Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021740.D
Acq On : 14 Sep 2022 10:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 15 02:07:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.054	152	5074	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	15707	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	9359	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	20676	0.400	ng		0.00
29) Chrysene-d12	21.656	240	15829	0.400	ng		0.00
35) Perylene-d12	24.165	264	12466	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	4787	0.361	ng		0.00
5) Phenol-d6	7.209	99	5874	0.349	ng		0.00
8) Nitrobenzene-d5	9.232	82	4651	0.358	ng		0.00
11) 2-Methylnaphthalene-d10	12.471	152	14336	0.362	ng		0.00
14) 2,4,6-Tribromophenol	16.197	330	1379	0.322	ng		-0.01
15) 2-Fluorobiphenyl	13.339	172	14899	0.390	ng		0.00
27) Fluoranthene-d10	19.490	212	20426	0.367	ng		0.00
31) Terphenyl-d14	20.080	244	14122	0.390	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2530	0.386	ng		96
3) n-Nitrosodimethylamine	3.735	42	2576	0.387	ng		91
6) bis(2-Chloroethyl)ether	7.469	93	6330	0.379	ng		99
9) Naphthalene	10.930	128	17630	0.380	ng		99
10) Hexachlorobutadiene	11.218	225	3023	0.390	ng	#	99
12) 2-Methylnaphthalene	12.172	142	3069	0.308	ng		100
16) Acenaphthylene	14.429	152	15651	0.350	ng		100
17) Acenaphthene	14.771	154	11587	0.379	ng		100
18) Fluorene	15.758	166	15312	0.377	ng		100
21) 4-Bromophenyl-phenylether	16.647	248	4726	0.371	ng		94
22) Hexachlorobenzene	16.763	284	5572	0.389	ng		100
23) Atrazine	16.913	200	3472	0.330	ng		99
24) Pentachlorophenol	17.109	266	2176	0.405	ng		99
25) Phenanthrene	17.502	178	26423	0.381	ng		100
26) Anthracene	17.594	178	20745	0.353	ng		99
28) Fluoranthene	19.519	202	27941	0.374	ng		100
30) Pyrene	19.886	202	30658	0.390	ng		98
32) Benzo(a)anthracene	21.638	228	22196	0.366	ng		100
33) Chrysene	21.692	228	25021	0.397	ng		99
34) Bis(2-ethylhexyl)phtha...	21.548	149	11626	0.287	ng		99
36) Indeno(1,2,3-cd)pyrene	26.805	276	23528	0.397	ng		100
37) Benzo(b)fluoranthene	23.388	252	22340	0.395	ng		100
38) Benzo(k)fluoranthene	23.440	252	21405	0.387	ng		99
39) Benzo(a)pyrene	24.051	252	16655	0.369	ng		100
40) Dibenzo(a,h)anthracene	26.826	278	18523	0.395	ng		100
41) Benzo(g,h,i)perylene	27.618	276	19774	0.410	ng		100

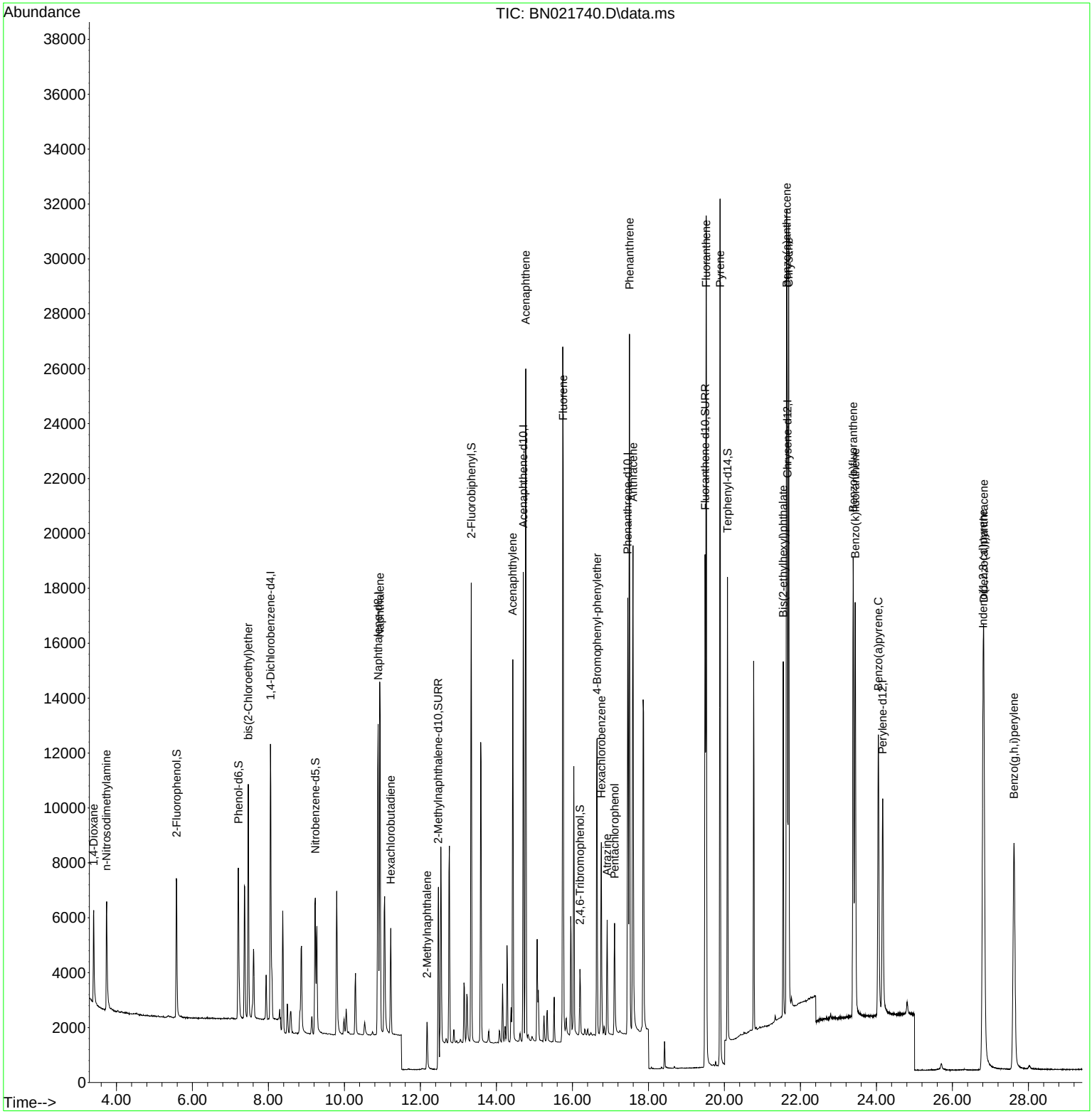
(#) = qualifier out of range (m) = manual integration (+) = signals summed

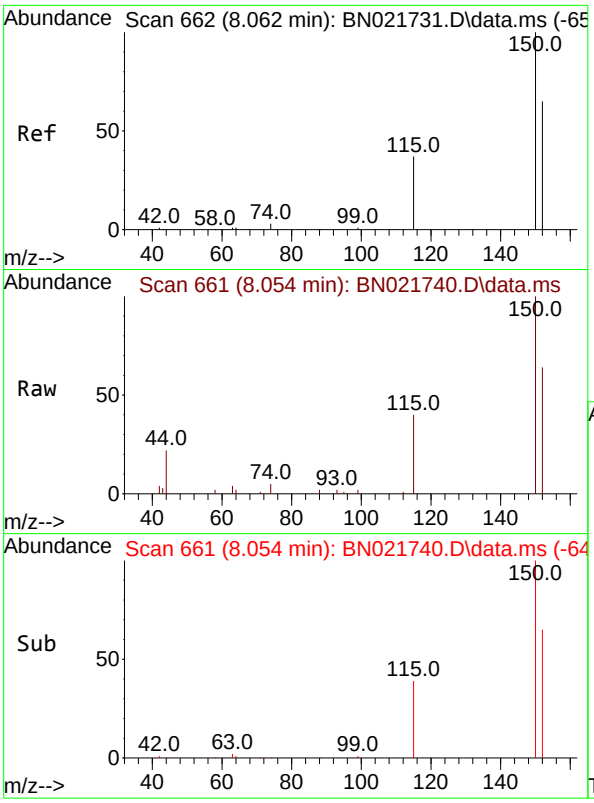
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021740.D
Acq On : 14 Sep 2022 10:41
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 15 02:07:53 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 14 01:55:04 2022
Response via : Initial Calibration



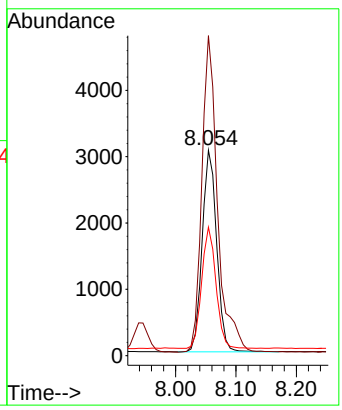


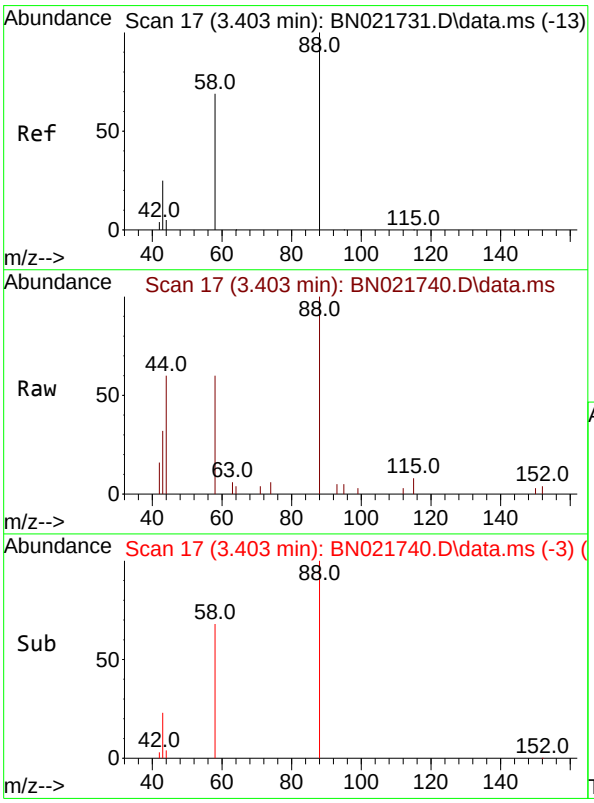
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 5074

Ion	Ratio	Lower	Upper
152	100		
150	155.8	121.8	182.8
115	62.6	48.3	72.5

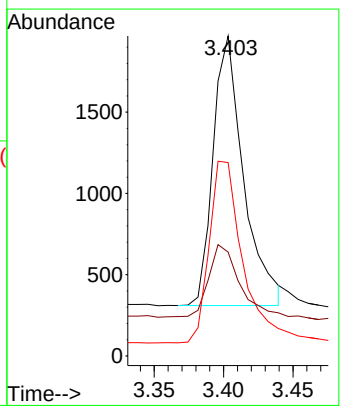


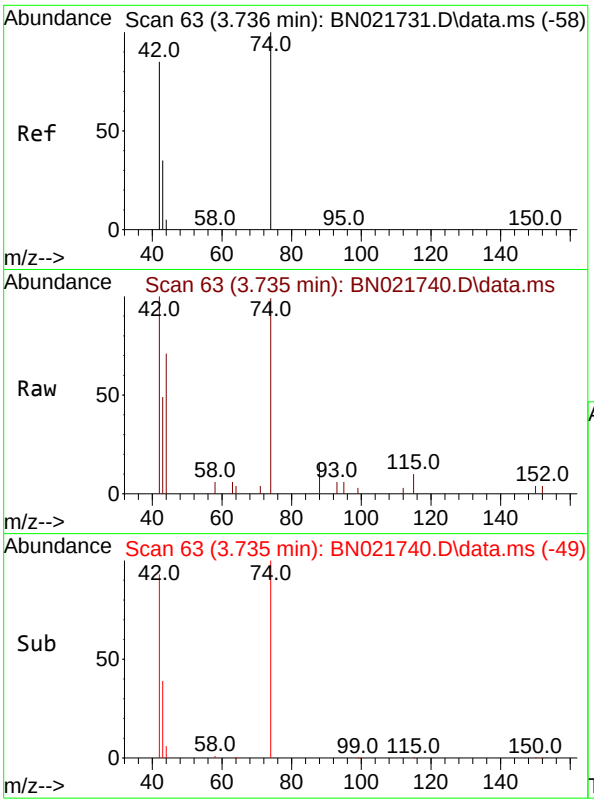


#2
1,4-Dioxane
Concen: 0.386 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion: 88 Resp: 2530

Ion	Ratio	Lower	Upper
88	100		
43	26.8	24.2	36.2
58	73.0	60.2	90.4



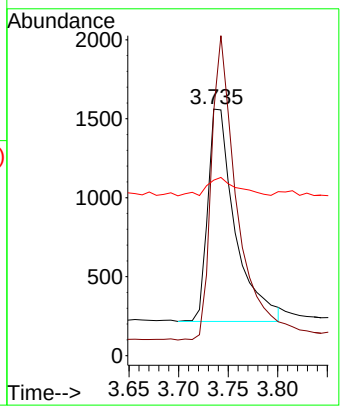


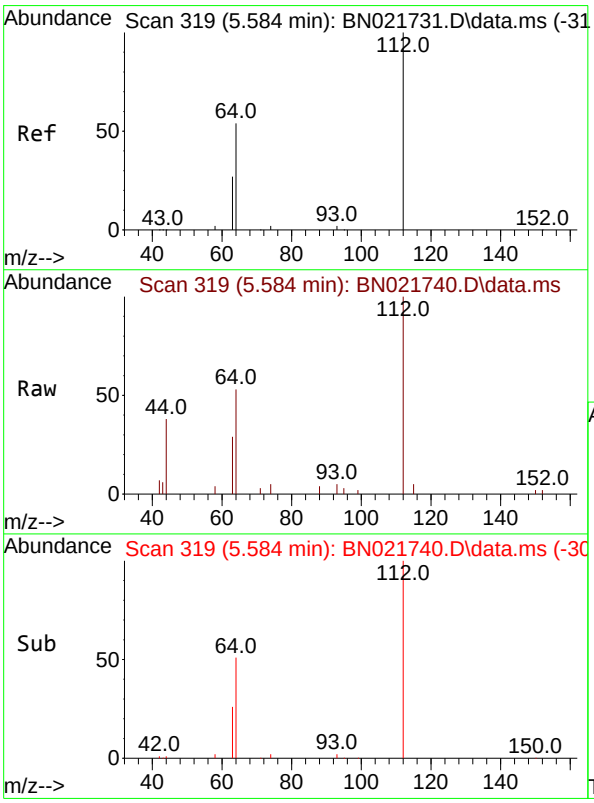
#3
n-Nitrosodimethylamine
Concen: 0.387 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2576

Ion	Ratio	Lower	Upper
42	100		
74	133.5	116.3	174.5
44	9.4	9.0	13.4

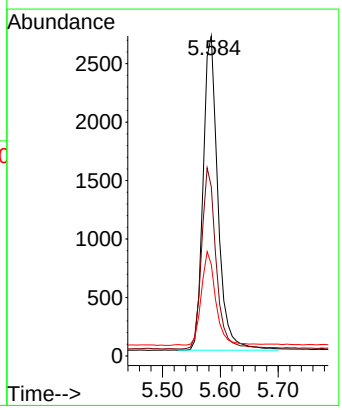


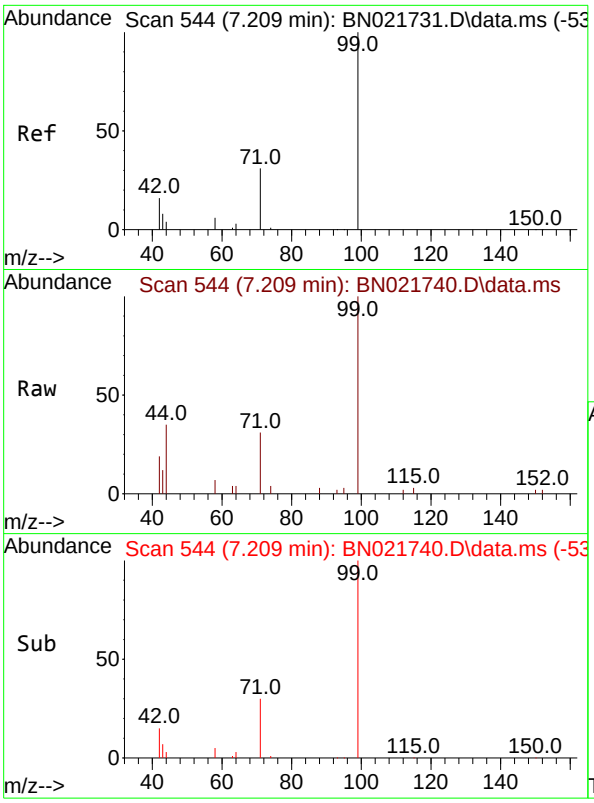


#4
2-Fluorophenol
Concen: 0.361 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:112 Resp: 4787

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.4	68.2
63	29.0	23.3	34.9



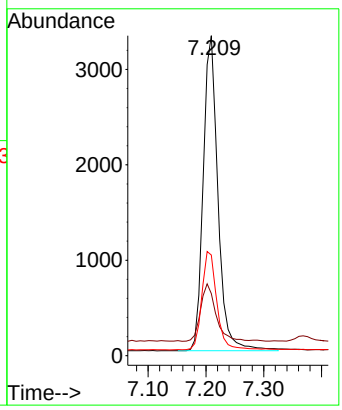


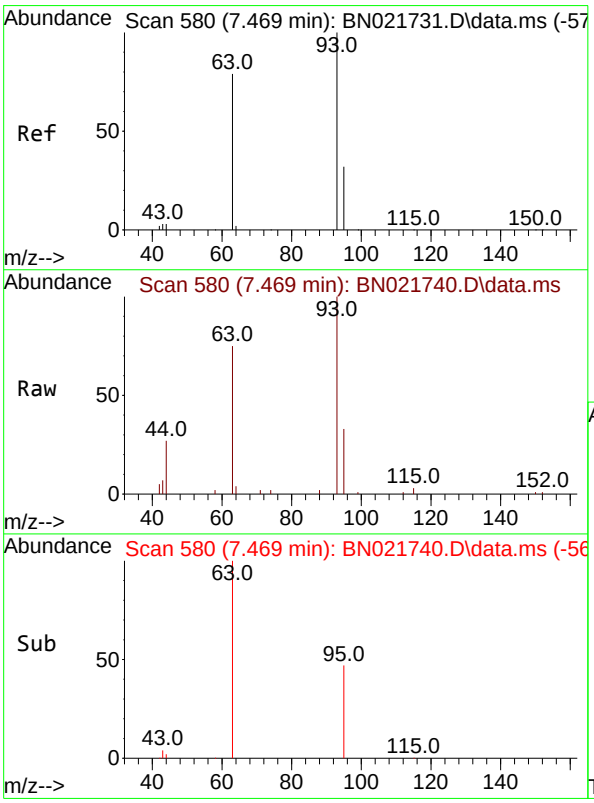
#5
Phenol-d6
Concen: 0.349 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 5874

Ion	Ratio	Lower	Upper
99	100		
42	18.9	15.1	22.7
71	31.9	25.3	37.9

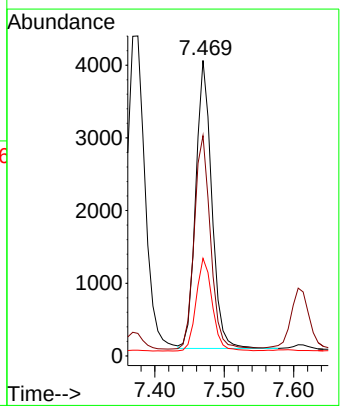


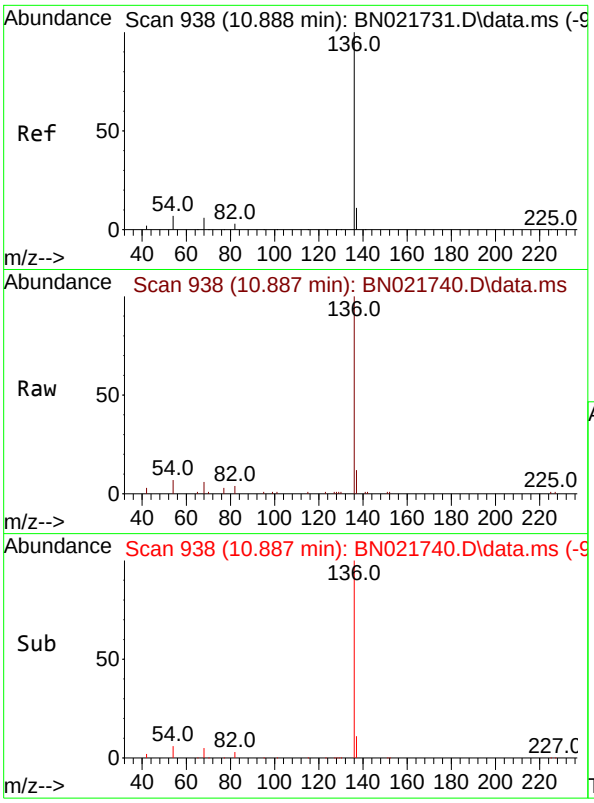


#6
bis(2-Chloroethyl)ether
Concen: 0.379 ng
RT: 7.469 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion: 93 Resp: 6330

Ion	Ratio	Lower	Upper
93	100		
63	75.6	60.0	90.0
95	32.4	26.2	39.4



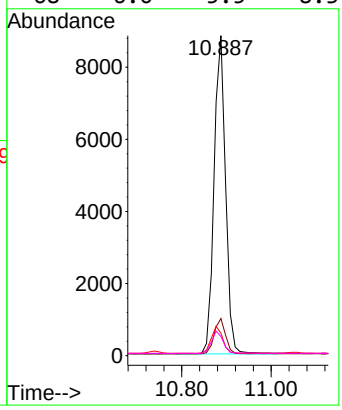


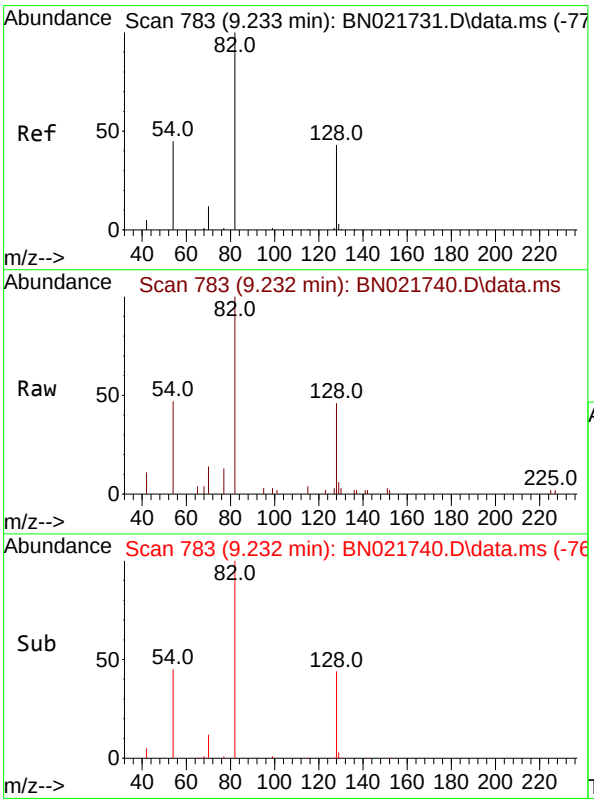
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 15707

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.0	6.4	9.6
68	6.0	5.5	8.3

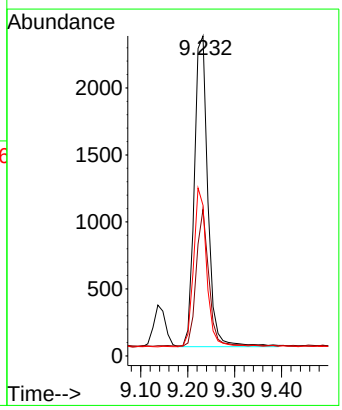


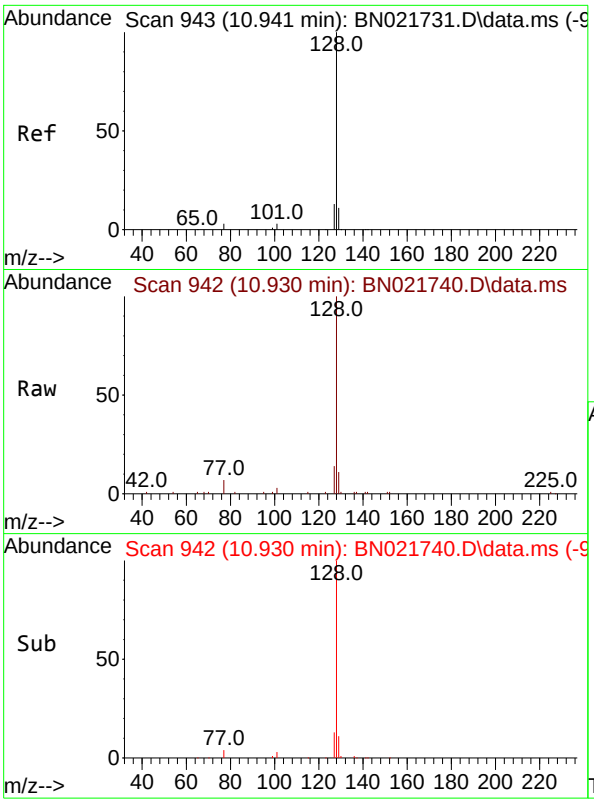


#8
Nitrobenzene-d5
Concen: 0.358 ng
RT: 9.232 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion: 82 Resp: 4651

Ion	Ratio	Lower	Upper
82	100		
128	45.8	35.6	53.4
54	47.1	37.8	56.8



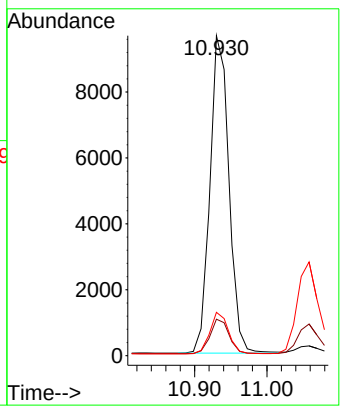


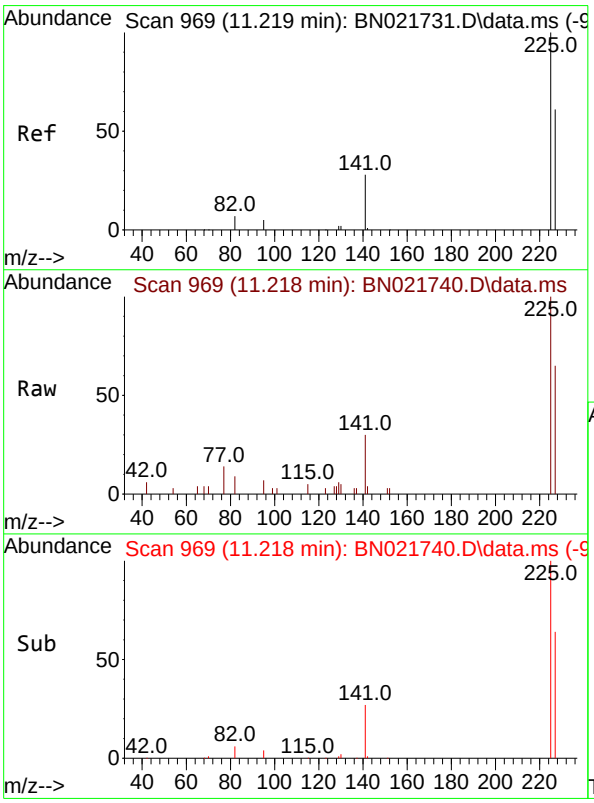
#9
Naphthalene
Concen: 0.380 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 17630

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.2	13.8
127	13.6	10.5	15.7

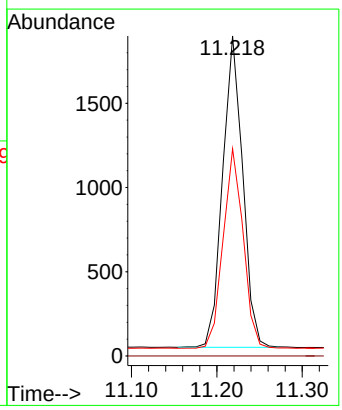


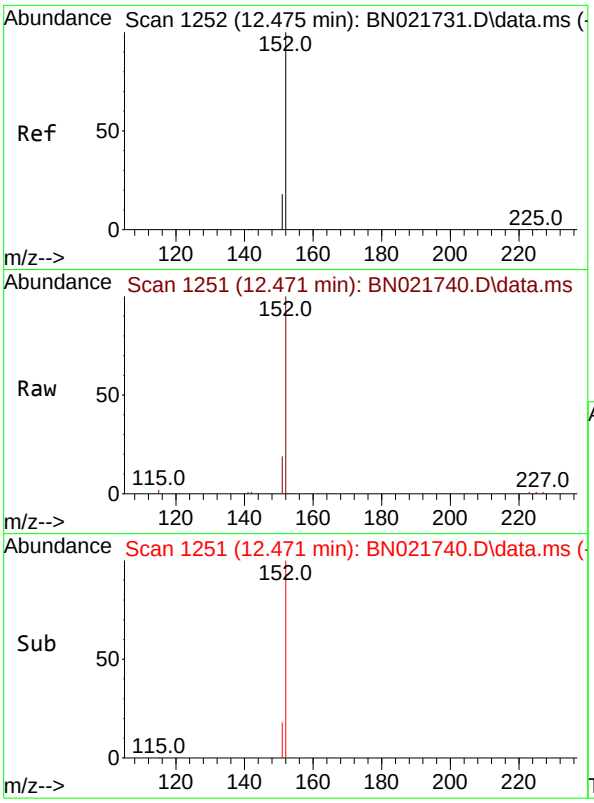


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.218 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:225 Resp: 3023

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.4	75.6



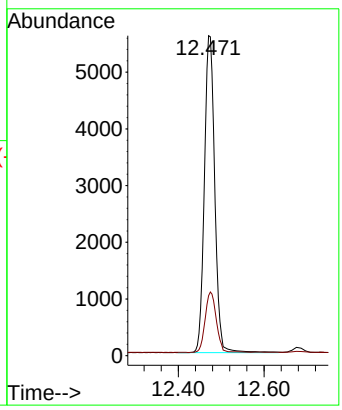


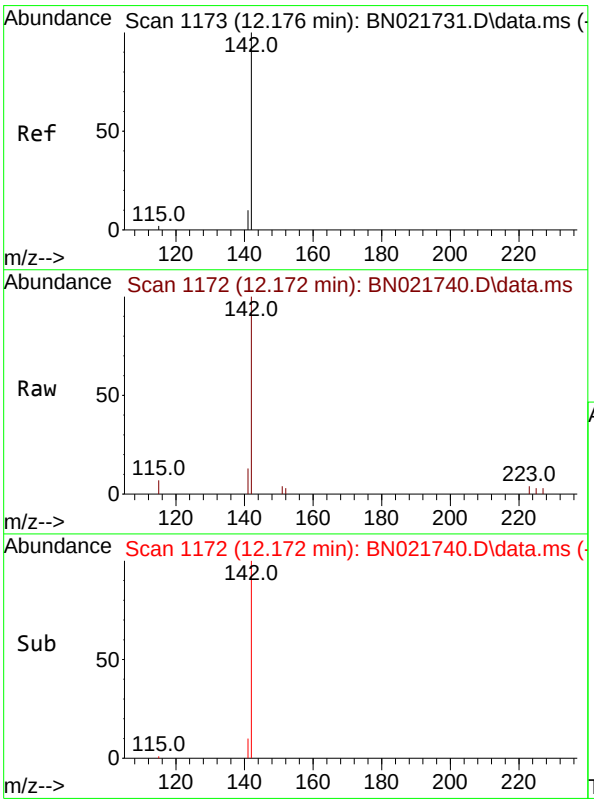
#11
2-Methylnaphthalene-d10
Concen: 0.362 ng
RT: 12.471 min Scan# 1
Delta R.T. -0.004 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 14336

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.6	23.4

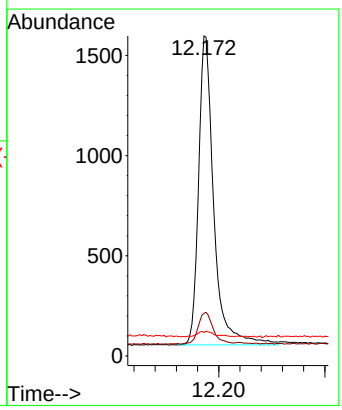


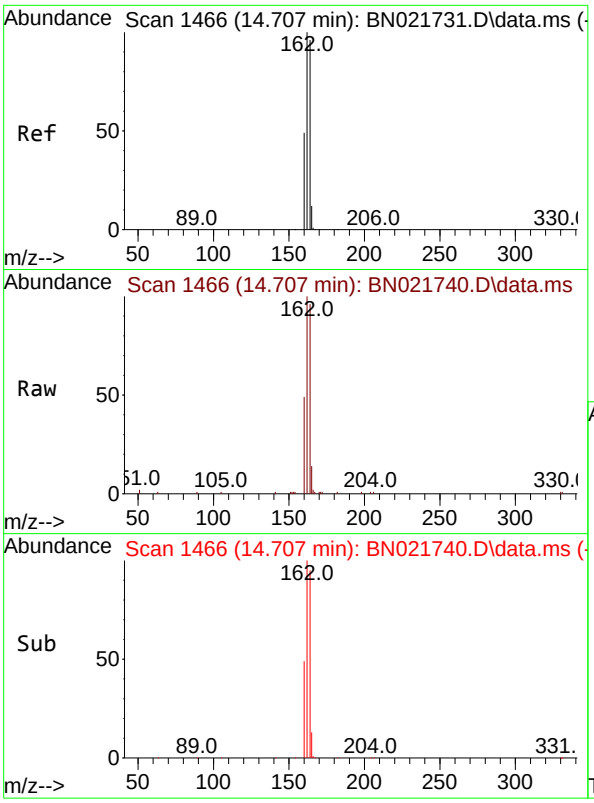


#12
2-Methylnaphthalene
Concen: 0.308 ng
RT: 12.172 min Scan# 1172
Delta R.T. -0.004 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:142 Resp: 3069

Ion	Ratio	Lower	Upper
142	100		
141	13.3	10.6	16.0
115	7.3	5.6	8.4



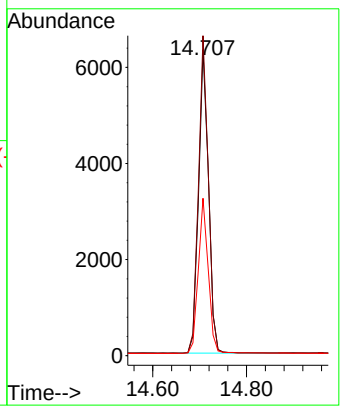


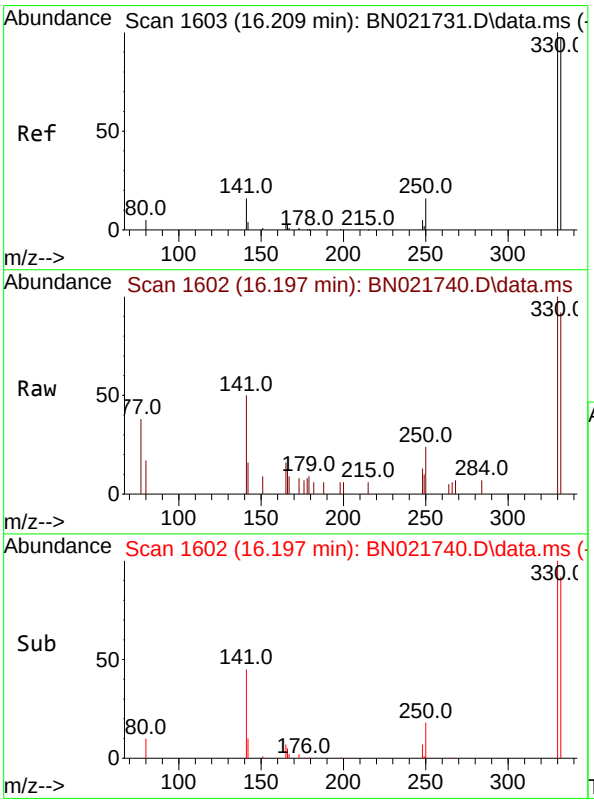
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 9359

Ion	Ratio	Lower	Upper
164	100		
162	104.7	83.2	124.8
160	51.5	40.9	61.3

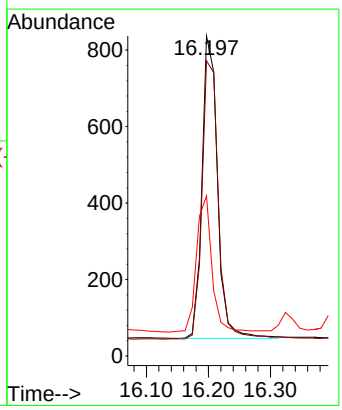


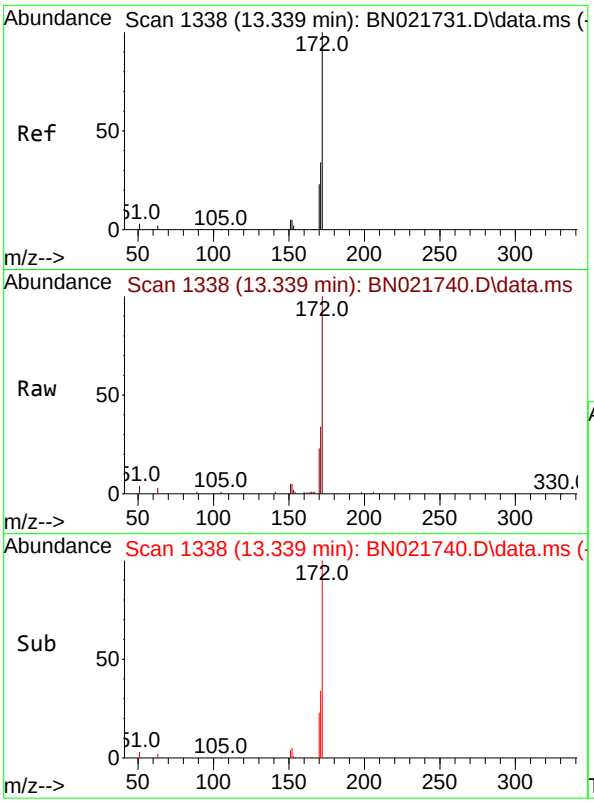


#14
2,4,6-Tribromophenol
Concen: 0.322 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:330 Resp: 1379

Ion	Ratio	Lower	Upper
330	100		
332	96.8	76.8	115.2
141	44.6	37.2	55.8



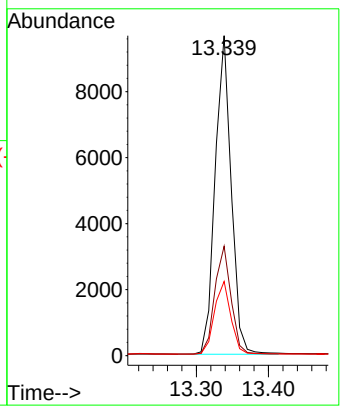


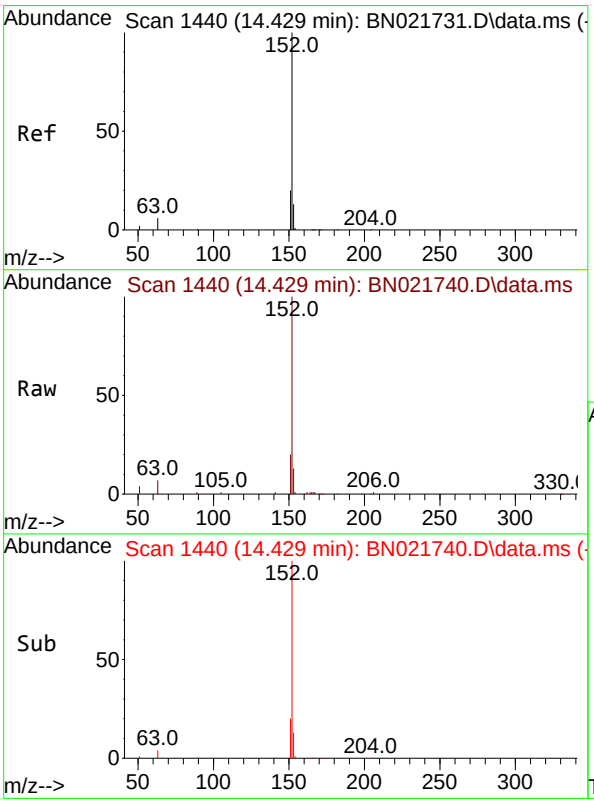
#15
2-Fluorobiphenyl
Concen: 0.390 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 14899

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.7	41.5
170	23.2	18.8	28.2

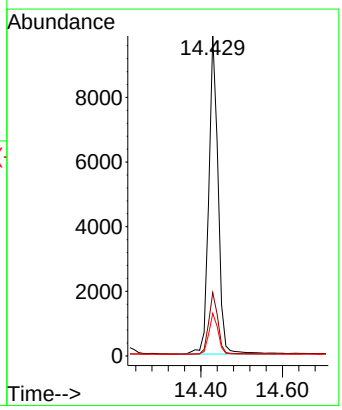


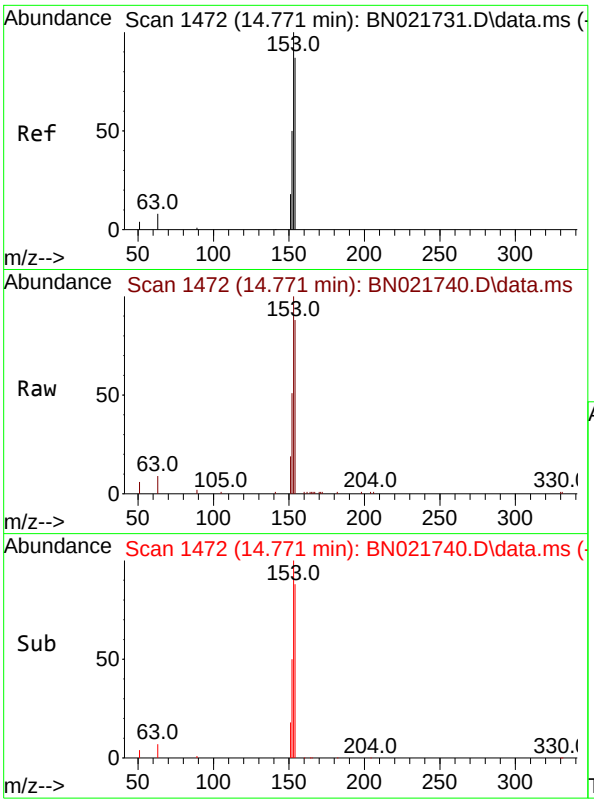


#16
Acenaphthylene
Concen: 0.350 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:152 Resp: 15651

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.4	23.0
153	13.0	10.3	15.5



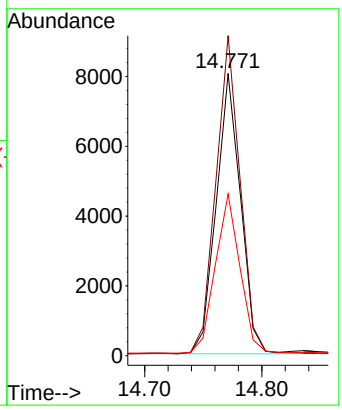


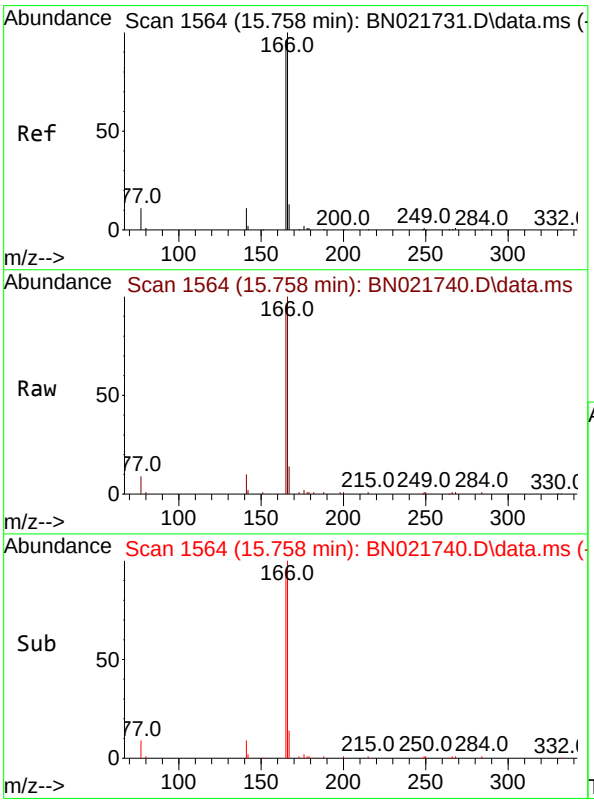
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 11587

Ion	Ratio	Lower	Upper
154	100		
153	113.8	91.0	136.4
152	58.3	46.0	69.0

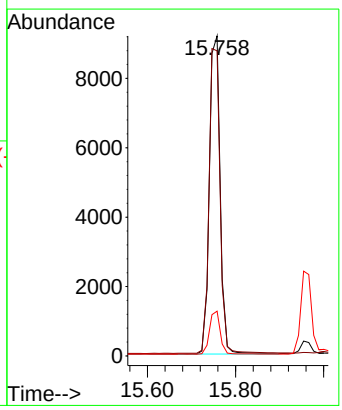


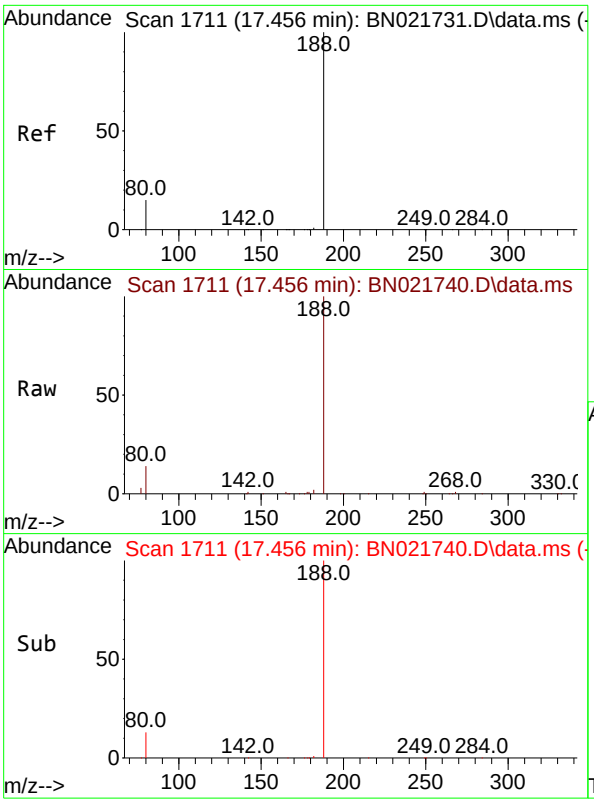


#18
Fluorene
Concen: 0.377 ng
RT: 15.758 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:166 Resp: 15312

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.4	119.0
167	13.4	10.6	15.8



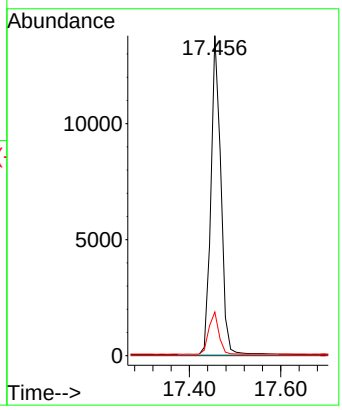


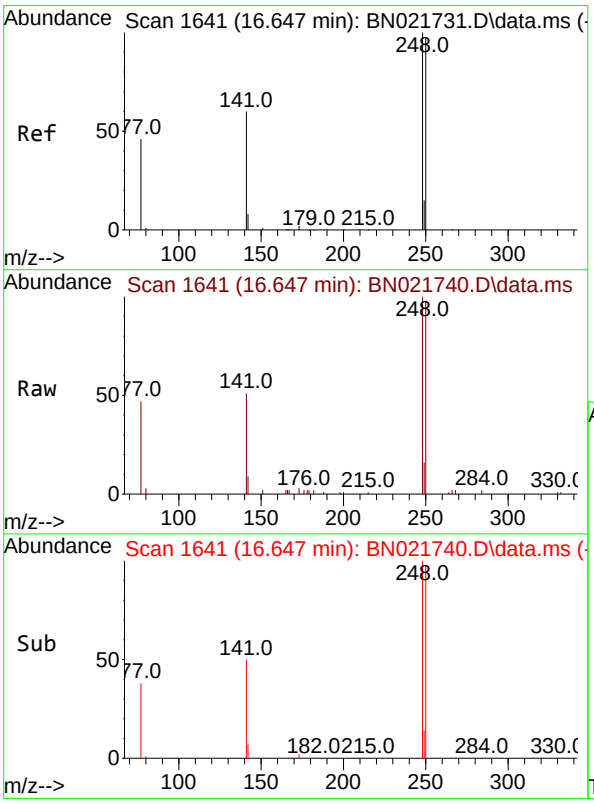
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 20676

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.6	12.6	19.0

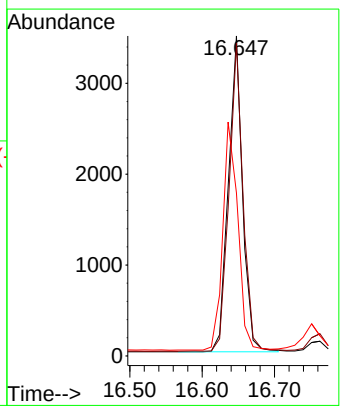


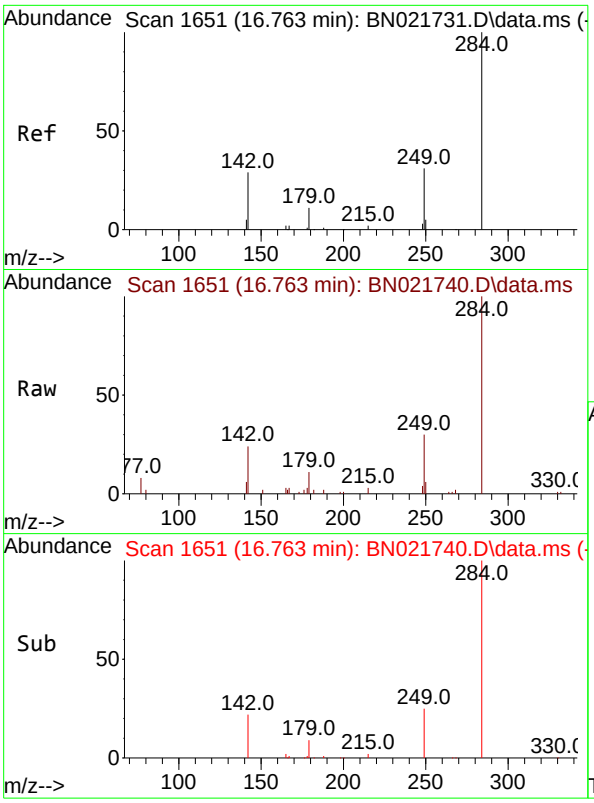


#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.647 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:248 Resp: 4726

Ion	Ratio	Lower	Upper
248	100		
250	97.8	77.8	116.8
141	50.9	49.0	73.4



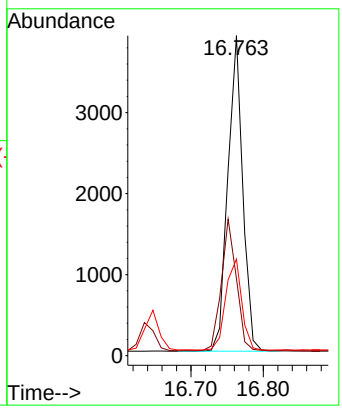


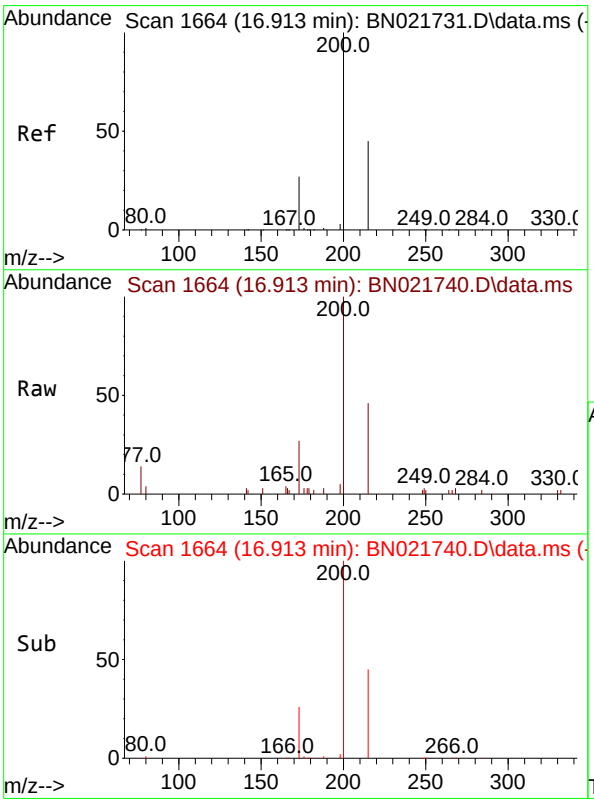
#22
Hexachlorobenzene
Concen: 0.389 ng
RT: 16.763 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 5572

Ion	Ratio	Lower	Upper
284	100		
142	42.0	33.4	50.2
249	31.0	25.1	37.7

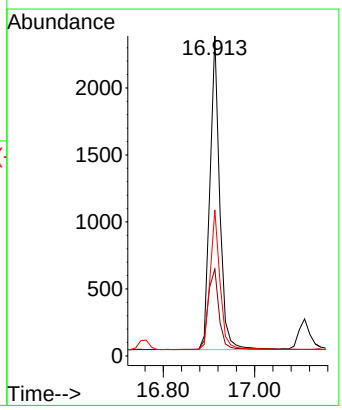


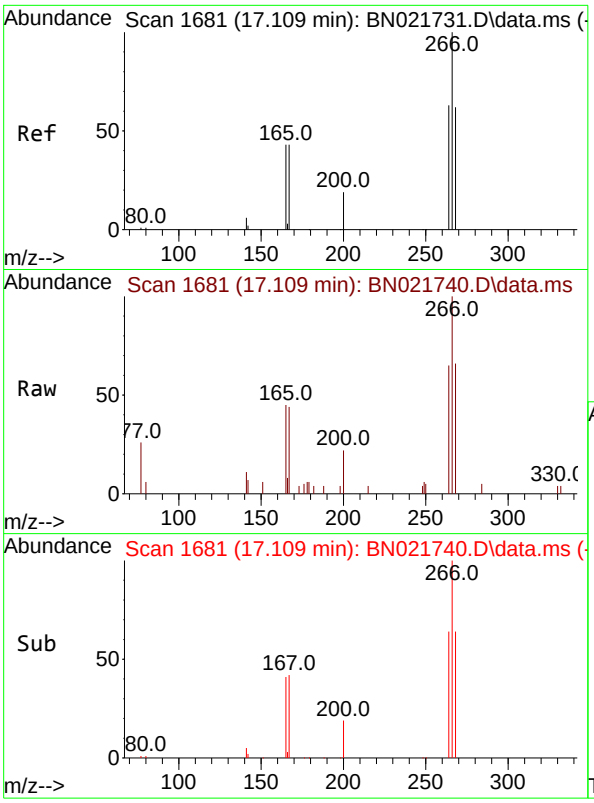


#23
Atrazine
Concen: 0.330 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:200 Resp: 3472

Ion	Ratio	Lower	Upper
200	100		
173	27.1	22.9	34.3
215	45.6	36.9	55.3



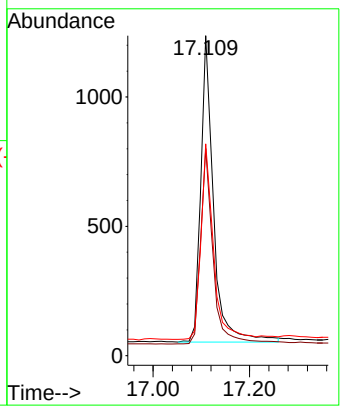


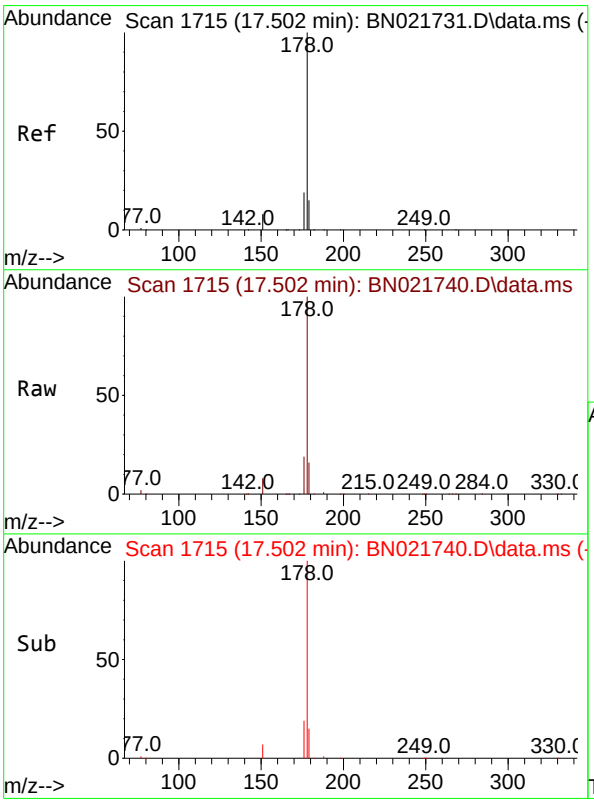
#24
Pentachlorophenol
Concen: 0.405 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:266 Resp: 2176

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.0	75.0
268	62.9	50.2	75.2

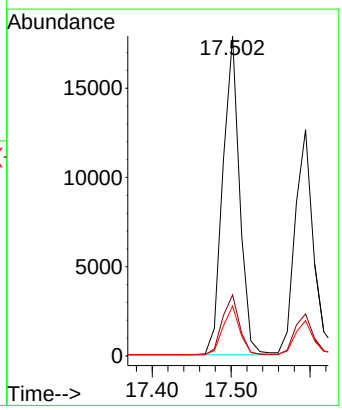


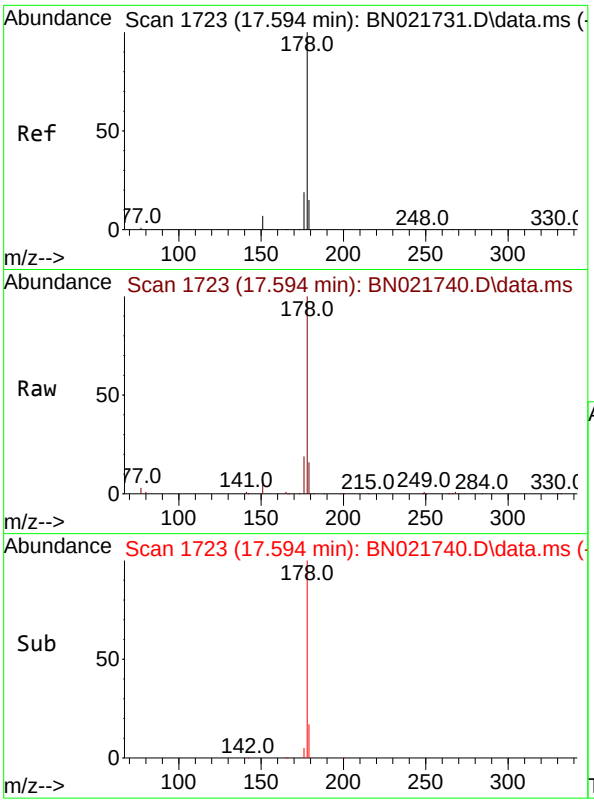


#25
Phenanthrene
Concen: 0.381 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:178 Resp: 26423

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.2	12.2	18.4



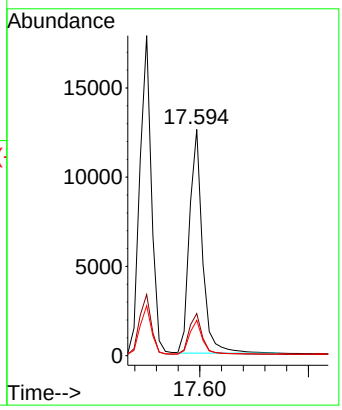


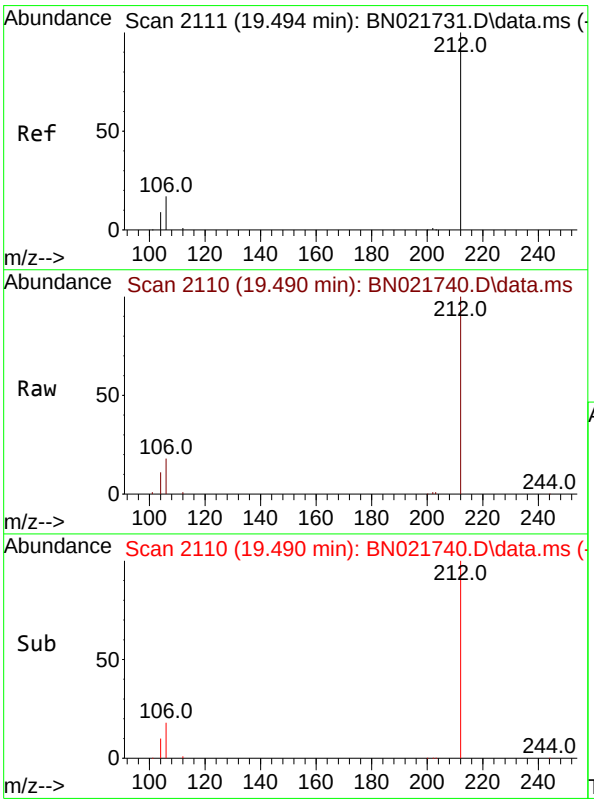
#26
Anthracene
Concen: 0.353 ng
RT: 17.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 20745

Ion	Ratio	Lower	Upper
178	100		
176	18.4	15.0	22.6
179	15.2	12.2	18.2

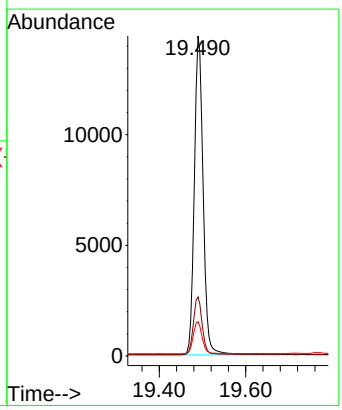


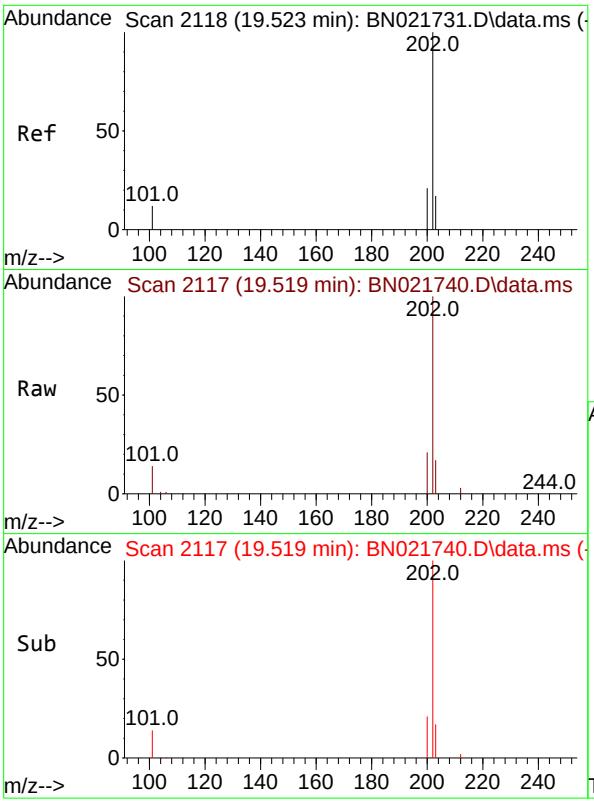


#27
Fluoranthene-d10
Concen: 0.367 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:212 Resp: 20426

Ion	Ratio	Lower	Upper
212	100		
106	18.0	14.3	21.5
104	10.2	8.0	12.0



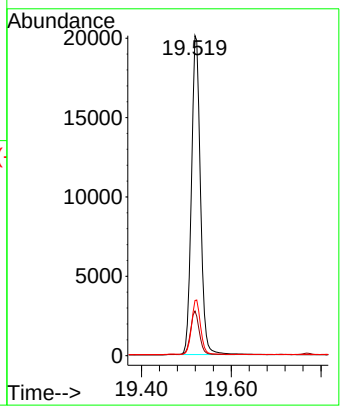


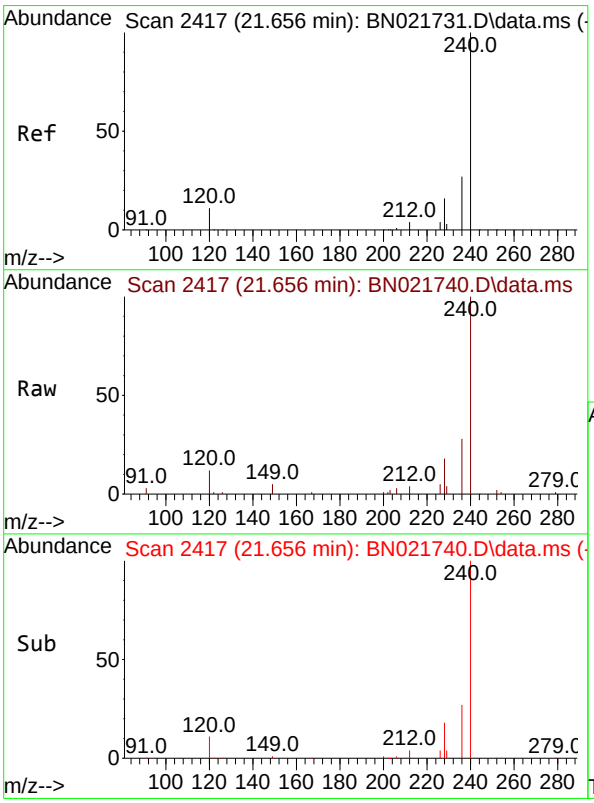
#28
Fluoranthene
Concen: 0.374 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 27941

Ion	Ratio	Lower	Upper
202	100		
101	13.7	11.0	16.4
203	17.1	13.7	20.5

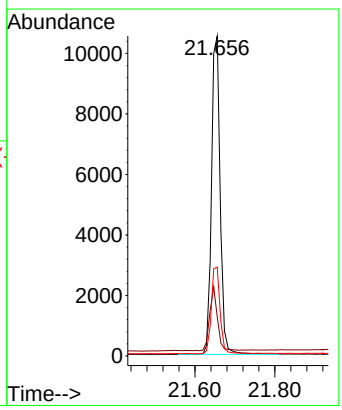


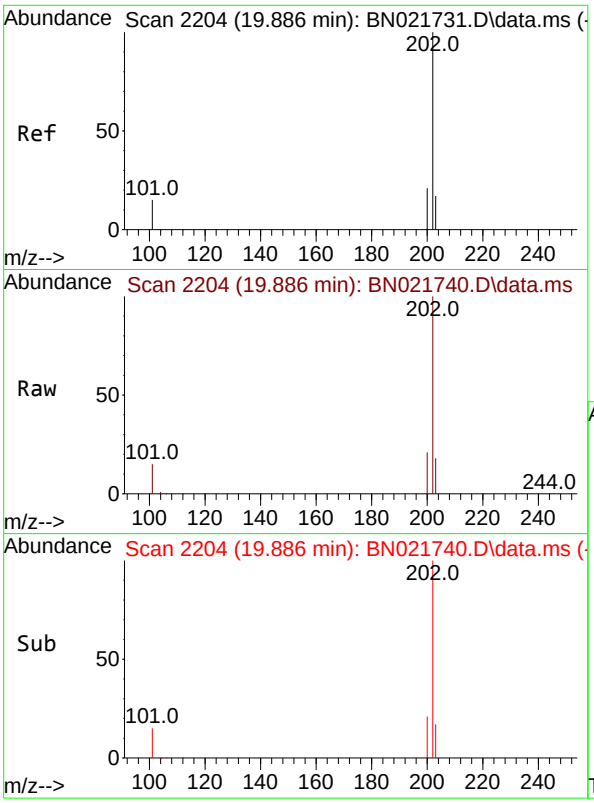


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.656 min Scan# 2417
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:240 Resp: 15829

Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.8	14.8
236	27.7	22.2	33.4



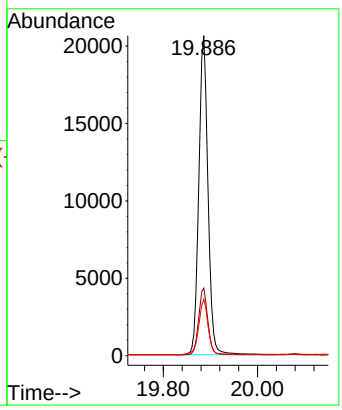


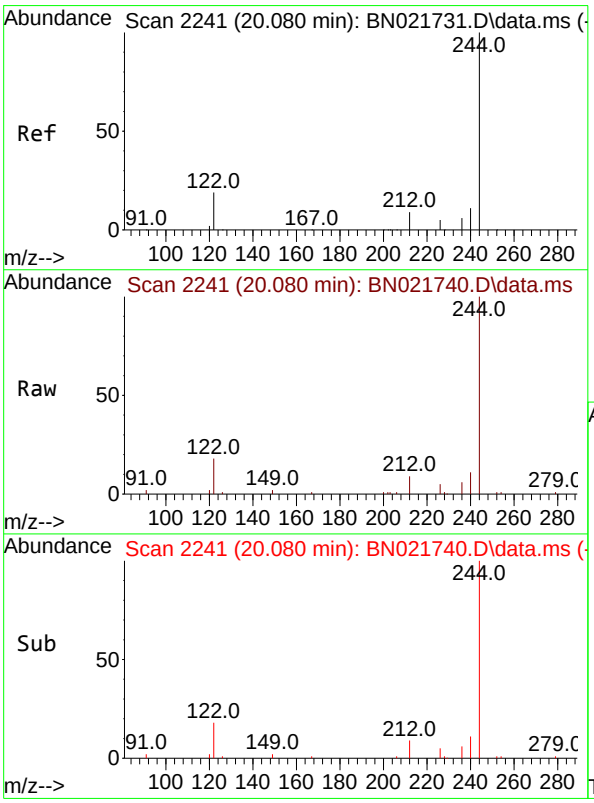
#30
Pyrene
Concen: 0.390 ng
RT: 19.886 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:202 Resp: 30658

Ion	Ratio	Lower	Upper
202	100		
200	20.5	15.0	22.4
203	16.1	12.8	19.2

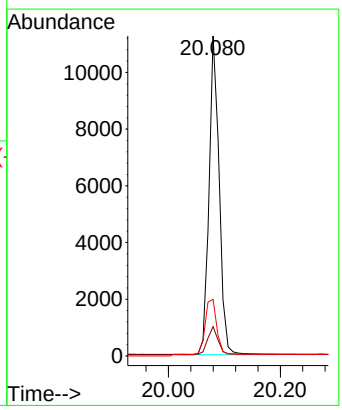


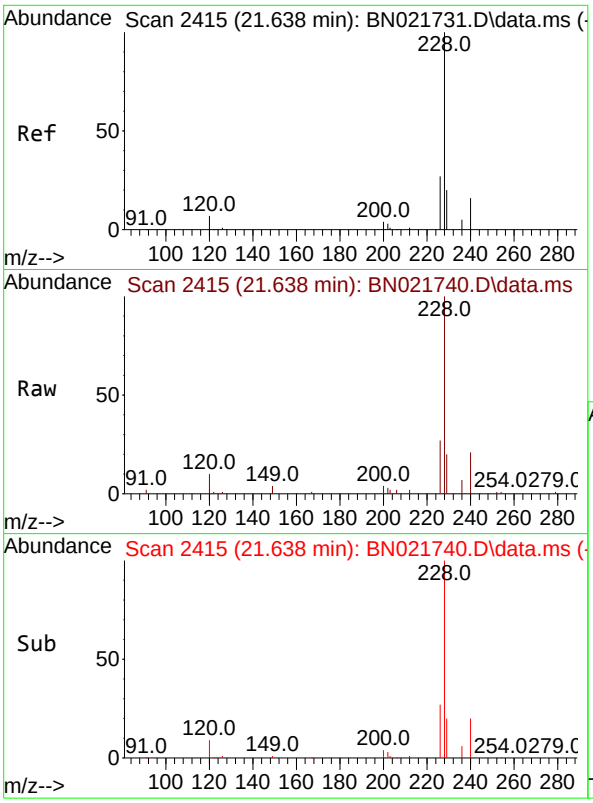


#31
Terphenyl-d14
Concen: 0.390 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:244 Resp: 14122

Ion	Ratio	Lower	Upper
244	100		
212	9.1	7.9	11.9
122	17.7	15.8	23.8



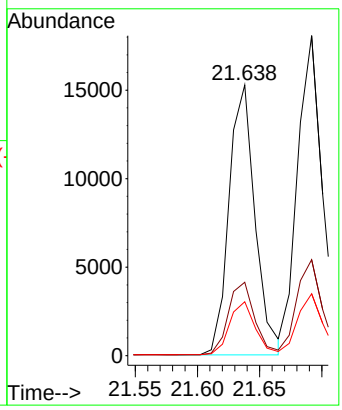


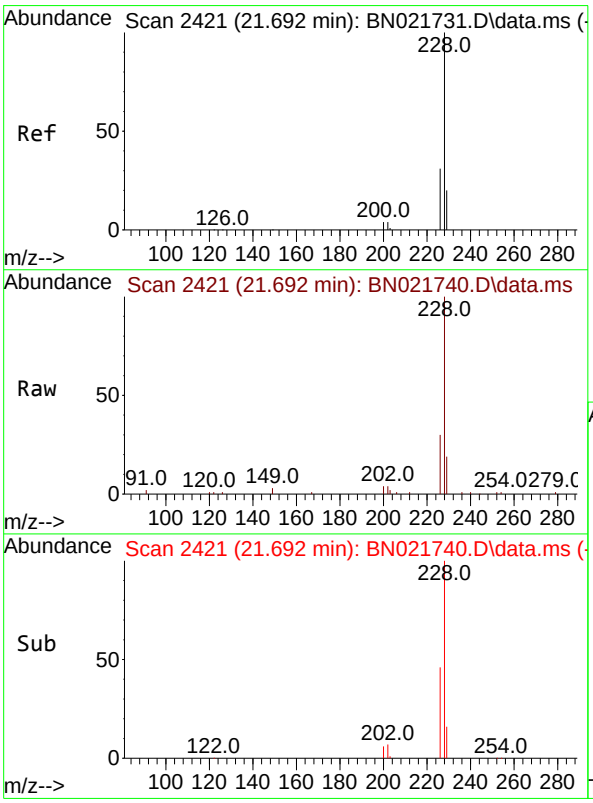
#32
Benzo(a)anthracene
Concen: 0.366 ng
RT: 21.638 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 22196

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.5	32.3
229	19.9	15.8	23.8

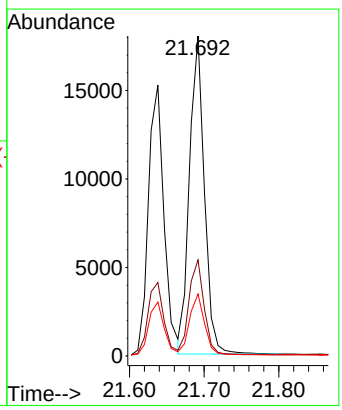


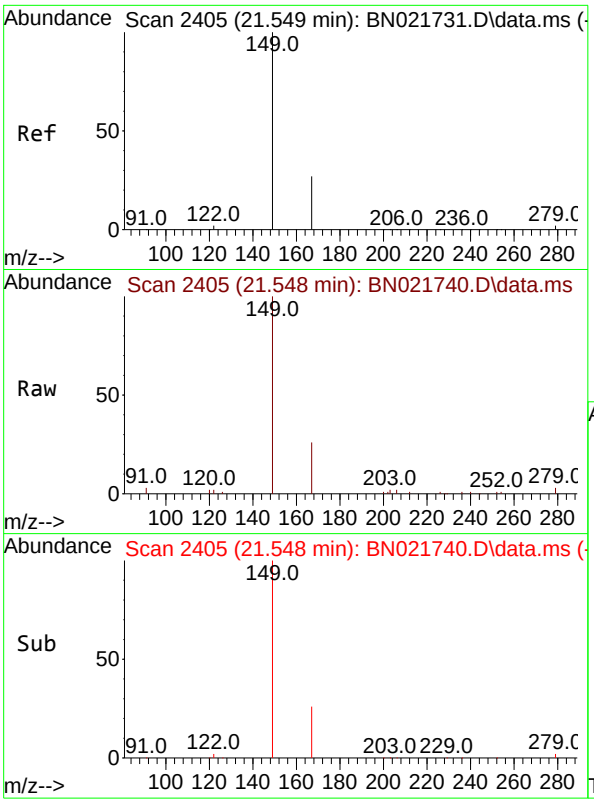


#33
Chrysene
Concen: 0.397 ng
RT: 21.692 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:228 Resp: 25021

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.5	36.7
229	19.3	16.0	24.0



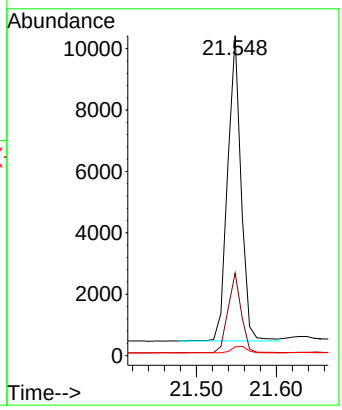


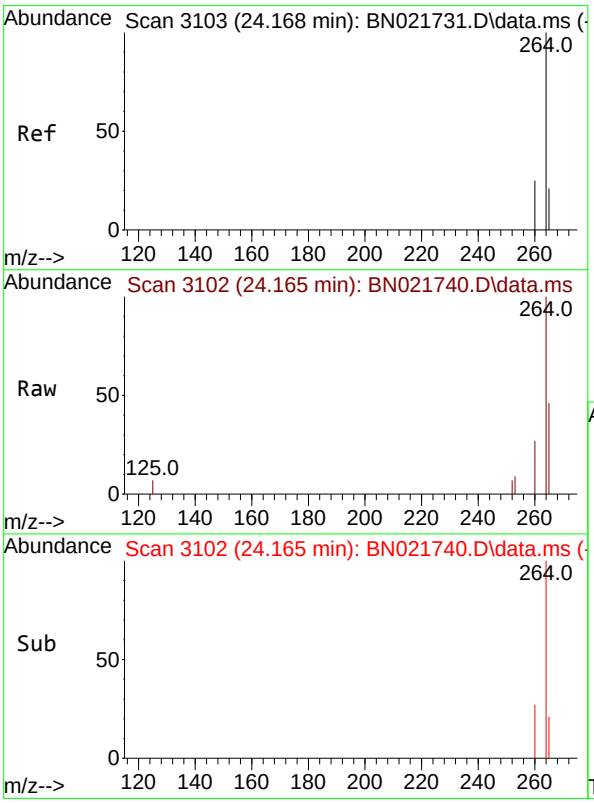
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.287 ng
RT: 21.548 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:149 Resp: 11626

Ion	Ratio	Lower	Upper
149	100		
167	25.7	20.8	31.2
279	2.5	2.1	3.1

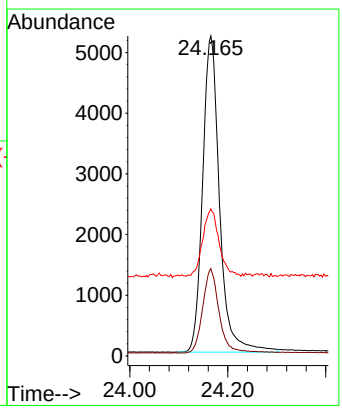


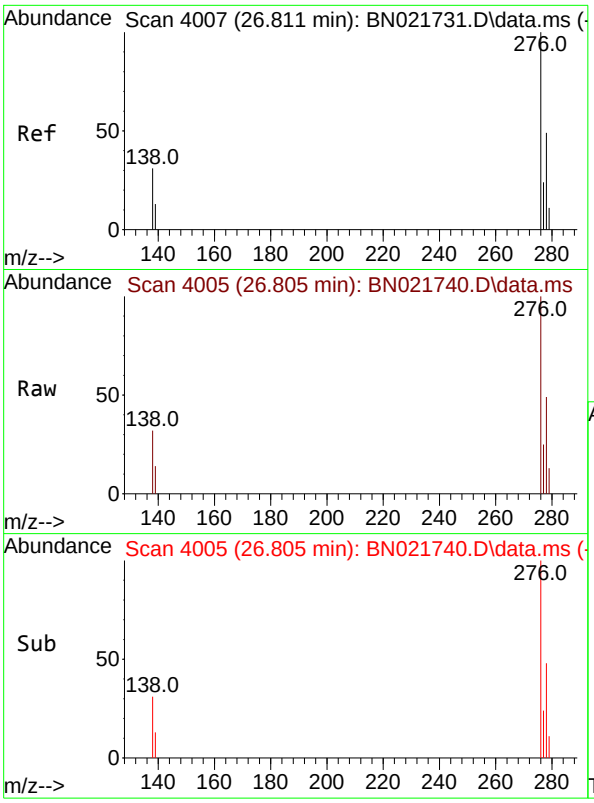


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.165 min Scan# 3102
Delta R.T. -0.003 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:264 Resp: 12466

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.6	31.0
265	46.0	34.4	51.6



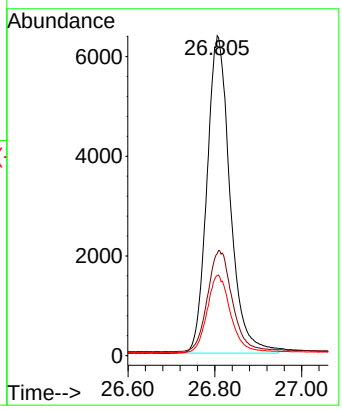


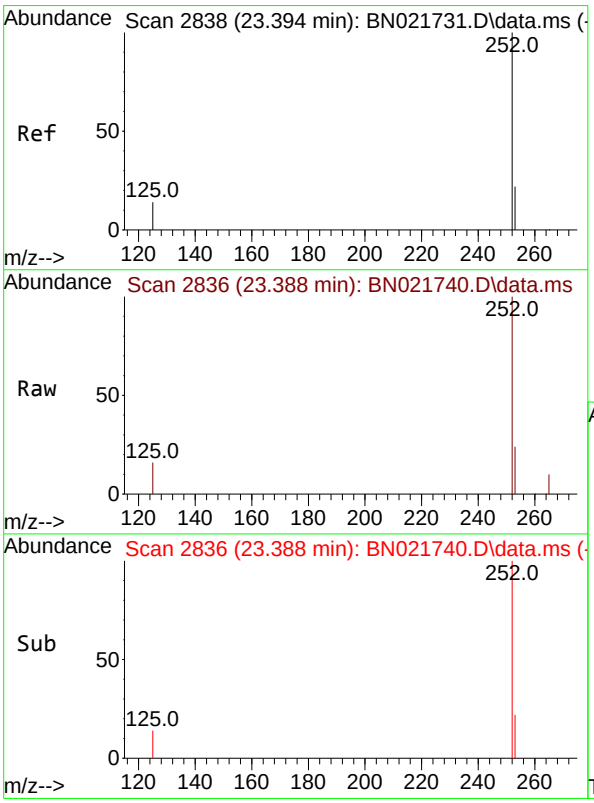
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng
RT: 26.805 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 23528

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.4	41.0
277	24.8	19.8	29.6

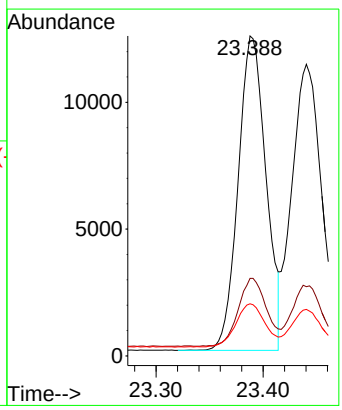


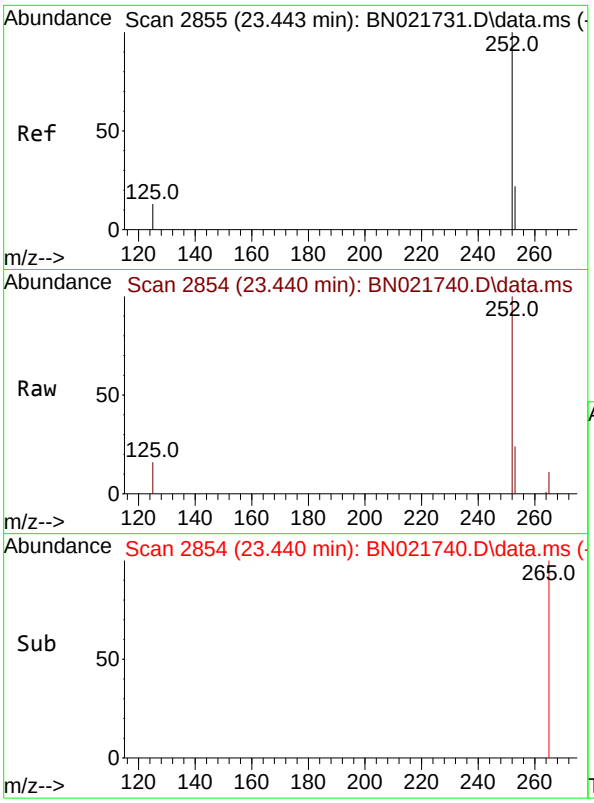


#37
Benzo(b)fluoranthene
Concen: 0.395 ng
RT: 23.388 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:252 Resp: 22340

Ion	Ratio	Lower	Upper
252	100		
253	24.2	19.6	29.4
125	16.3	13.0	19.4



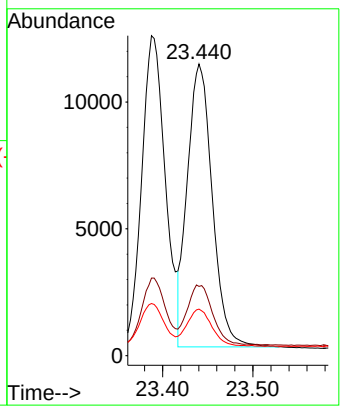


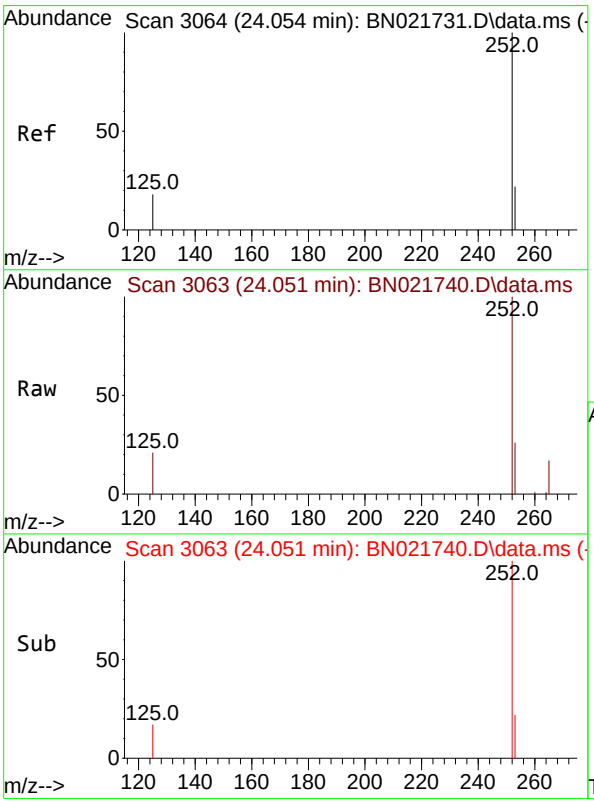
#38
Benzo(k)fluoranthene
Concen: 0.387 ng
RT: 23.440 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 21405

Ion	Ratio	Lower	Upper
252	100		
253	23.7	19.4	29.2
125	16.0	12.6	18.8

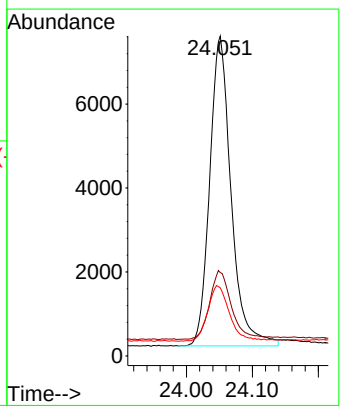


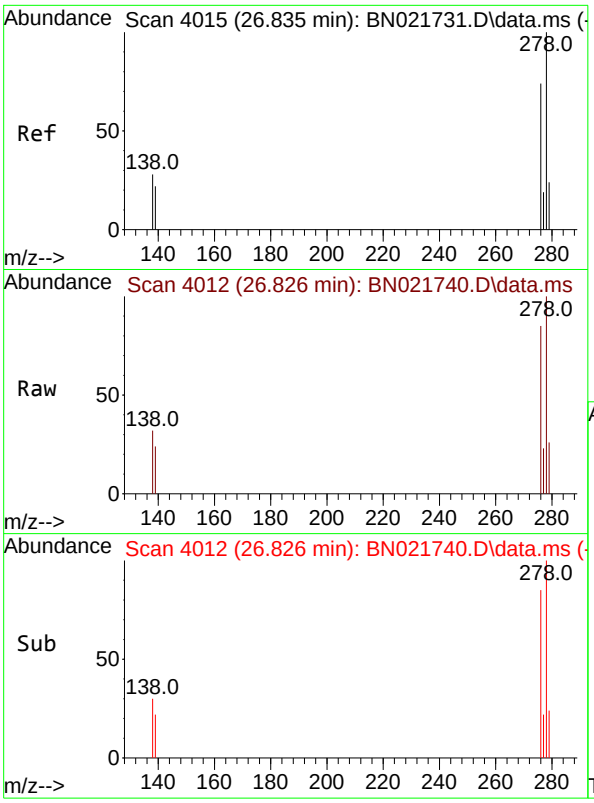


#39
Benzo(a)pyrene
Concen: 0.369 ng
RT: 24.051 min Scan# 3063
Delta R.T. -0.003 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:252 Resp: 16655

Ion	Ratio	Lower	Upper
252	100		
253	26.0	20.8	31.2
125	21.3	17.4	26.0



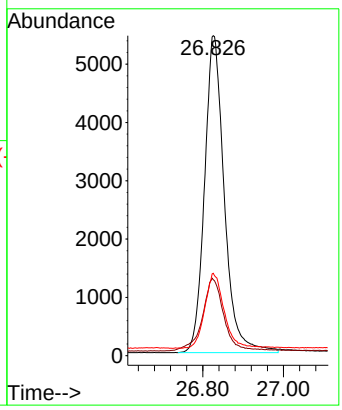


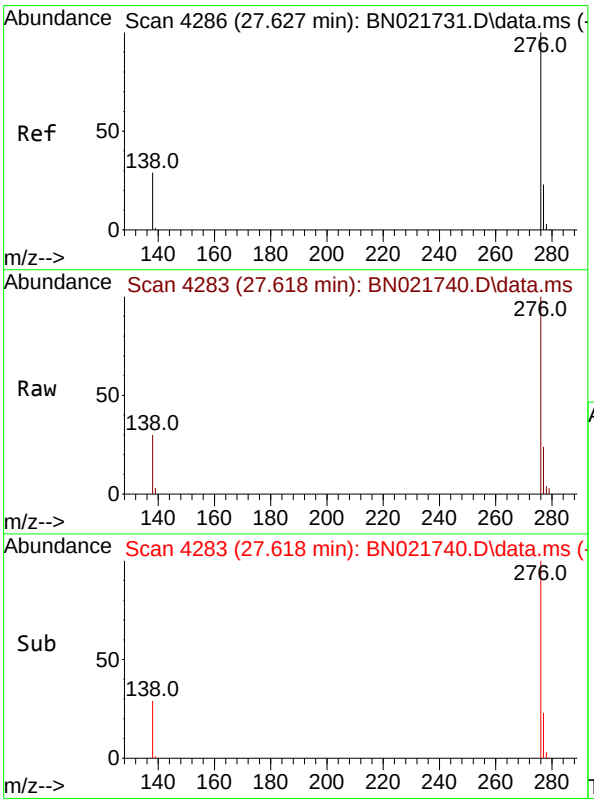
#40
Dibenzo(a,h)anthracene
Concen: 0.395 ng
RT: 26.826 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:278 Resp: 18523

Ion	Ratio	Lower	Upper
278	100		
139	23.8	19.2	28.8
279	25.7	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.410 ng
RT: 27.618 min Scan# 4283
Delta R.T. -0.009 min
Lab File: BN021740.D
Acq: 14 Sep 2022 10:41

Tgt Ion:276 Resp: 19774

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	30.1	24.2	36.2