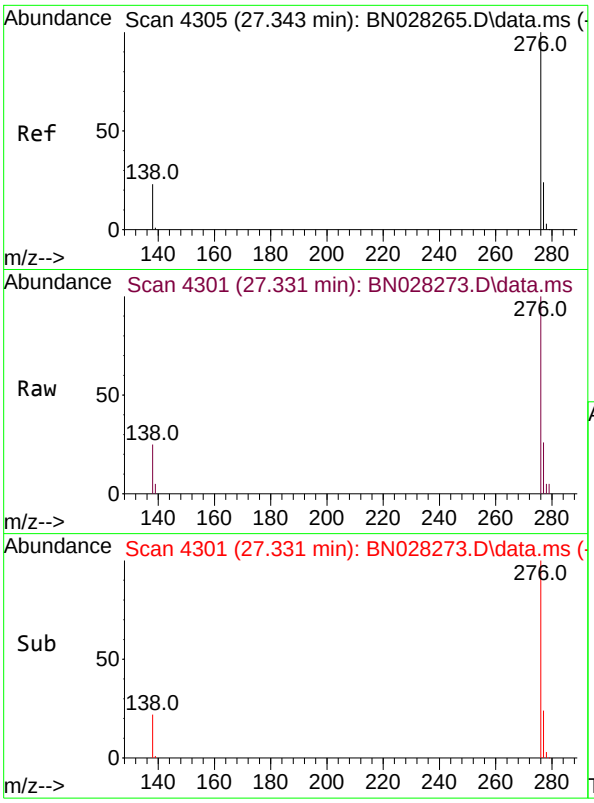


#40
Dibenzo(a,h)anthracene
Concen: 0.392 ng
RT: 26.539 min Scan# 4030
Delta R.T. -0.012 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Tgt Ion:278 Resp: 24336

Ion	Ratio	Lower	Upper
278	100		
139	21.0	18.8	28.2
279	28.5	23.5	35.3





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 27.331 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN028273.D
Acq: 13 Oct 2023 09:52

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 25142

Ion	Ratio	Lower	Upper
276	100		
277	25.6	21.7	32.5
138	25.1	21.7	32.5