Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021761.D
Acq On : 15 Sep 2022 00:22
Operator : CG/JU
Sample : PB147574BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Quant Time: Sep 15 02:14:23 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	8.055	152	4461	0.400	ng	0.00
7) Naphthalene-d8	10.888	136	14031	0.400	ng	0.00
13) Acenaphthene-d10	14.707	164	8520	0.400	ng	0.00
19) Phenanthrene-d10	17.456	188	19078	0.400	ng	0.00
29) Chrysene-d12	21.643	240	14711	0.400	ng	#-0.01
35) Perylene-d12	24.156	264	11685	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.585	112	4480	0.384	ng	0.00
5) Phenol-d6	7.210	99	5749	0.388	ng	0.00
8) Nitrobenzene-d5	9.233	82	4298	0.370	ng	0.00
11) 2-Methylnaphthalene-d10	12.475	152	13780	0.389	ng	0.00
14) 2,4,6-Tribromophenol	16.197	330	1402	0.360	ng	-0.01
15) 2-Fluorobiphenyl	13.339	172	13620	0.392	ng	0.00
27) Fluoranthene-d10	19.490	212	19324	0.376	ng	0.00
31) Terphenyl-d14	20.076	244	13387	0.398	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.396	88	2181	0.378	ng	96
3) n-Nitrosodimethylamine	3.736	42	2221	0.379	ng	# 92
6) bis(2-Chloroethyl)ether	7.470	93	5490	0.374	ng	99
9) Naphthalene	10.930	128	15825	0.382	ng	99
10) Hexachlorobutadiene	11.219	225	2700	0.390	ng	# 99
12) 2-Methylnaphthalene	12.176	142	3299	0.371	ng	98
16) Acenaphthylene	14.429	152	14554	0.358	ng	100
17) Acenaphthene	14.771	154	10531	0.379	ng	99
18) Fluorene	15.747	166	14025	0.379	ng	99
21) 4-Bromophenyl-phenylether	16.648	248	4325	0.368	ng	92
22) Hexachlorobenzene	16.763	284	5063	0.383	ng	99
23) Atrazine	16.913	200	3367	0.347	ng	99
24) Pentachlorophenol	17.109	266	1562	0.315	ng	98
25) Phenanthrene	17.502	178	23929	0.374	ng	100
26) Anthracene	17.594	178	19600	0.362	ng	100
28) Fluoranthene	19.519	202	25925	0.376	ng	100
30) Pyrene	19.882	202	28445	0.389	ng	99
32) Benzo(a)anthracene	21.625	228	21558	0.382	ng	98
33) Chrysene	21.679	228	22852	0.390	ng	99
34) Bis(2-ethylhexyl)phtha...	21.535	149	13206	0.350	ng	100
36) Indeno(1,2,3-cd)pyrene	26.796	276	20387	0.367	ng	100
37) Benzo(b)fluoranthene	23.381	252	20811	0.392	ng	98
38) Benzo(k)fluoranthene	23.430	252	19811	0.382	ng	98
39) Benzo(a)pyrene	24.041	252	15941	0.377	ng	98
40) Dibenzo(a,h)anthracene	26.819	278	16047	0.365	ng	98
41) Benzo(g,h,i)perylene	27.608	276	16586	0.367	ng	99

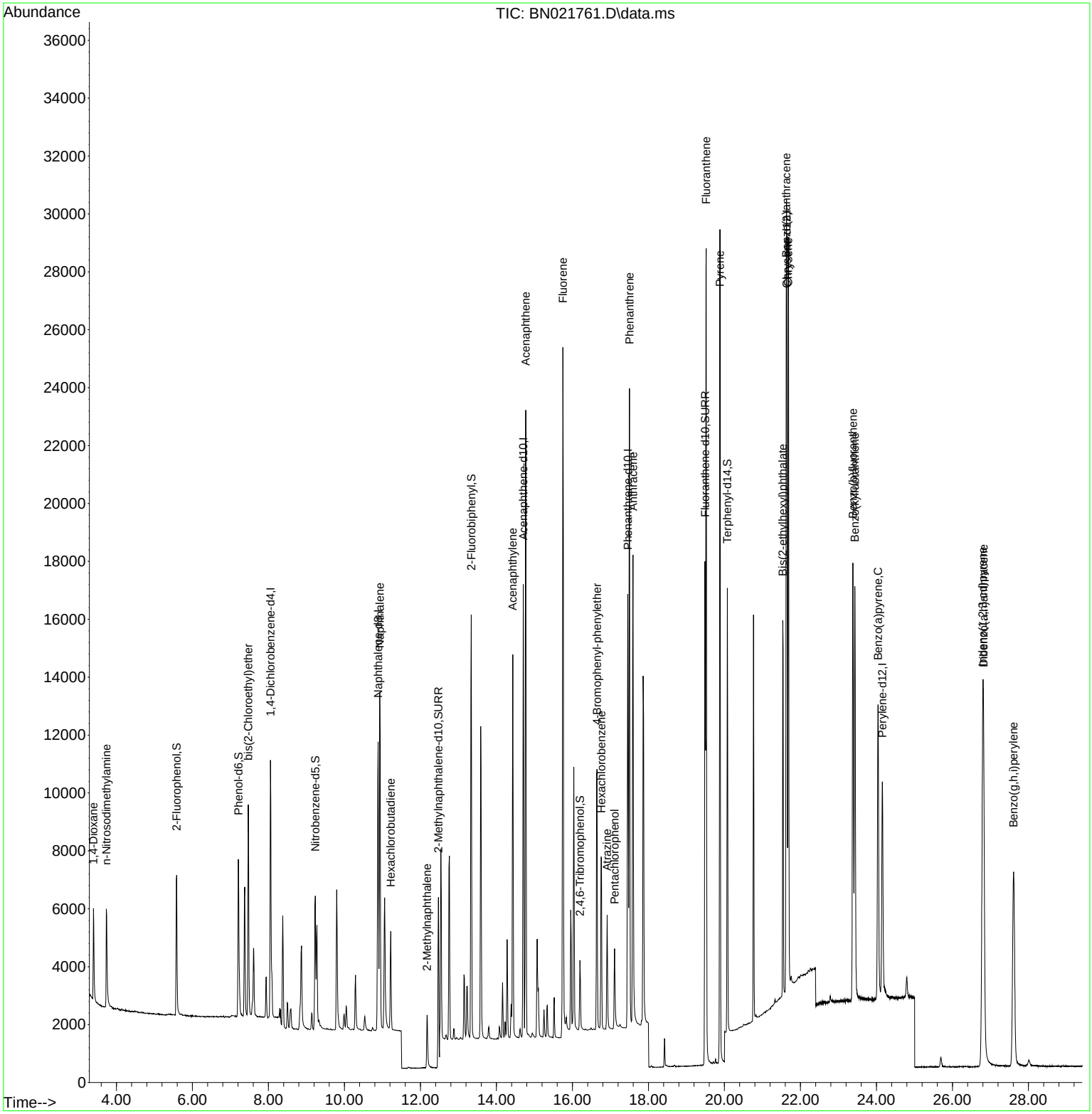
(#) = qualifier out of range (m) = manual integration (+) = signals summed

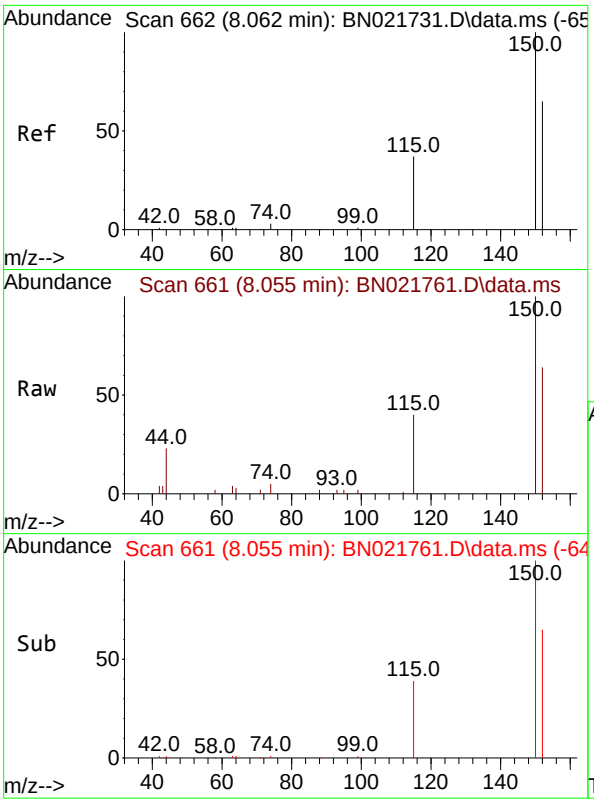
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021761.D
Acq On : 15 Sep 2022 00:22
Operator : CG/JU
Sample : PB147574BSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Quant Time: Sep 15 02:14:23 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



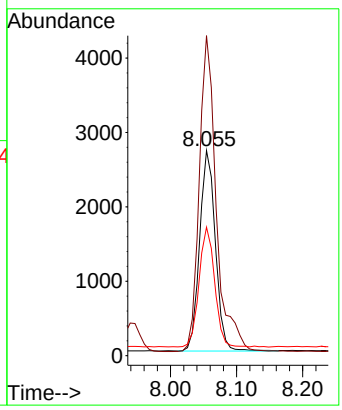


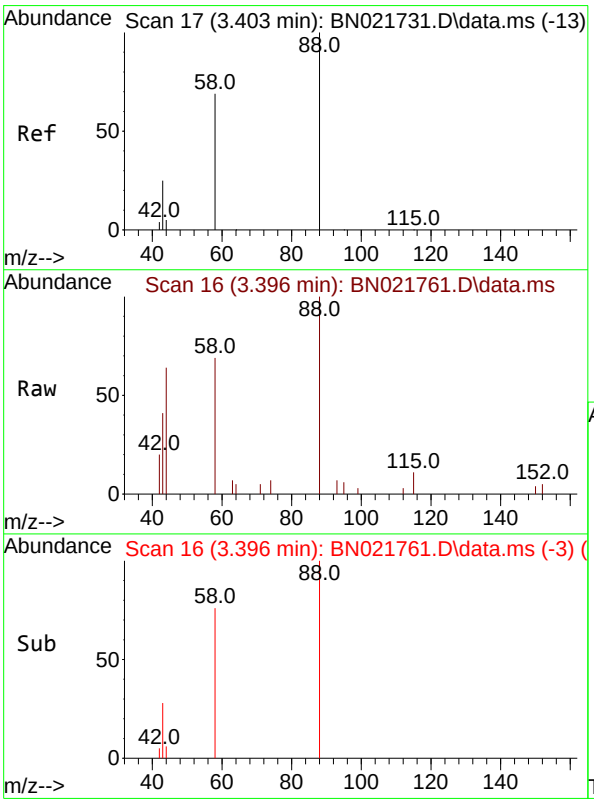
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.055 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:152 Resp: 4461

Ion	Ratio	Lower	Upper
152	100		
150	156.0	121.8	182.8
115	62.6	48.3	72.5

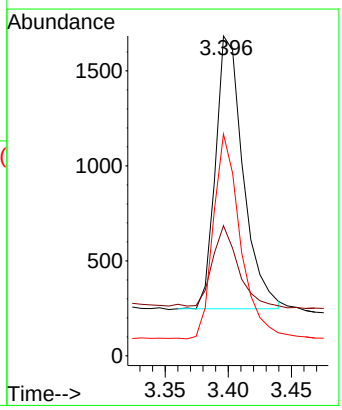


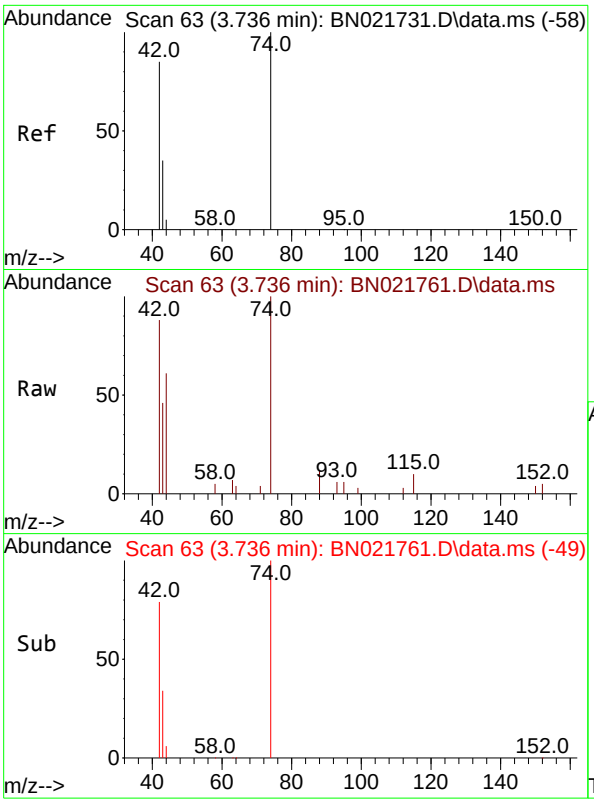


#2
1,4-Dioxane
Concen: 0.378 ng
RT: 3.396 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion: 88 Resp: 2181

Ion	Ratio	Lower	Upper
88	100		
43	26.7	24.2	36.2
58	72.8	60.2	90.4



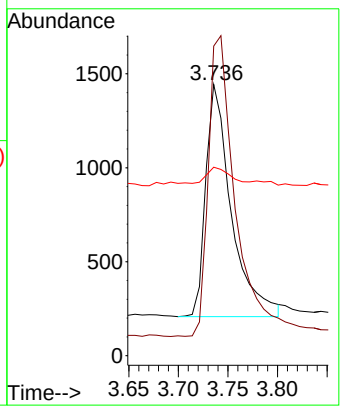


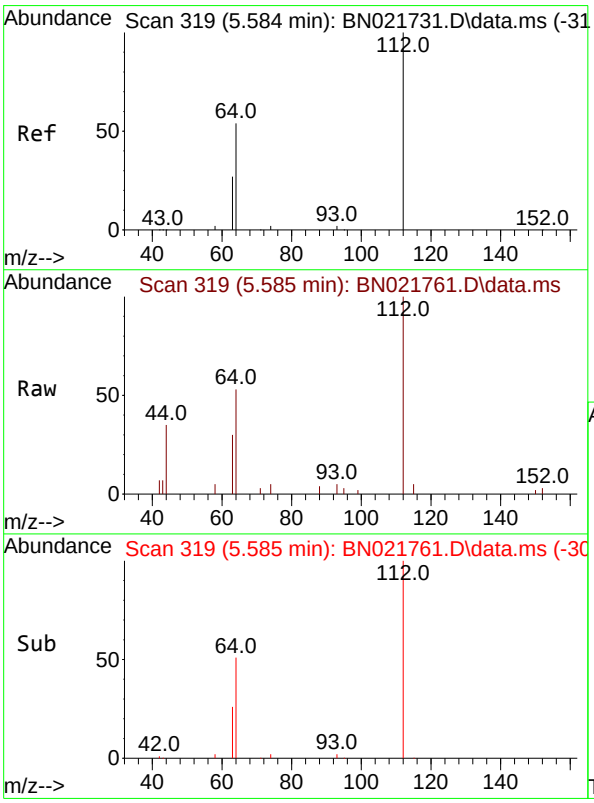
#3
n-Nitrosodimethylamine
Concen: 0.379 ng
RT: 3.736 min Scan# 6
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion: 42 Resp: 2221

Ion	Ratio	Lower	Upper
42	100		
74	135.6	116.3	174.5
44	6.2	9.0	13.4#

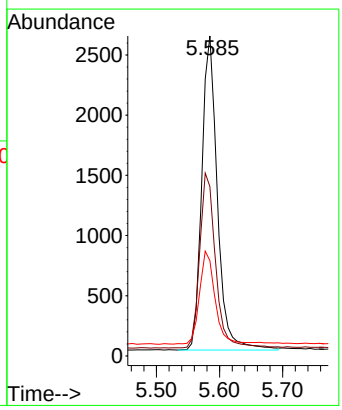


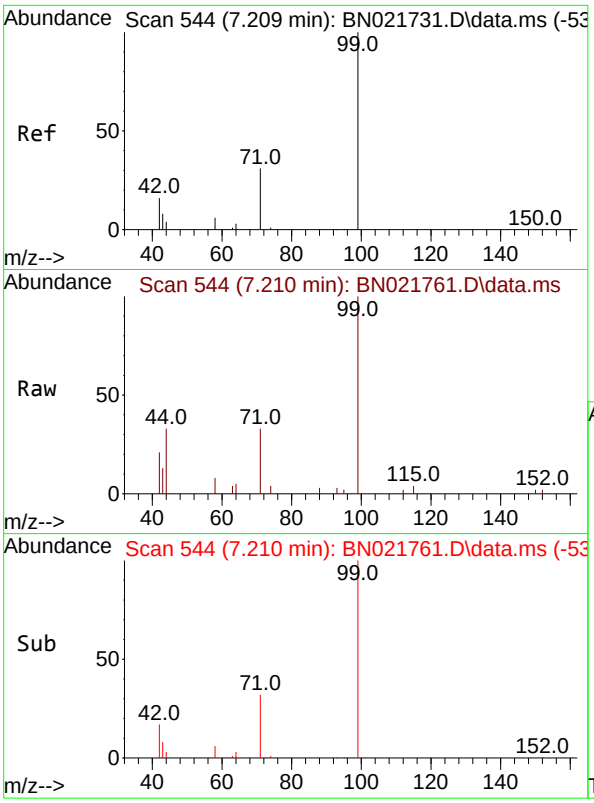


#4
2-Fluorophenol
Concen: 0.384 ng
RT: 5.585 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:112 Resp: 4480

Ion	Ratio	Lower	Upper
112	100		
64	56.9	45.4	68.2
63	29.4	23.3	34.9



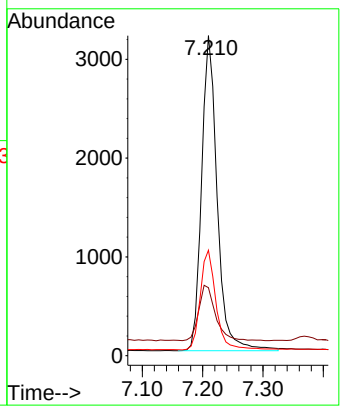


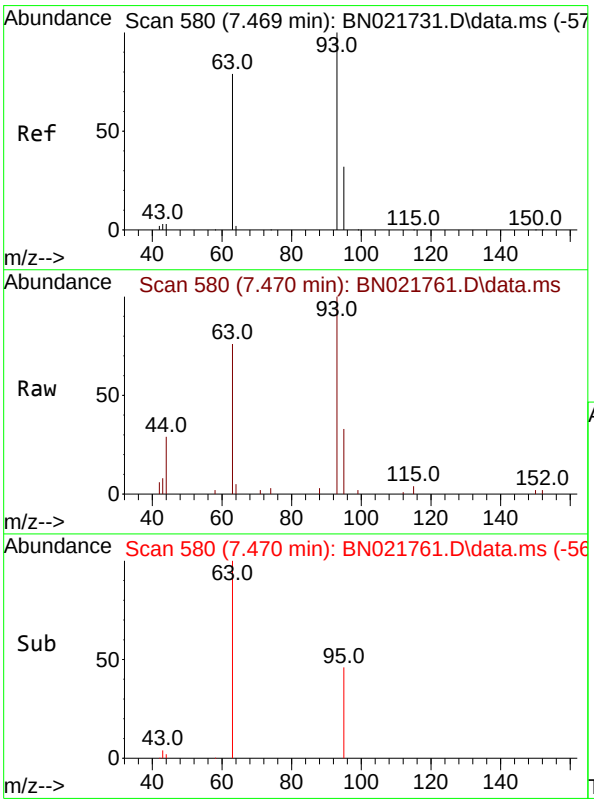
#5
Phenol-d6
Concen: 0.388 ng
RT: 7.210 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion: 99 Resp: 5749

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.1	22.7
71	32.0	25.3	37.9

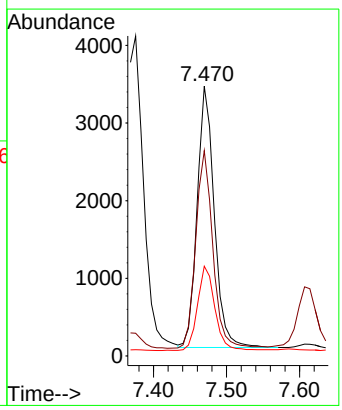


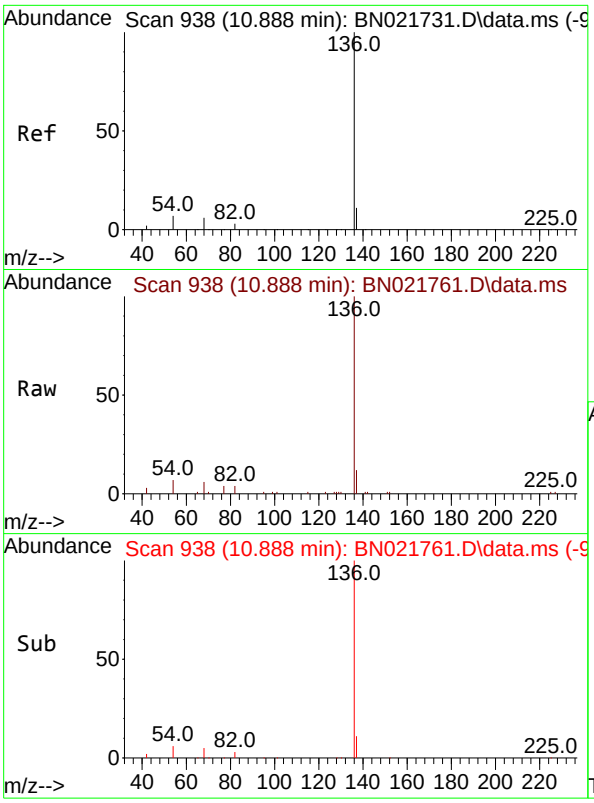


#6
bis(2-Chloroethyl)ether
Concen: 0.374 ng
RT: 7.470 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion: 93 Resp: 5490

Ion	Ratio	Lower	Upper
93	100		
63	75.8	60.0	90.0
95	32.9	26.2	39.4



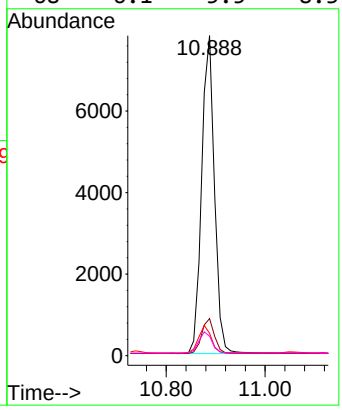


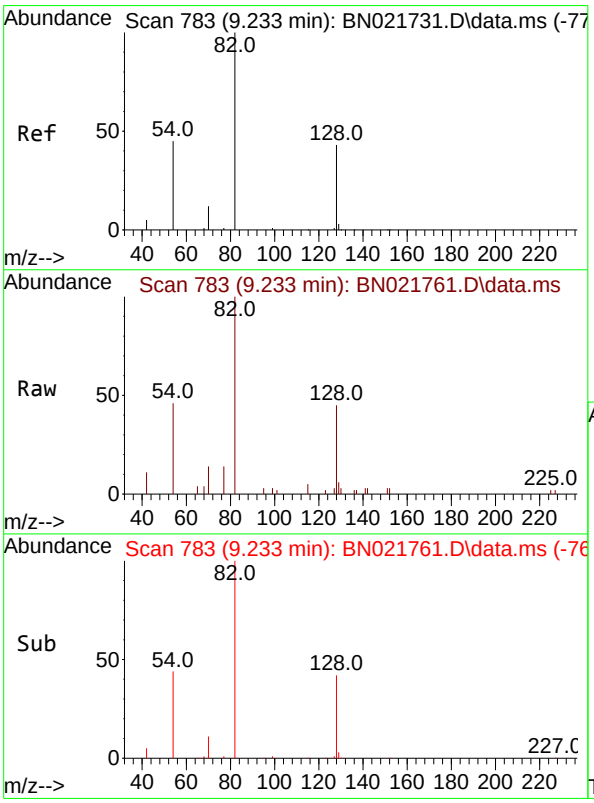
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:136 Resp: 14031

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	7.0	6.4	9.6
68	6.1	5.5	8.3

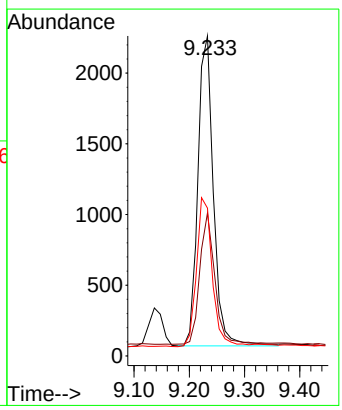


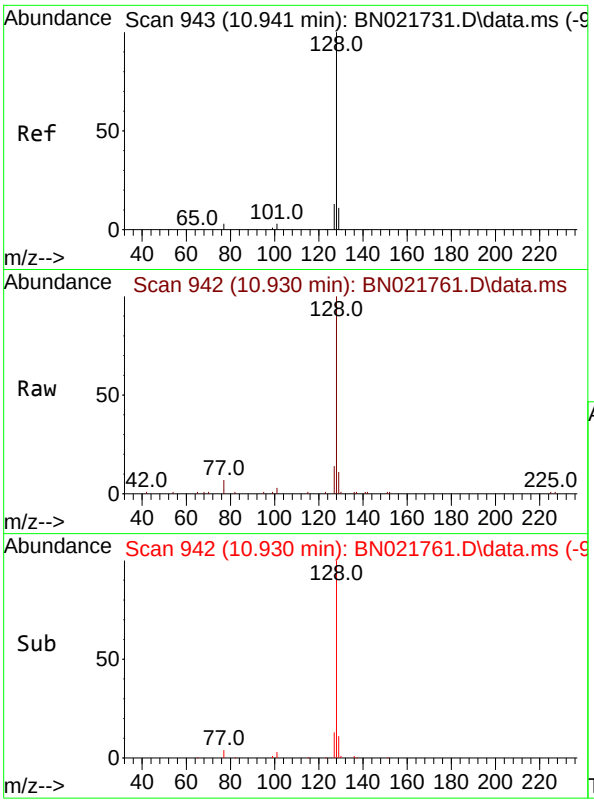


#8
Nitrobenzene-d5
Concen: 0.370 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion: 82 Resp: 4298

Ion	Ratio	Lower	Upper
82	100		
128	44.7	35.6	53.4
54	46.2	37.8	56.8



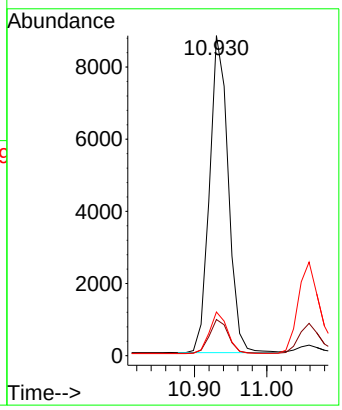


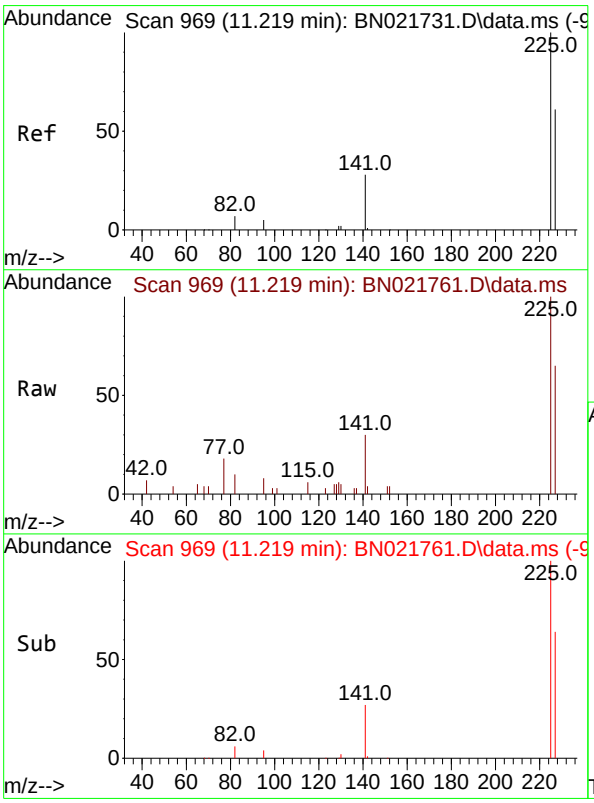
#9
Naphthalene
Concen: 0.382 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:128 Resp: 15825

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.2	13.8
127	13.7	10.5	15.7

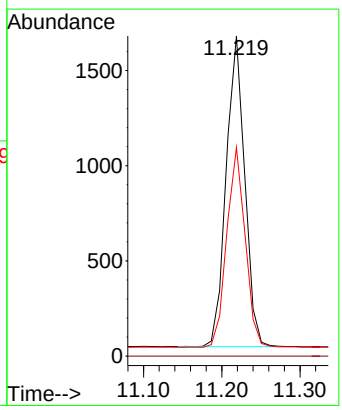


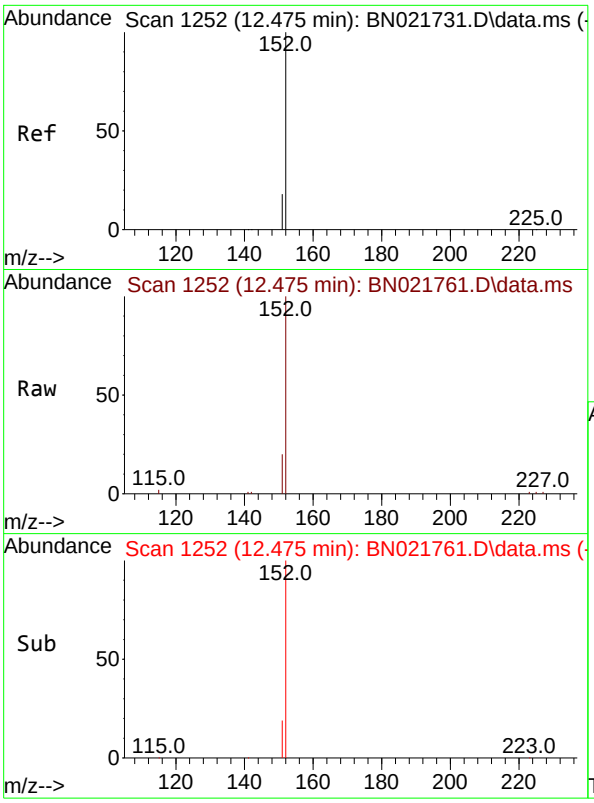


#10
Hexachlorobutadiene
Concen: 0.390 ng
RT: 11.219 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:225 Resp: 2700

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.8	50.4	75.6



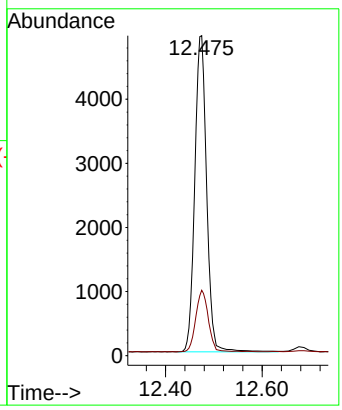


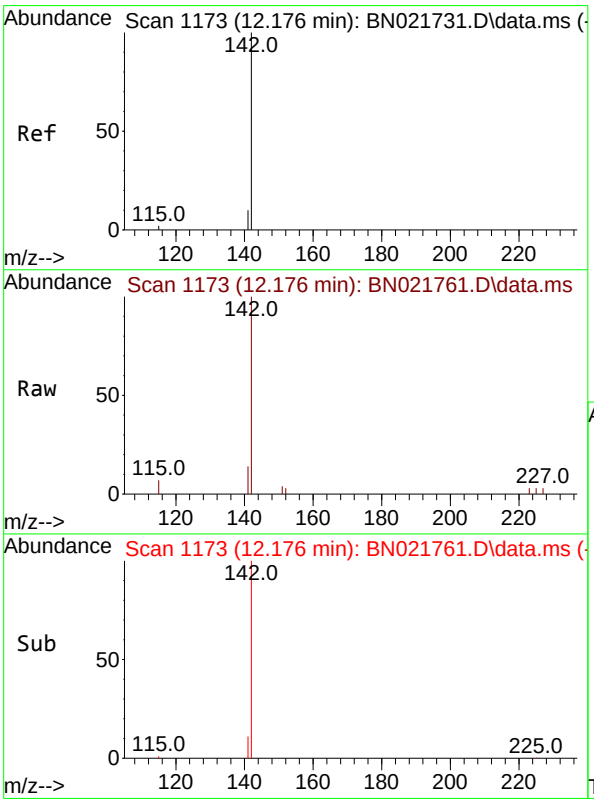
#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:152 Resp: 13780

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.6	23.4

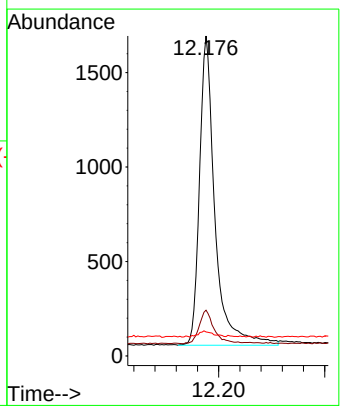


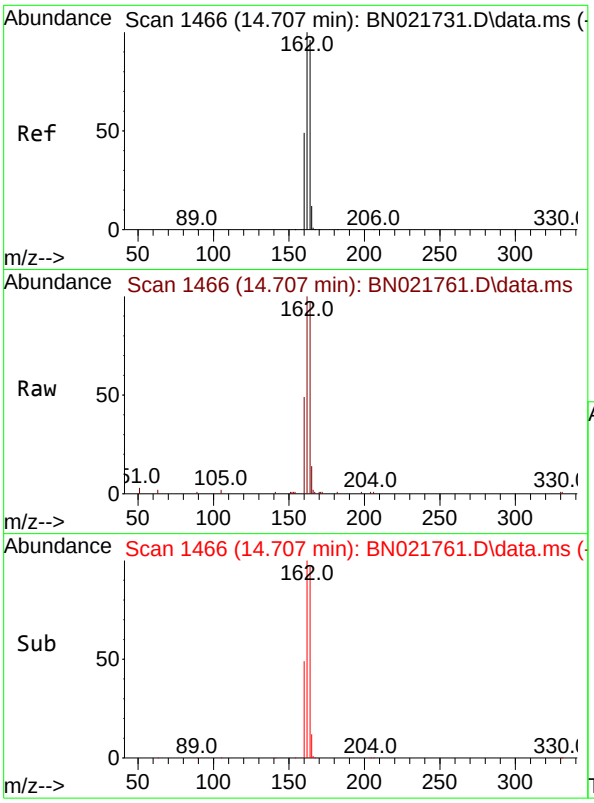


#12
2-Methylnaphthalene
Concen: 0.371 ng
RT: 12.176 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:142 Resp: 3299

Ion	Ratio	Lower	Upper
142	100		
141	14.3	10.6	16.0
115	7.5	5.6	8.4



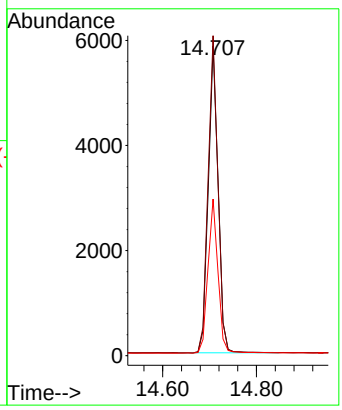


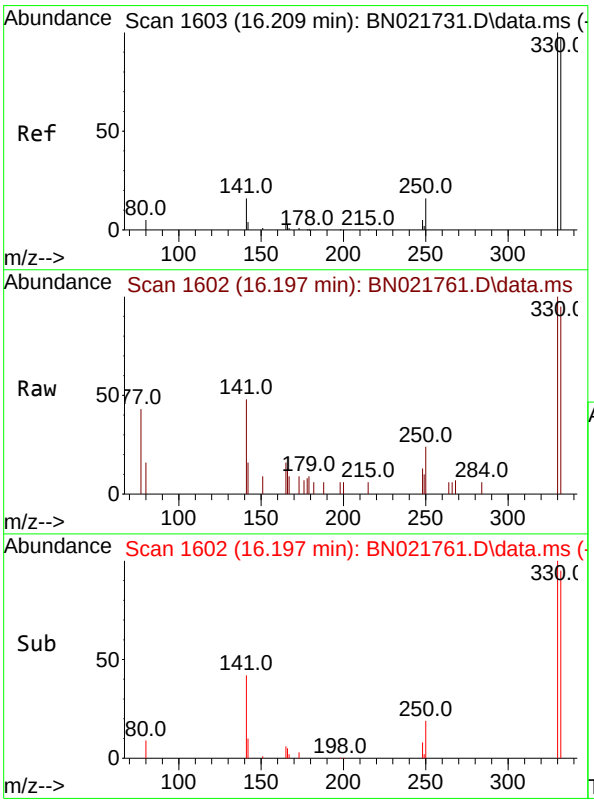
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:164 Resp: 8520

Ion	Ratio	Lower	Upper
164	100		
162	103.3	83.2	124.8
160	50.6	40.9	61.3

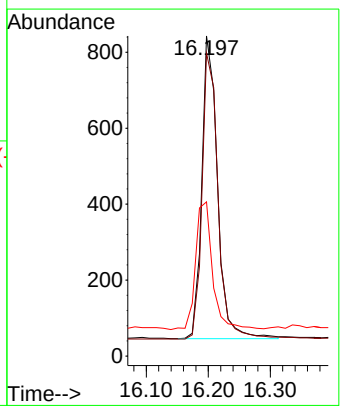


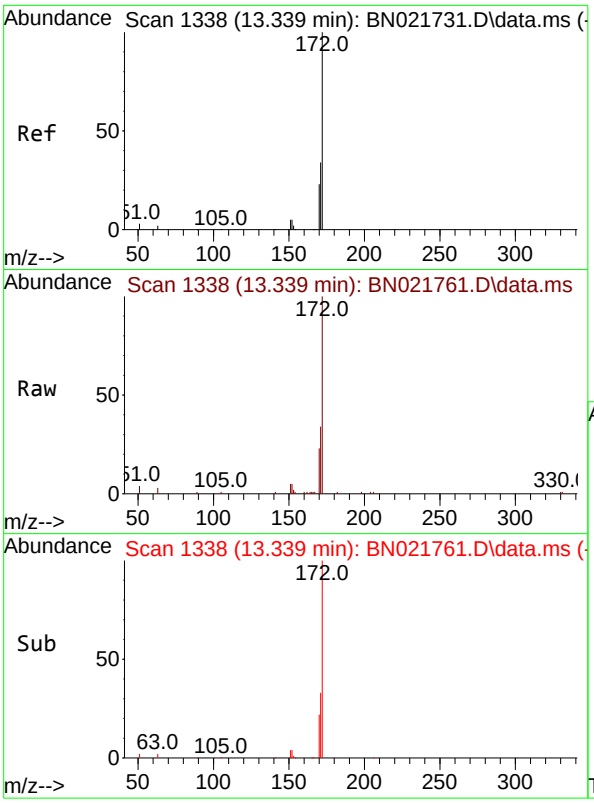


#14
2,4,6-Tribromophenol
Concen: 0.360 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:330 Resp: 1402

Ion	Ratio	Lower	Upper
330	100		
332	95.9	76.8	115.2
141	45.4	37.2	55.8



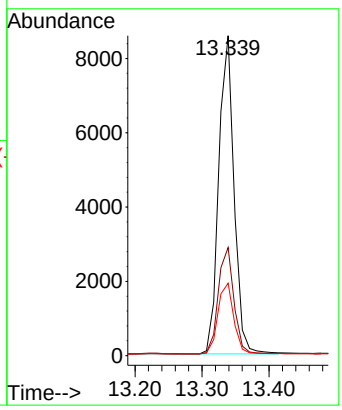


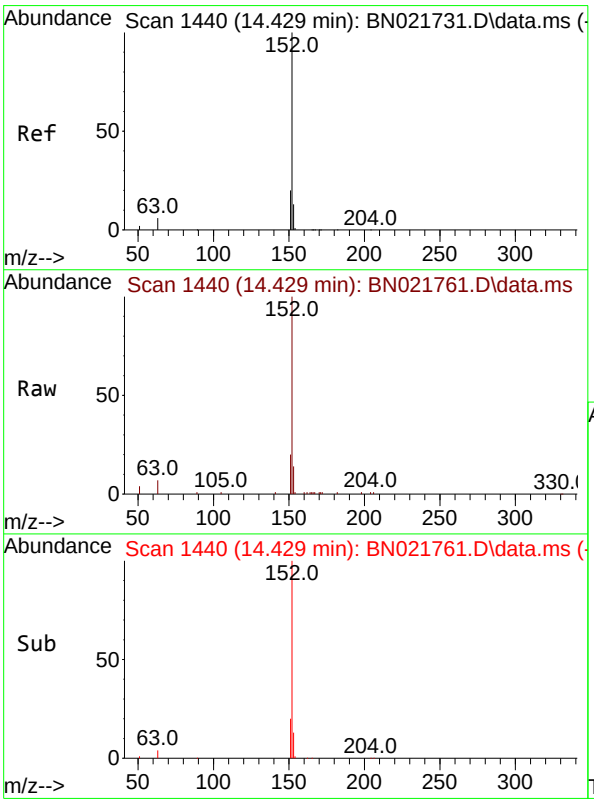
#15
2-Fluorobiphenyl
Concen: 0.392 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:172 Resp: 13620

Ion	Ratio	Lower	Upper
172	100		
171	33.8	27.7	41.5
170	22.7	18.8	28.2

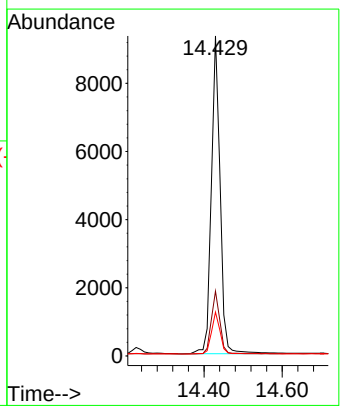


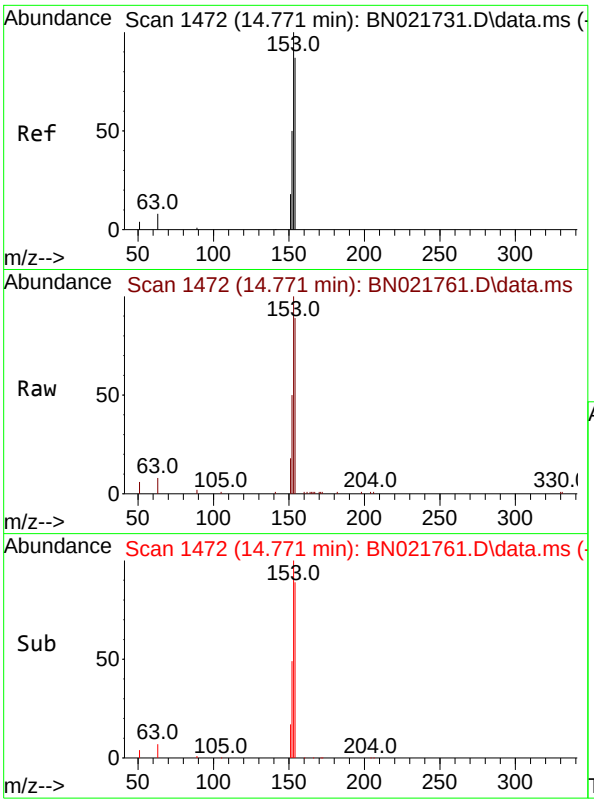


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:152 Resp: 14554

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.0
153	13.1	10.3	15.5



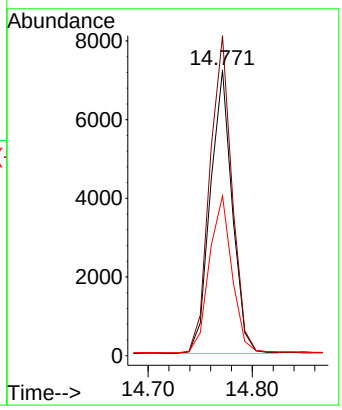


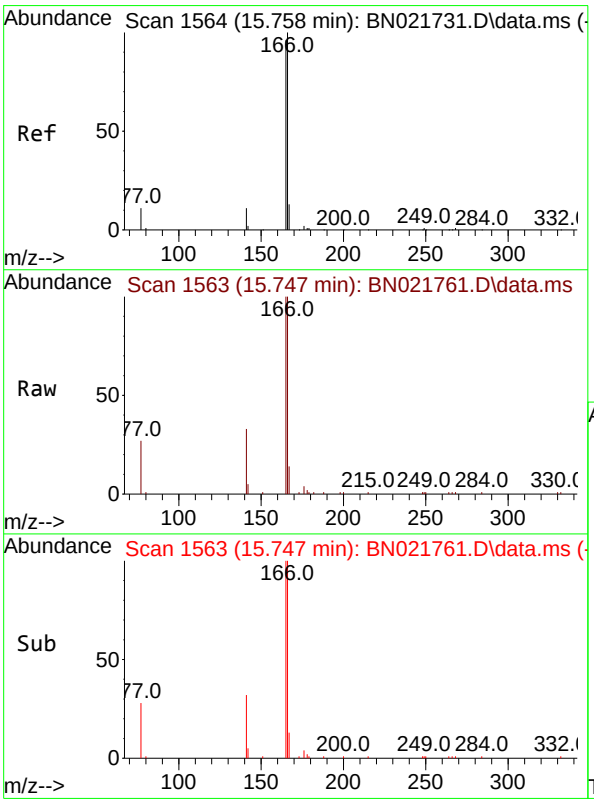
#17
Acenaphthene
Concen: 0.379 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:154 Resp: 10531

Ion	Ratio	Lower	Upper
154	100		
153	114.2	91.0	136.4
152	58.1	46.0	69.0

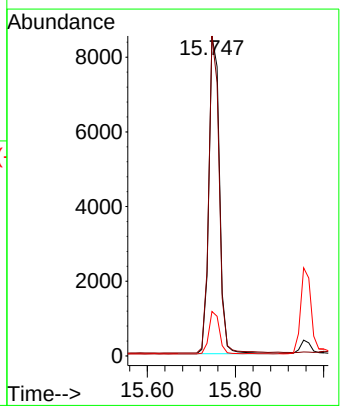


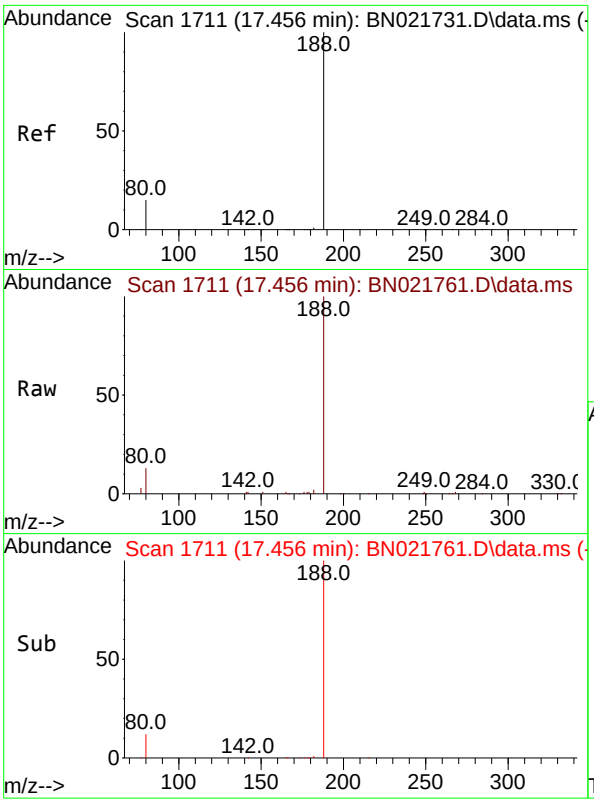


#18
Fluorene
Concen: 0.379 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.011 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:166 Resp: 14025

Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.4	119.0
167	13.2	10.6	15.8



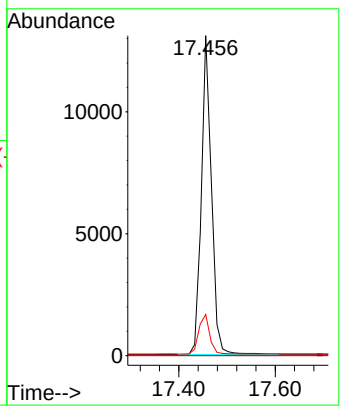


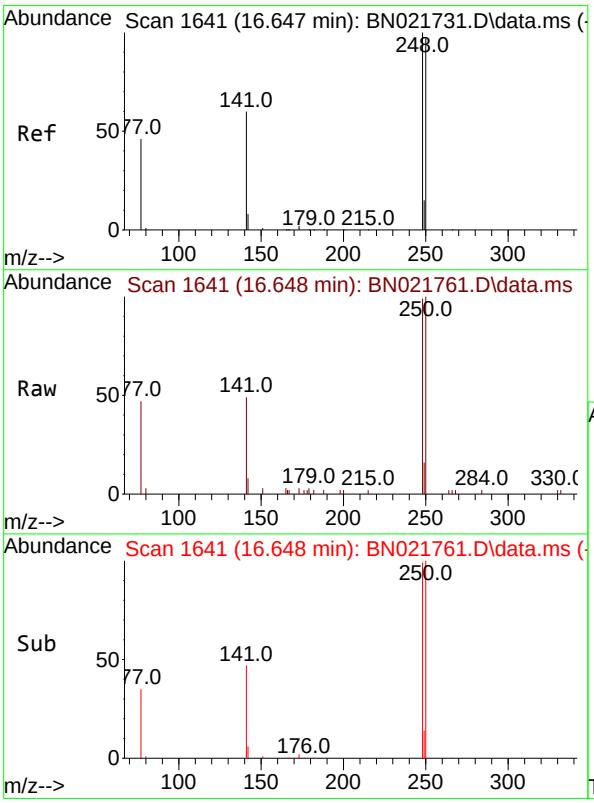
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:188 Resp: 19078

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	12.9	12.6	19.0

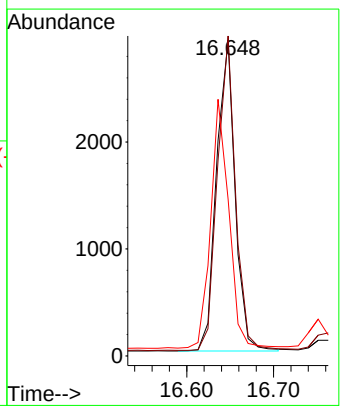


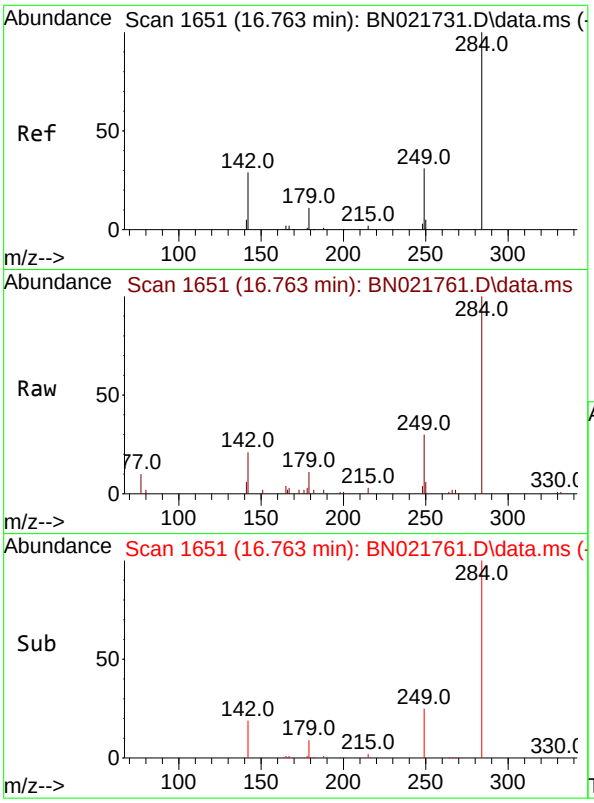


#21
4-Bromophenyl-phenylether
Concen: 0.368 ng
RT: 16.648 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:248 Resp: 4325

Ion	Ratio	Lower	Upper
248	100		
250	101.3	77.8	116.8
141	49.6	49.0	73.4



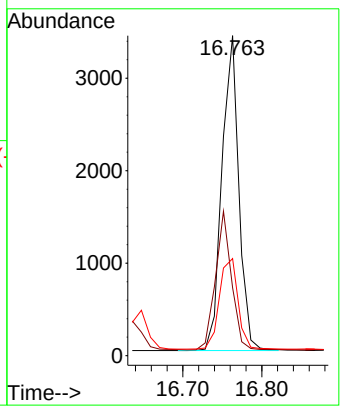


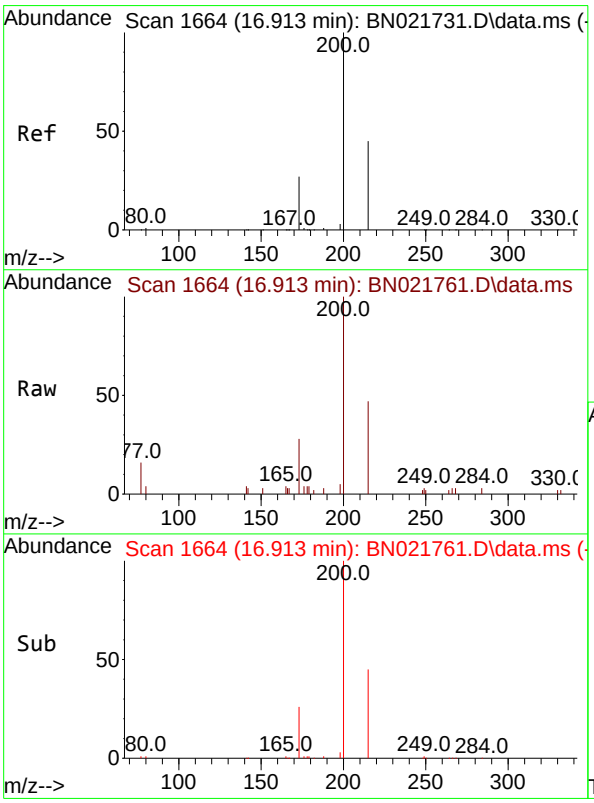
#22
Hexachlorobenzene
Concen: 0.383 ng
RT: 16.763 min Scan# 1(
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:284 Resp: 5063

Ion	Ratio	Lower	Upper
284	100		
142	41.5	33.4	50.2
249	31.8	25.1	37.7

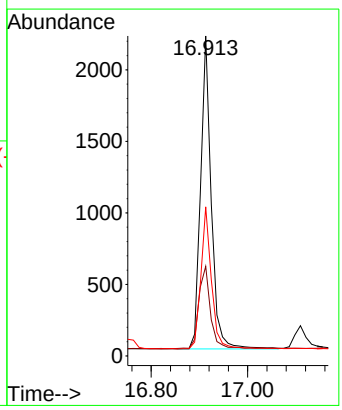


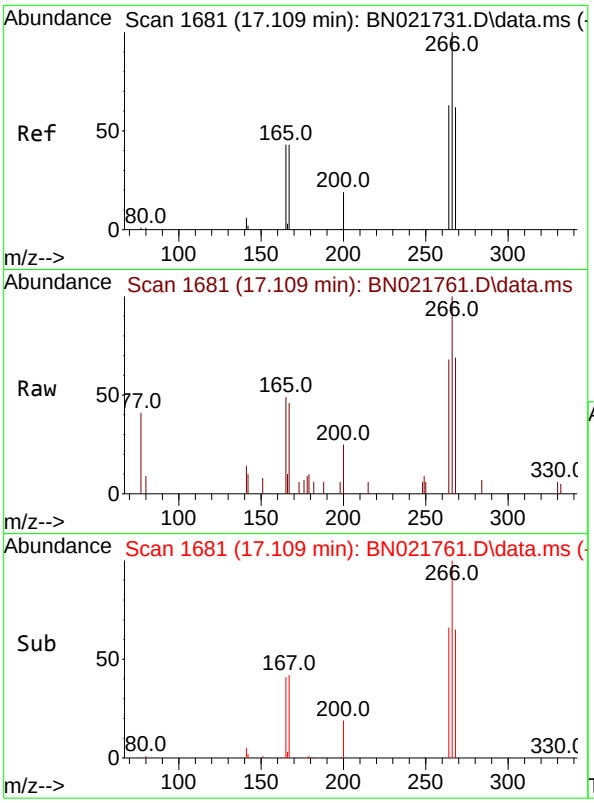


#23
Atrazine
Concen: 0.347 ng
RT: 16.913 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:200 Resp: 3367

Ion	Ratio	Lower	Upper
200	100		
173	28.0	22.9	34.3
215	46.6	36.9	55.3



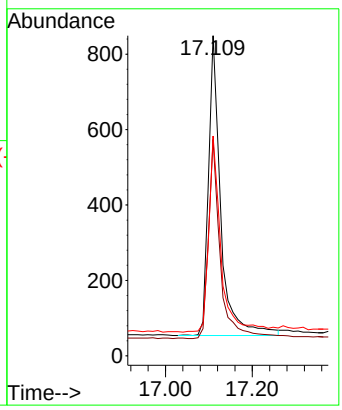


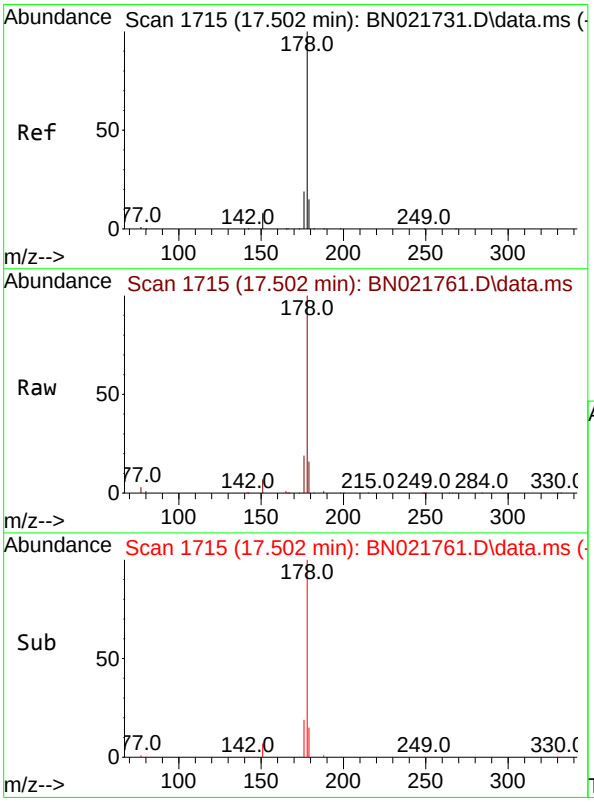
#24
Pentachlorophenol
Concen: 0.315 ng
RT: 17.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:266 Resp: 1562

Ion	Ratio	Lower	Upper
266	100		
264	63.9	50.0	75.0
268	64.7	50.2	75.2

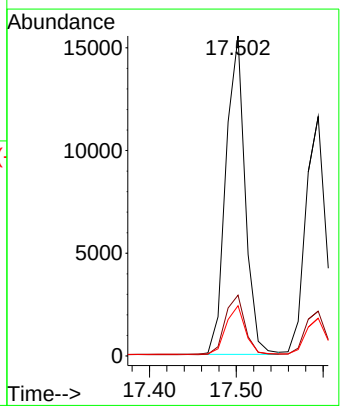


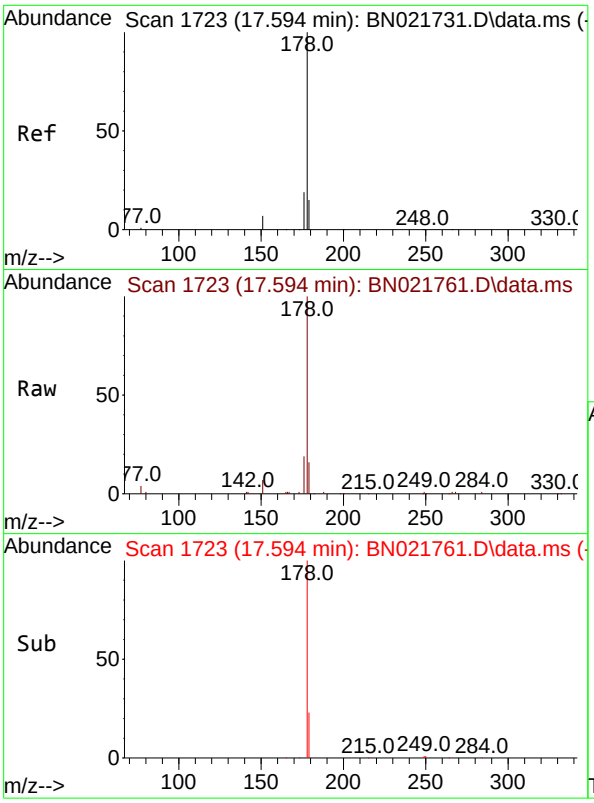


#25
Phenanthrene
Concen: 0.374 ng
RT: 17.502 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:178 Resp: 23929

Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.3	22.9
179	15.4	12.2	18.4



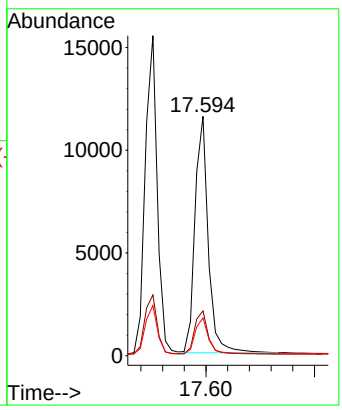


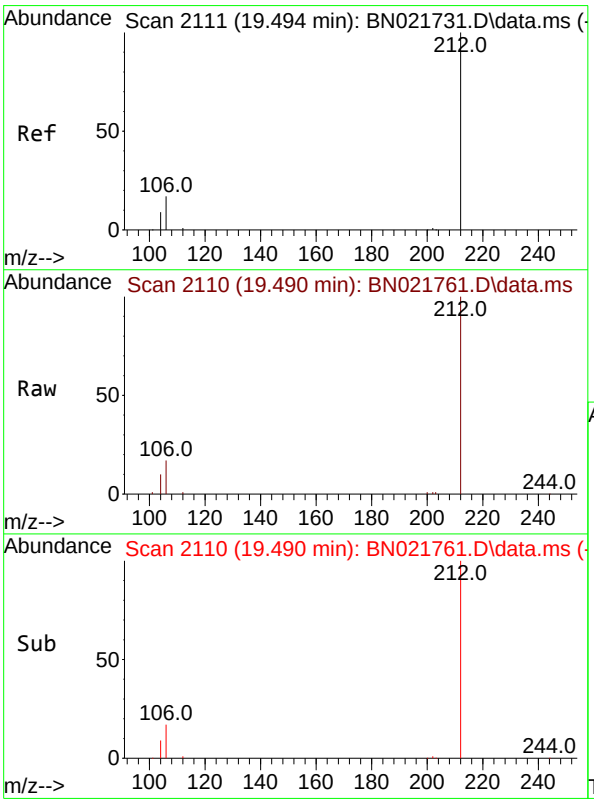
#26
Anthracene
Concen: 0.362 ng
RT: 17.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:178 Resp: 19600

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.0	22.6
179	15.2	12.2	18.2

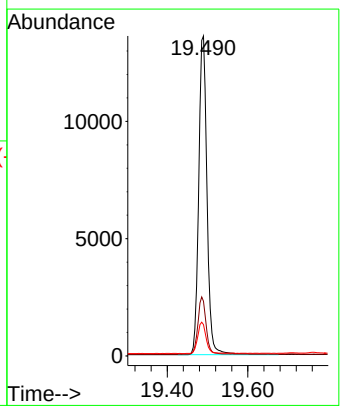


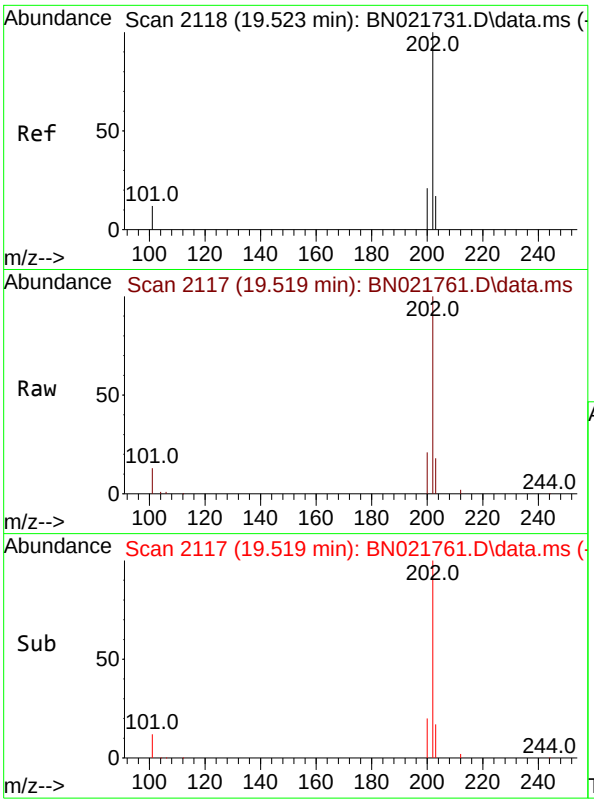


#27
Fluoranthene-d10
Concen: 0.376 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:212 Resp: 19324

Ion	Ratio	Lower	Upper
212	100		
106	17.7	14.3	21.5
104	9.9	8.0	12.0



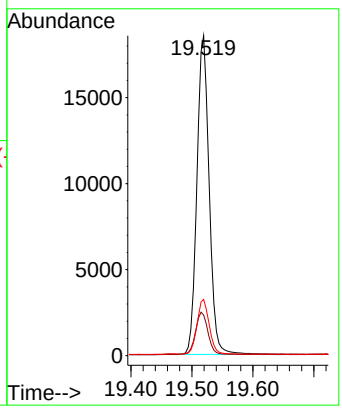


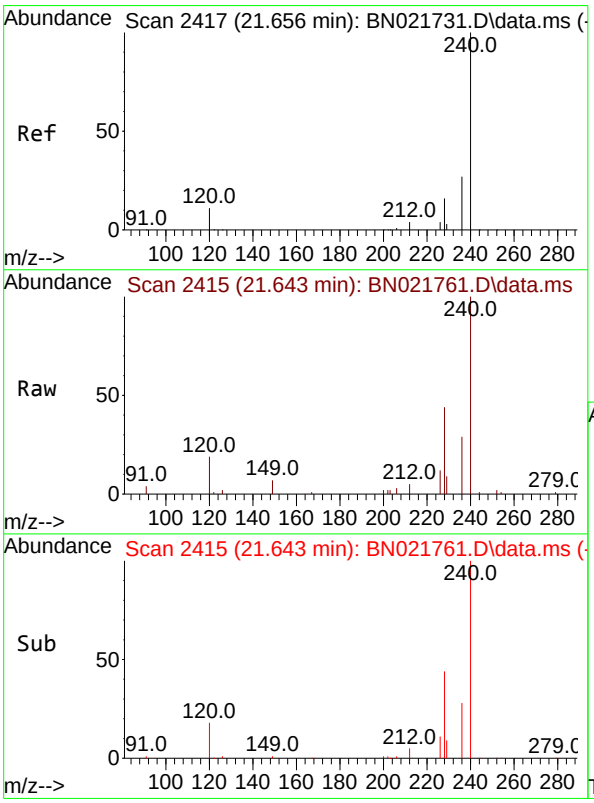
#28
Fluoranthene
Concen: 0.376 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:202 Resp: 25925

Ion	Ratio	Lower	Upper
202	100		
101	13.5	11.0	16.4
203	17.1	13.7	20.5

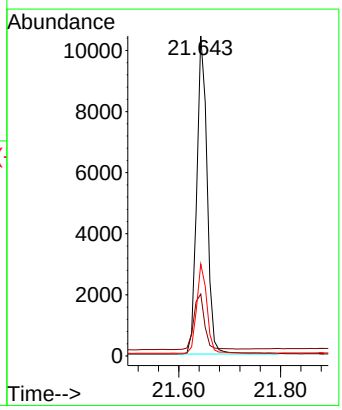


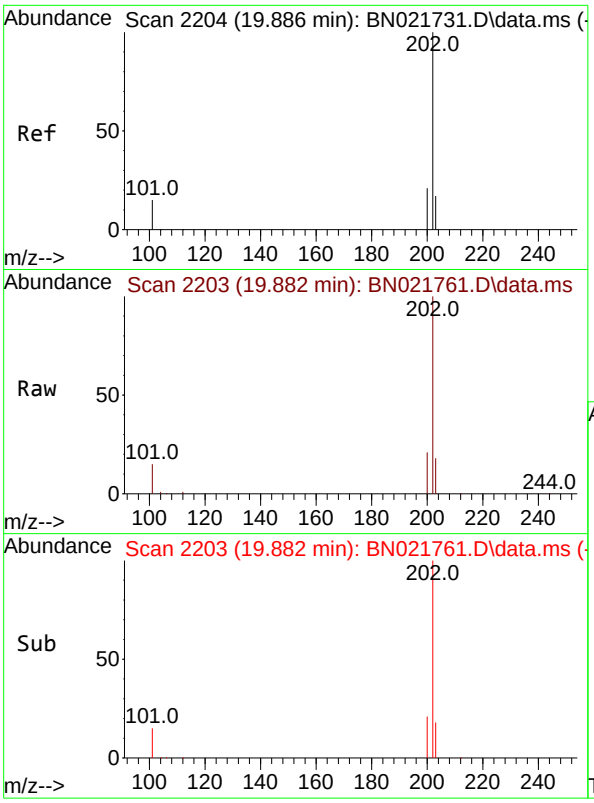


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.643 min Scan# 2415
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:240 Resp: 14711

Ion	Ratio	Lower	Upper
240	100		
120	19.4	9.8	14.8#
236	28.7	22.2	33.4



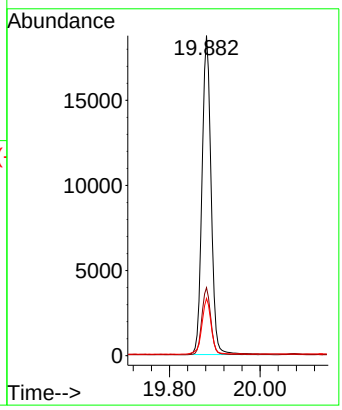


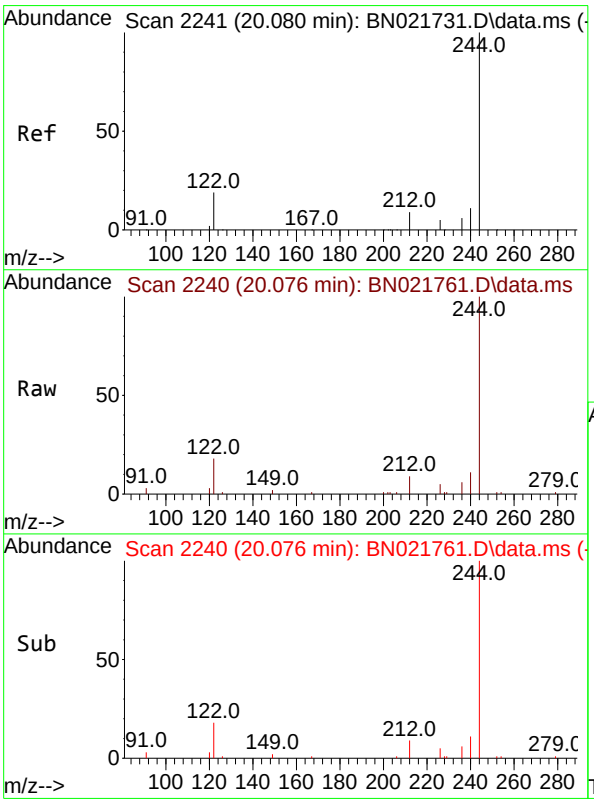
#30
Pyrene
Concen: 0.389 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:202 Resp: 28445

Ion	Ratio	Lower	Upper
202	100		
200	19.1	15.0	22.4
203	16.3	12.8	19.2

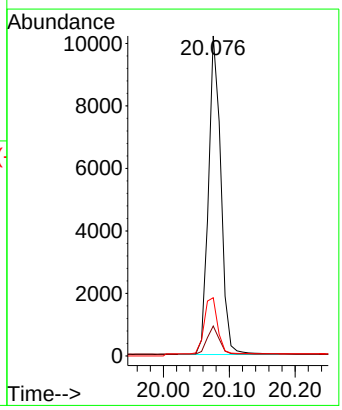


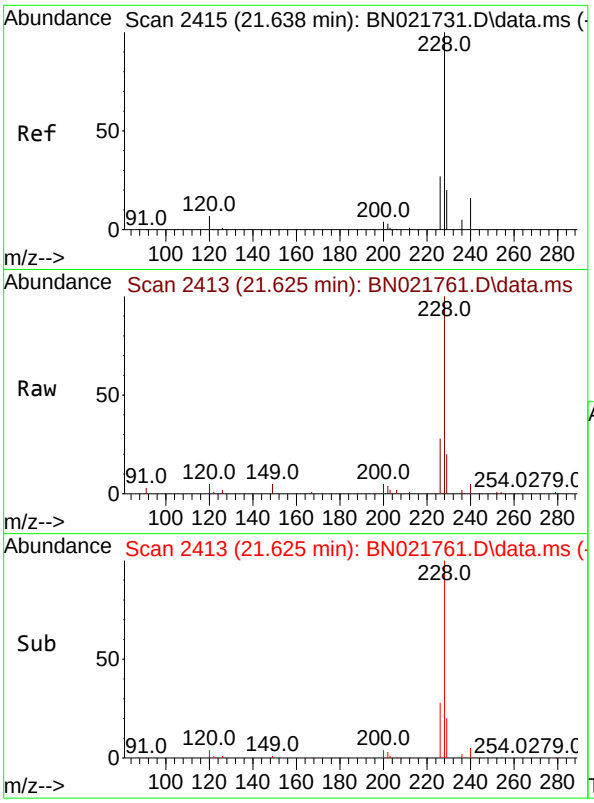


#31
Terphenyl-d14
Concen: 0.398 ng
RT: 20.076 min Scan# 2240
Delta R.T. -0.004 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:244 Resp: 13387

Ion	Ratio	Lower	Upper
244	100		
212	9.3	7.9	11.9
122	18.2	15.8	23.8



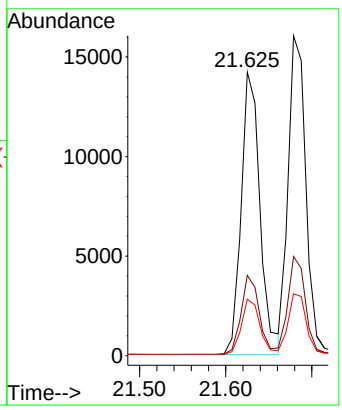


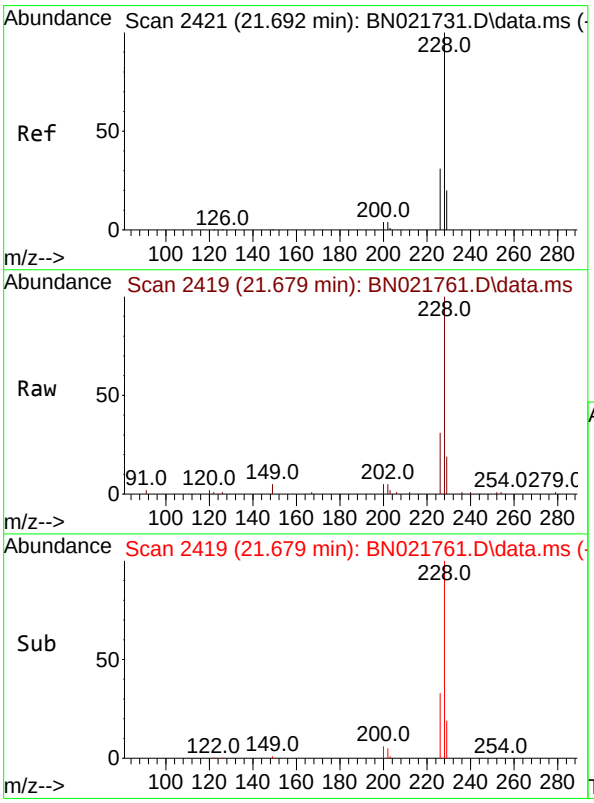
#32
Benzo(a)anthracene
Concen: 0.382 ng
RT: 21.625 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:228 Resp: 21558

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.5	32.3
229	19.9	15.8	23.8

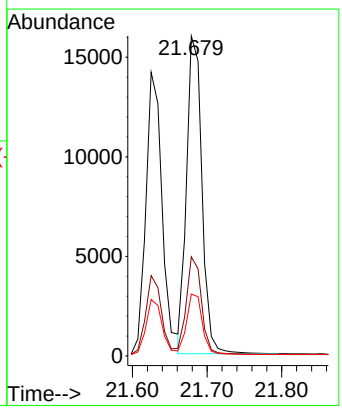


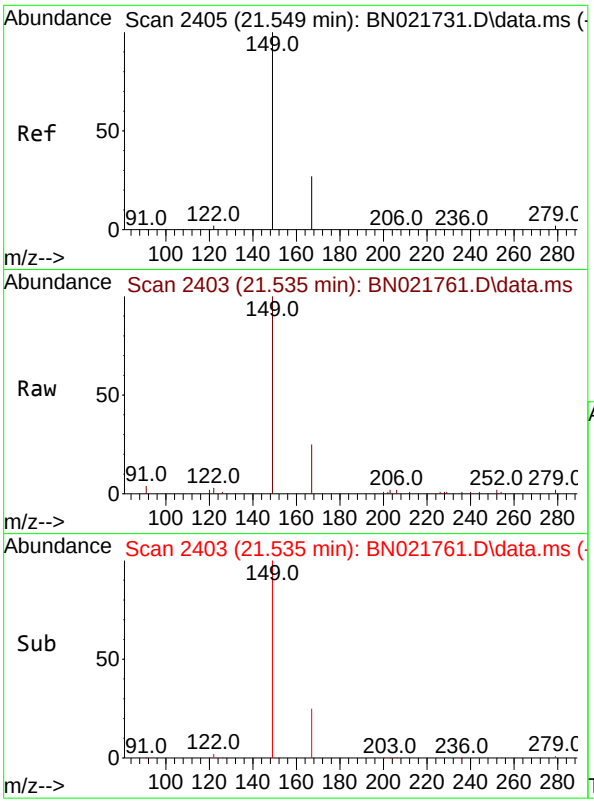


#33
Chrysene
Concen: 0.390 ng
RT: 21.679 min Scan# 2419
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:228 Resp: 22852

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.5	36.7
229	19.4	16.0	24.0



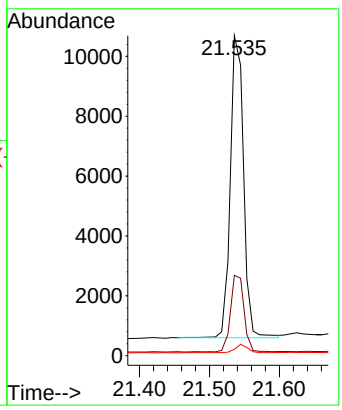


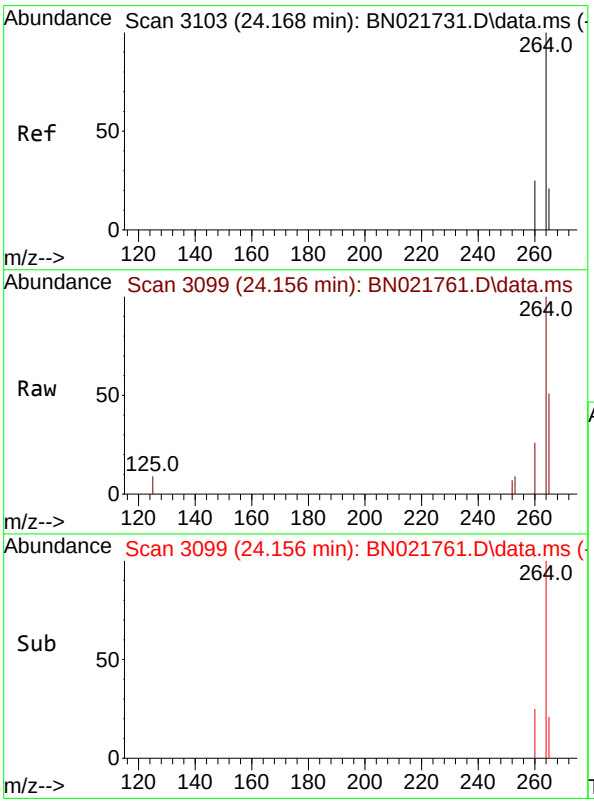
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.350 ng
RT: 21.535 min Scan# 24
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:149 Resp: 13206

Ion	Ratio	Lower	Upper
149	100		
167	25.8	20.8	31.2
279	2.6	2.1	3.1

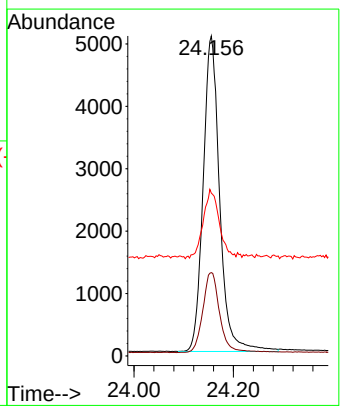


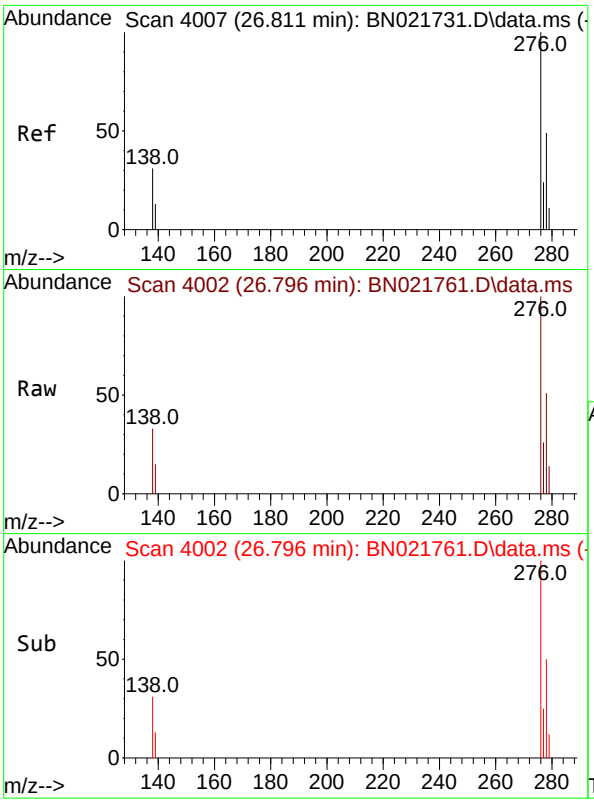


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.156 min Scan# 3099
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:264 Resp: 11685

Ion	Ratio	Lower	Upper
264	100		
260	26.0	20.6	31.0
265	50.9	34.4	51.6



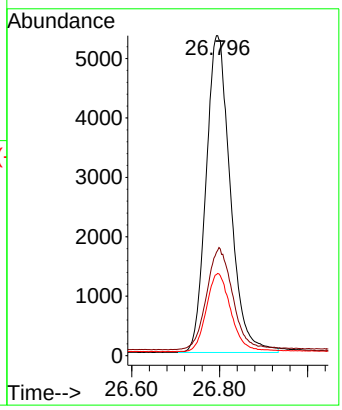


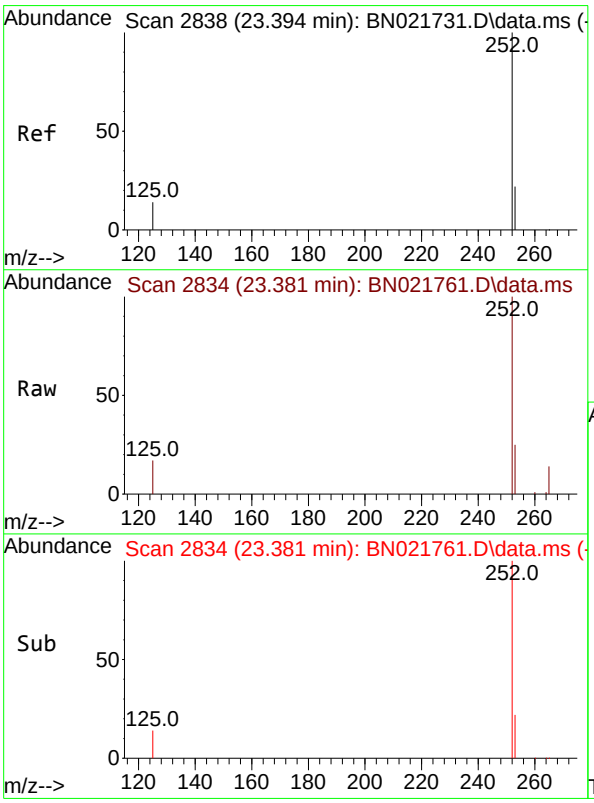
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.367 ng
RT: 26.796 min Scan# 4
Delta R.T. -0.016 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:276 Resp: 20387

Ion	Ratio	Lower	Upper
276	100		
138	33.9	27.4	41.0
277	24.9	19.8	29.6

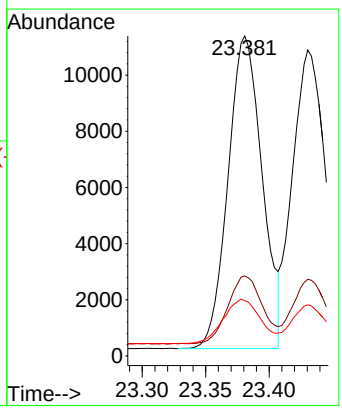


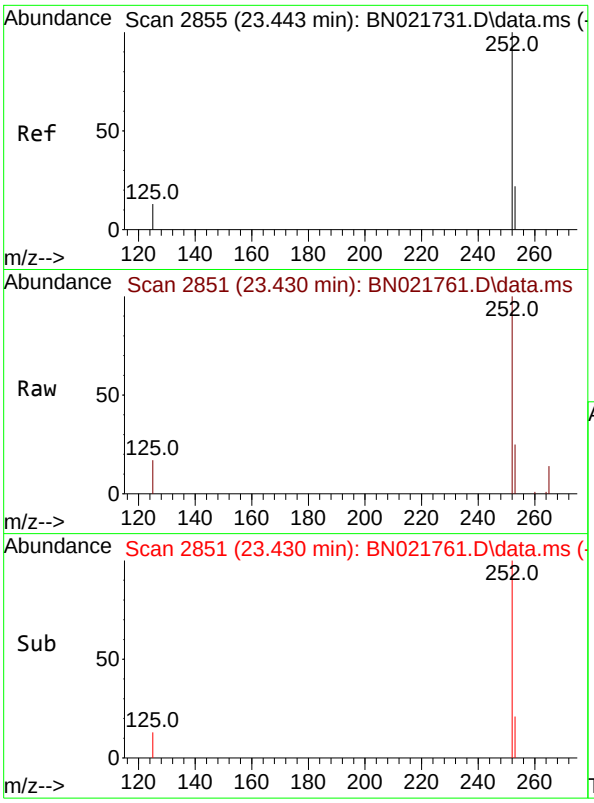


#37
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 23.381 min Scan# 2834
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:252 Resp: 20811

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.6	29.4
125	17.3	13.0	19.4



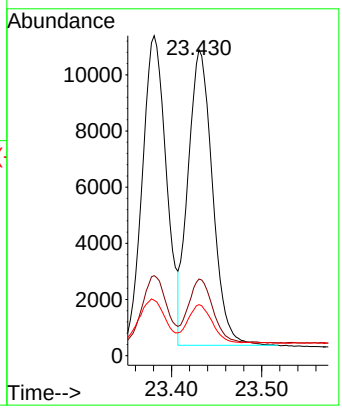


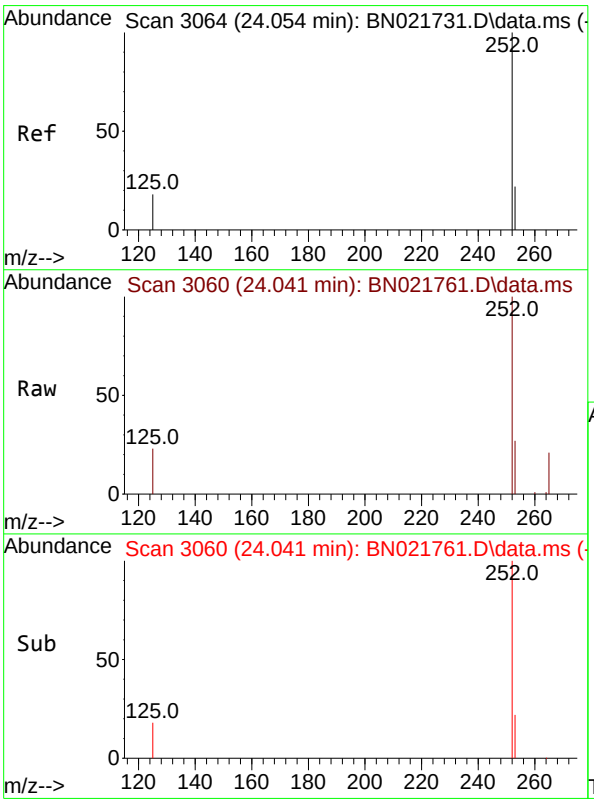
#38
Benzo(k)fluoranthene
Concen: 0.382 ng
RT: 23.430 min Scan# 2
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:252 Resp: 19811

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.4	29.2
125	16.7	12.6	18.8

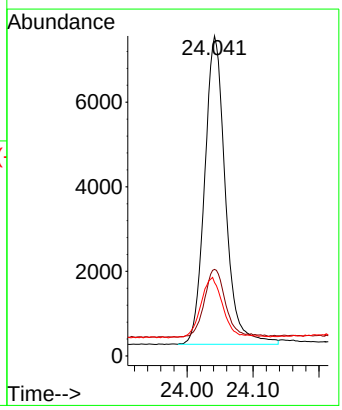


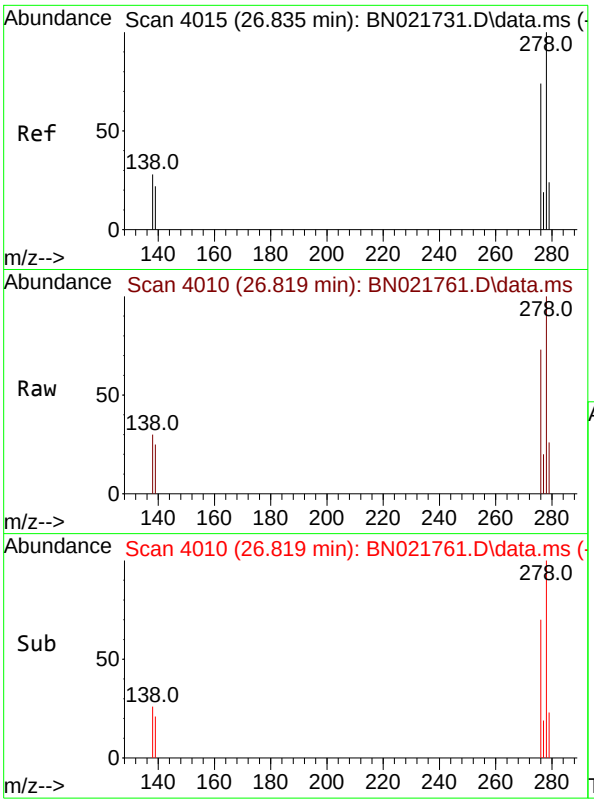


#39
Benzo(a)pyrene
Concen: 0.377 ng
RT: 24.041 min Scan# 3060
Delta R.T. -0.013 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:252 Resp: 15941

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.8	31.2
125	22.9	17.4	26.0



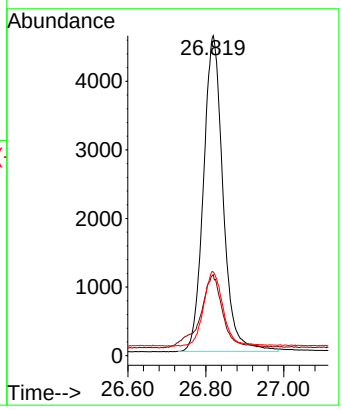


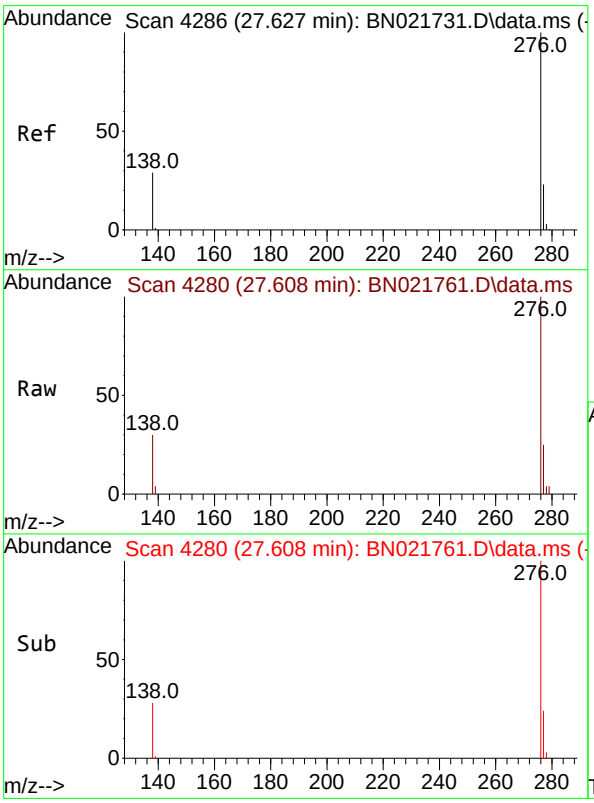
#40
Dibenzo(a,h)anthracene
Concen: 0.365 ng
RT: 26.819 min Scan# 4
Delta R.T. -0.016 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Instrument :
BNA_N
ClientSampleId :
PB147574BSD

Tgt Ion:278 Resp: 16047

Ion	Ratio	Lower	Upper
278	100		
139	25.3	19.2	28.8
279	26.2	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.367 ng
RT: 27.608 min Scan# 4280
Delta R.T. -0.019 min
Lab File: BN021761.D
Acq: 15 Sep 2022 00:22

Tgt Ion:276 Resp: 16586

Ion	Ratio	Lower	Upper
276	100		
277	25.0	19.2	28.8
138	30.1	24.2	36.2