Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021915.D
Acq On : 26 Sep 2022 13:01
Operator : CG/JU
Sample : PB147729BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Quant Time: Sep 26 17:36:50 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	8.047	152	4429	0.400	ng		-0.01
7) Naphthalene-d8	10.877	136	14170	0.400	ng		-0.01
13) Acenaphthene-d10	14.696	164	7834	0.400	ng		-0.01
19) Phenanthrene-d10	17.456	188	13697	0.400	ng		# 0.00
29) Chrysene-d12	21.647	240	8053	0.400	ng		# 0.00
35) Perylene-d12	24.154	264	6399	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.577	112	5189	0.448	ng		0.00
5) Phenol-d6	7.202	99	6276	0.427	ng		0.00
8) Nitrobenzene-d5	9.222	82	4753	0.406	ng		-0.01
11) 2-Methylnaphthalene-d10	12.463	152	12855	0.360	ng		-0.01
14) 2,4,6-Tribromophenol	16.197	330	831	0.232	ng		-0.01
15) 2-Fluorobiphenyl	13.328	172	12806	0.400	ng		-0.01
27) Fluoranthene-d10	19.485	212	11873	0.322	ng		0.00
31) Terphenyl-d14	20.080	244	7518	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.396	88	2112	0.369	ng		97
3) n-Nitrosodimethylamine	3.735	42	2379	0.409	ng	#	92
6) bis(2-Chloroethyl)ether	7.462	93	5462	0.375	ng		99
9) Naphthalene	10.920	128	16307	0.390	ng		99
10) Hexachlorobutadiene	11.208	225	2692	0.385	ng	#	99
12) 2-Methylnaphthalene	12.180	142	3013	0.335	ng	#	93
16) Acenaphthylene	14.418	152	13472	0.360	ng		99
17) Acenaphthene	14.761	154	9775	0.382	ng		100
18) Fluorene	15.747	166	12006	0.353	ng		99
21) 4-Bromophenyl-phenylether	16.636	248	3471	0.411	ng	#	89
22) Hexachlorobenzene	16.751	284	4231	0.446	ng		99
23) Atrazine	16.913	200	2408	0.345	ng		99
24) Pentachlorophenol	17.109	266	726	0.204	ng		98
25) Phenanthrene	17.490	178	17144	0.373	ng		100
26) Anthracene	17.583	178	13585	0.349	ng		100
28) Fluoranthene	19.515	202	15748	0.318	ng		99
30) Pyrene	19.877	202	17062	0.427	ng		99
32) Benzo(a)anthracene	21.629	228	11083	0.359	ng		99
33) Chrysene	21.683	228	12296	0.383	ng		100
34) Bis(2-ethylhexyl)phtha...	21.540	149	7361	0.357	ng	#	100
36) Indeno(1,2,3-cd)pyrene	26.797	276	10297	0.339	ng		99
37) Benzo(b)fluoranthene	23.382	252	10642	0.366	ng	#	89
38) Benzo(k)fluoranthene	23.435	252	10411	0.366	ng	#	88
39) Benzo(a)pyrene	24.043	252	8116	0.350	ng	#	84
40) Dibenzo(a,h)anthracene	26.820	278	7844	0.326	ng	#	90
41) Benzo(g,h,i)perylene	27.607	276	9701	0.392	ng		96

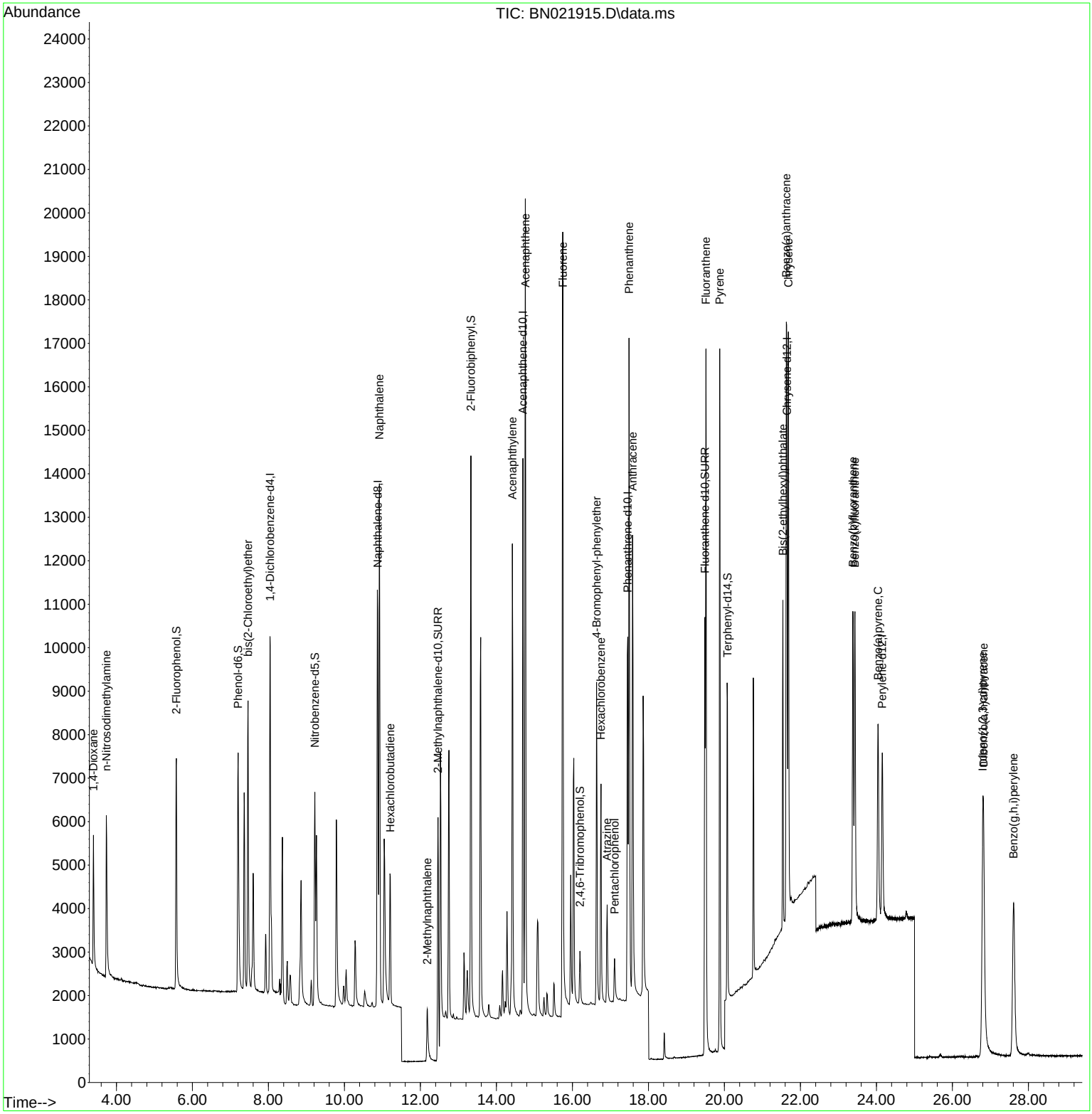
(#) = qualifier out of range (m) = manual integration (+) = signals summed

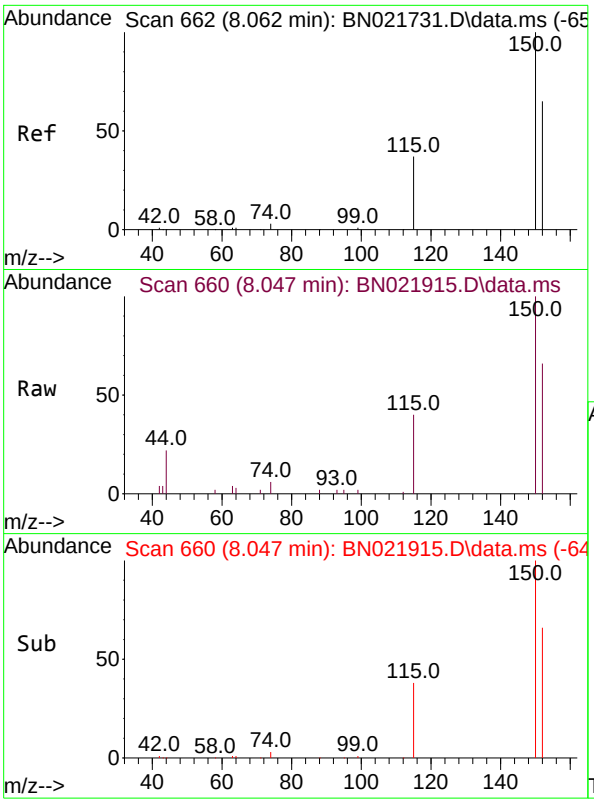
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092622\
Data File : BN021915.D
Acq On : 26 Sep 2022 13:01
Operator : CG/JU
Sample : PB147729BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Quant Time: Sep 26 17:36:50 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



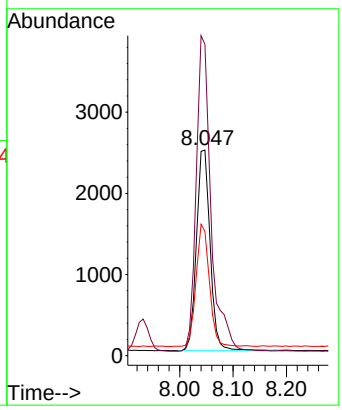


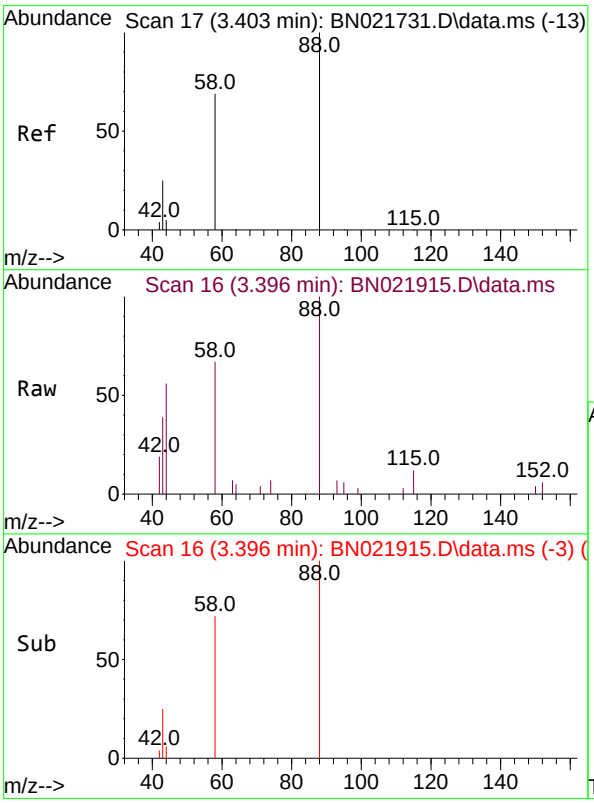
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.047 min Scan# 6
Delta R.T. -0.015 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:152 Resp: 4429

Ion	Ratio	Lower	Upper
152	100		
150	151.4	121.8	182.8
115	60.5	48.3	72.5

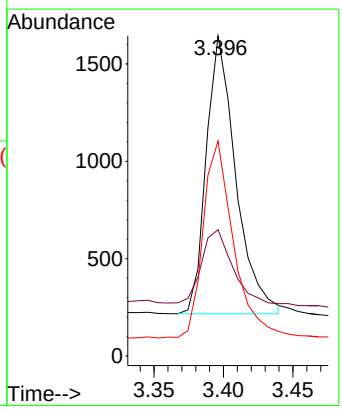


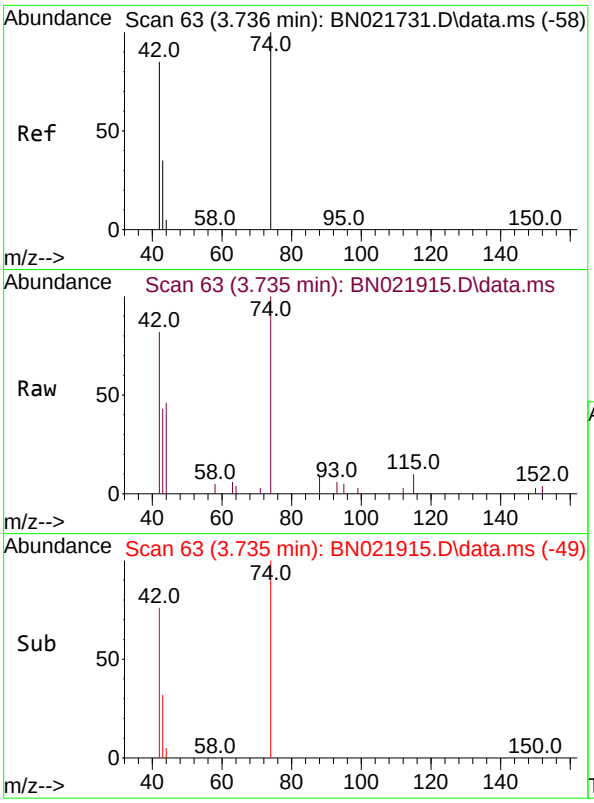


#2
1,4-Dioxane
Concen: 0.369 ng
RT: 3.396 min Scan# 16
Delta R.T. -0.007 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion: 88 Resp: 2112

Ion	Ratio	Lower	Upper
88	100		
43	27.5	24.2	36.2
58	73.0	60.2	90.4



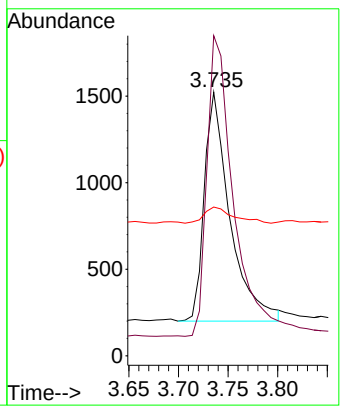


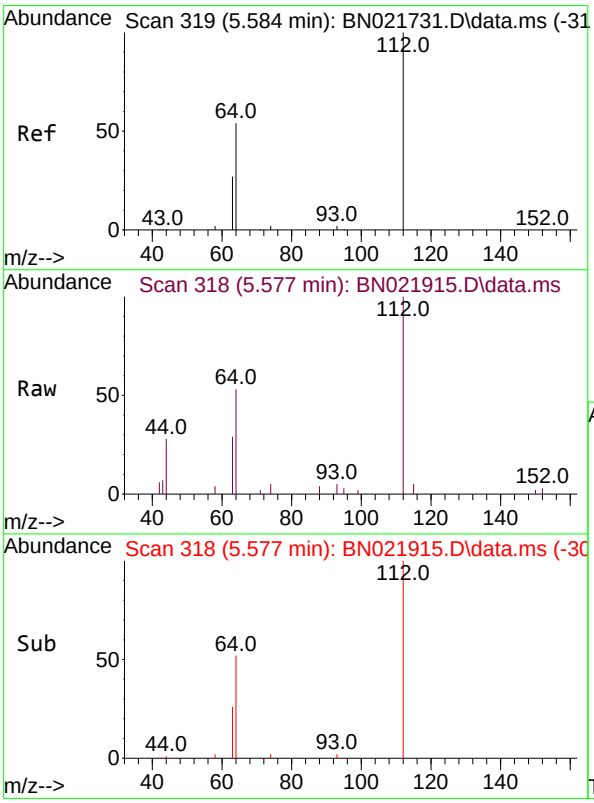
#3
n-Nitrosodimethylamine
Concen: 0.409 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion: 42 Resp: 2379

Ion	Ratio	Lower	Upper
42	100		
74	135.4	116.3	174.5
44	8.0	9.0	13.4#

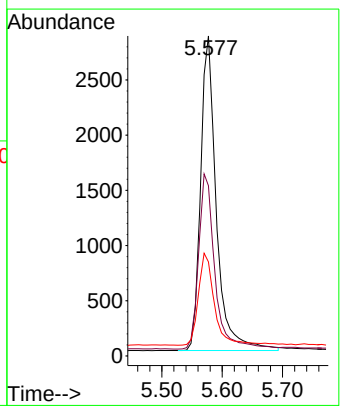


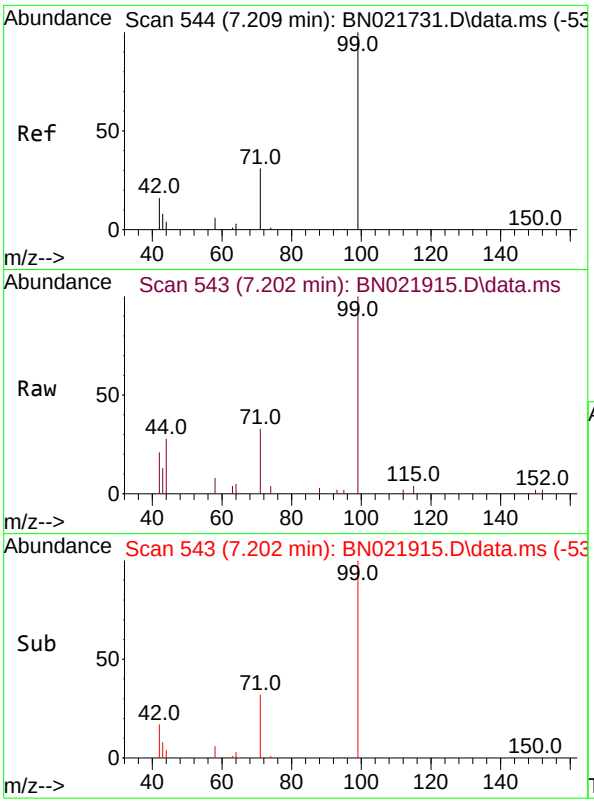


#4
2-Fluorophenol
Concen: 0.448 ng
RT: 5.577 min Scan# 318
Delta R.T. -0.007 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:112 Resp: 5189

Ion	Ratio	Lower	Upper
112	100		
64	57.3	45.4	68.2
63	30.1	23.3	34.9



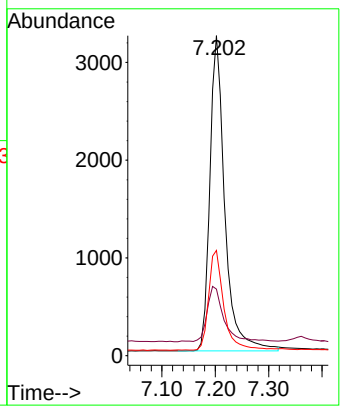


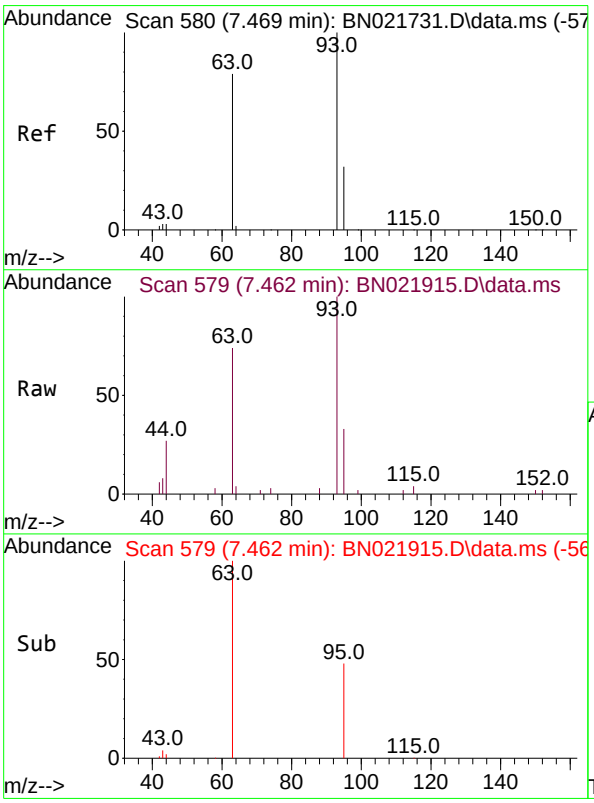
#5
Phenol-d6
Concen: 0.427 ng
RT: 7.202 min Scan# 54
Delta R.T. -0.007 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion: 99 Resp: 6276

Ion	Ratio	Lower	Upper
99	100		
42	19.7	15.1	22.7
71	32.1	25.3	37.9

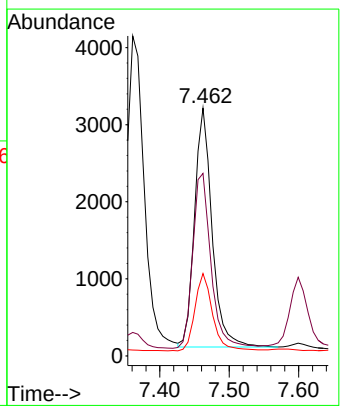


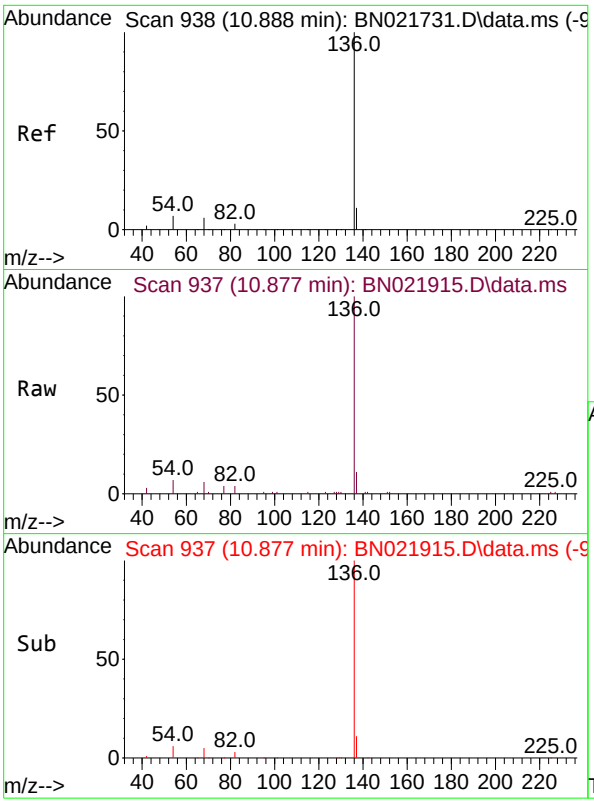


#6
bis(2-Chloroethyl)ether
Concen: 0.375 ng
RT: 7.462 min Scan# 579
Delta R.T. -0.007 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion: 93 Resp: 5462

Ion	Ratio	Lower	Upper
93	100		
63	76.2	60.0	90.0
95	32.5	26.2	39.4



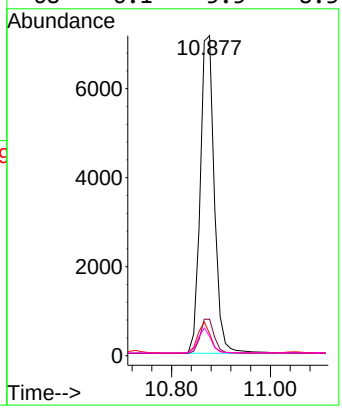


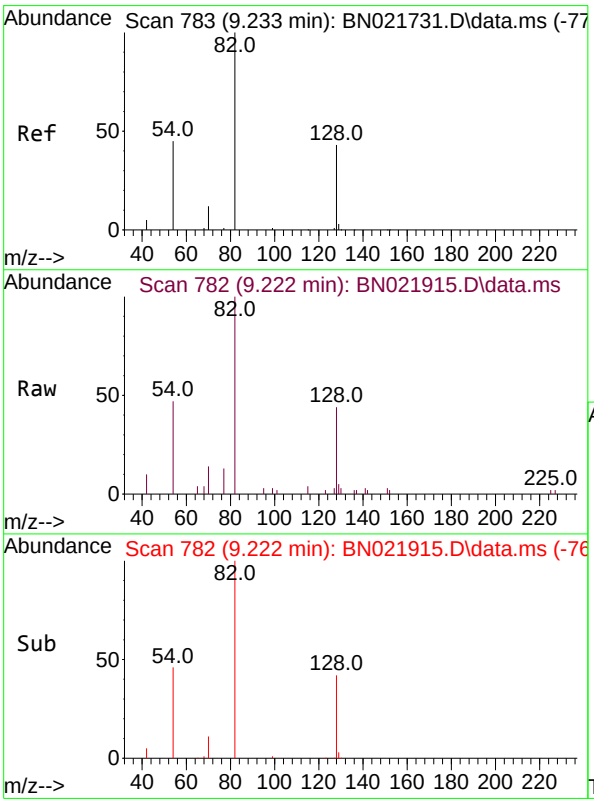
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.877 min Scan# 9
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:136 Resp: 14170

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	6.9	6.4	9.6
68	6.1	5.5	8.3

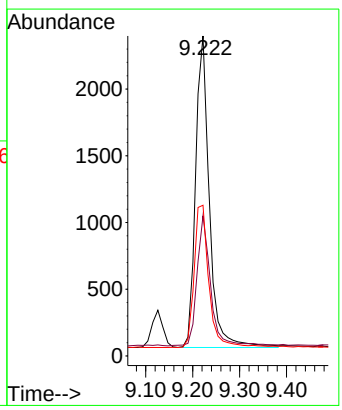


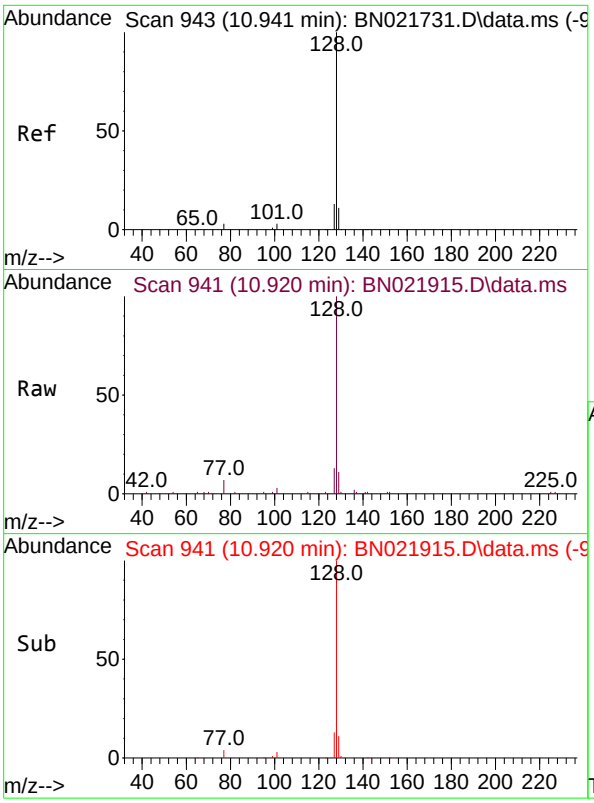


#8
Nitrobenzene-d5
Concen: 0.406 ng
RT: 9.222 min Scan# 782
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion: 82 Resp: 4753

Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.6	53.4
54	47.1	37.8	56.8



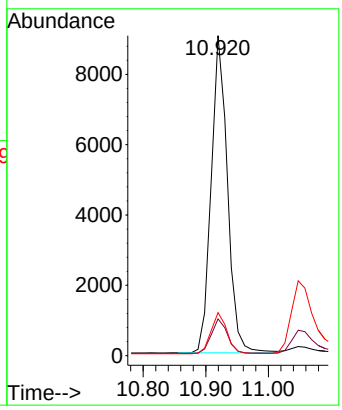


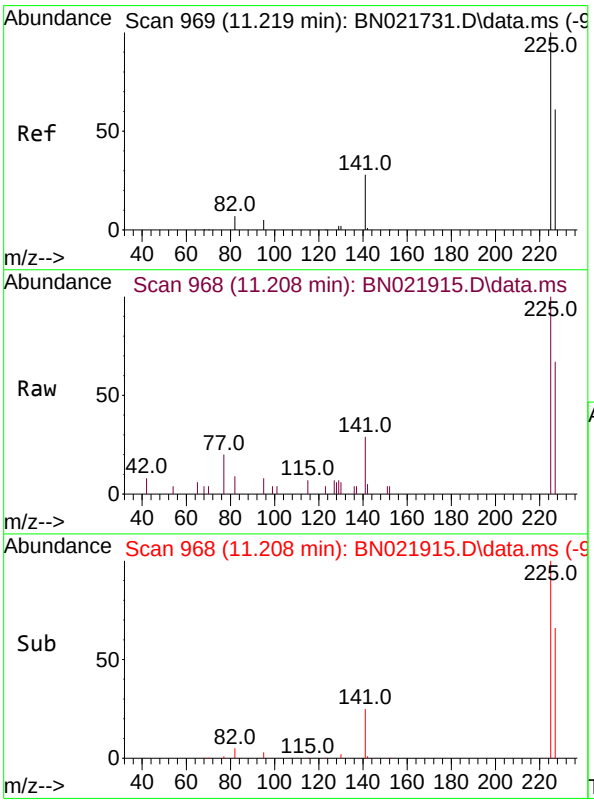
#9
Naphthalene
Concen: 0.390 ng
RT: 10.920 min Scan# 94
Delta R.T. -0.021 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:128 Resp: 16307

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.2	13.8
127	13.5	10.5	15.7

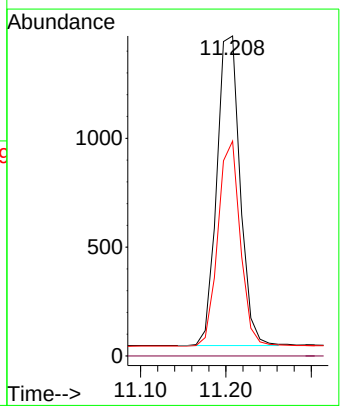


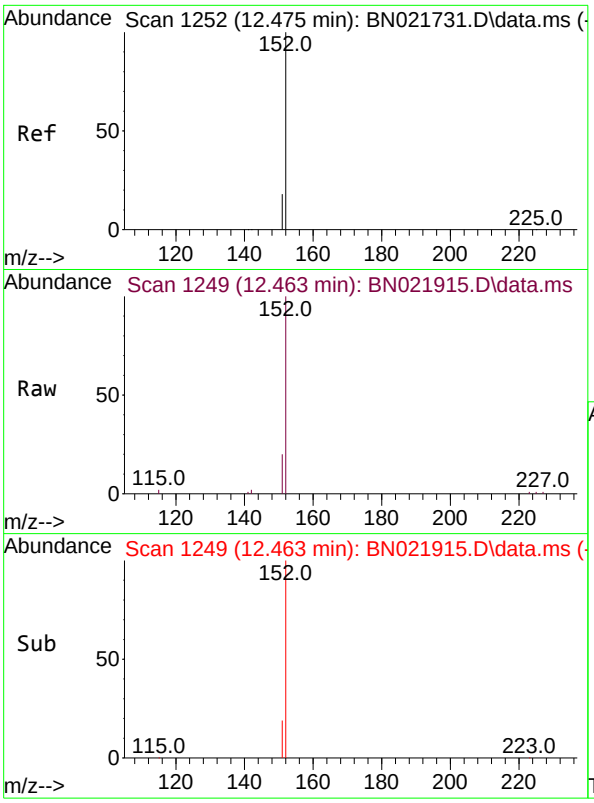


#10
Hexachlorobutadiene
Concen: 0.385 ng
RT: 11.208 min Scan# 968
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:225 Resp: 2692

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.4	75.6



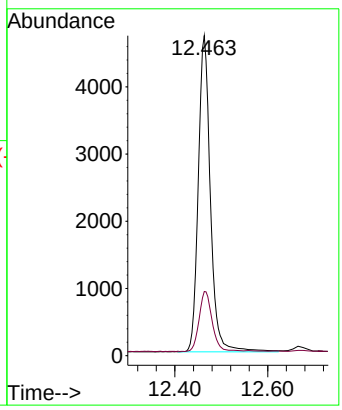


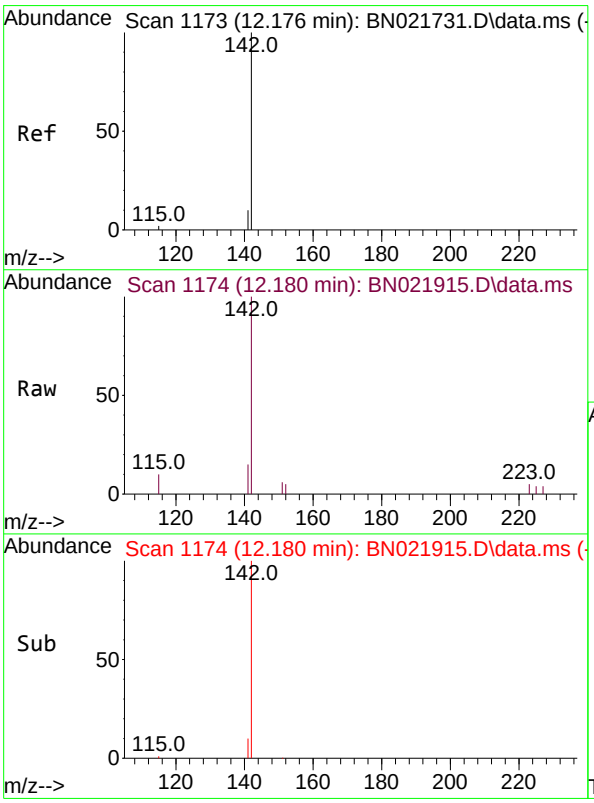
#11
2-Methylnaphthalene-d10
Concen: 0.360 ng
RT: 12.463 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:152 Resp: 12855

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.6	23.4

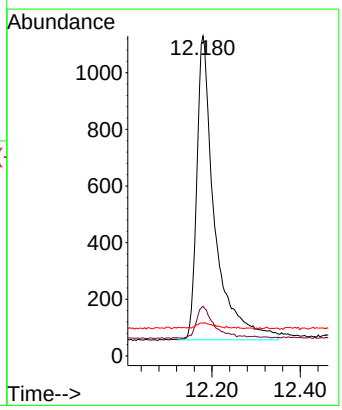


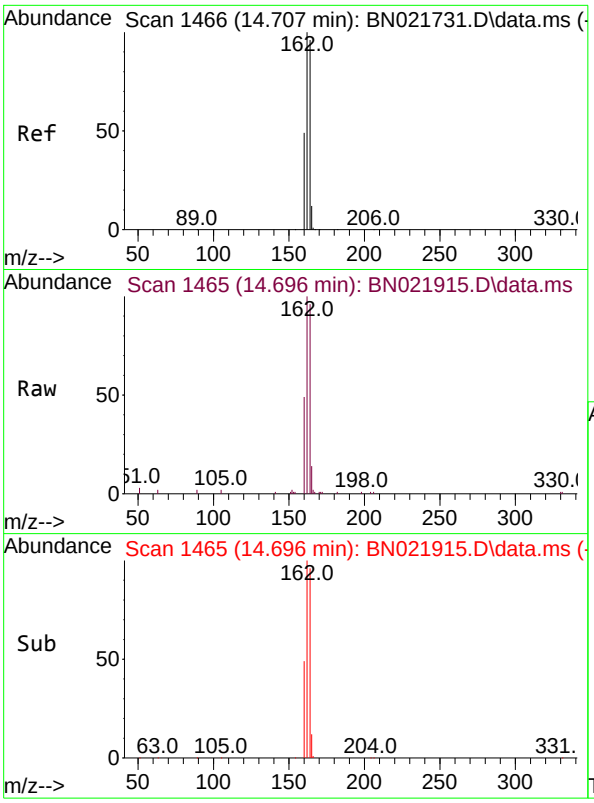


#12
2-Methylnaphthalene
Concen: 0.335 ng
RT: 12.180 min Scan# 1174
Delta R.T. 0.004 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:142 Resp: 3013

Ion	Ratio	Lower	Upper
142	100		
141	15.5	10.6	16.0
115	10.2	5.6	8.4#



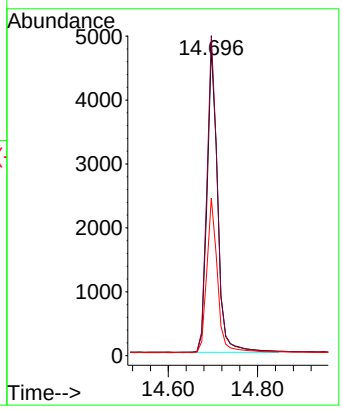


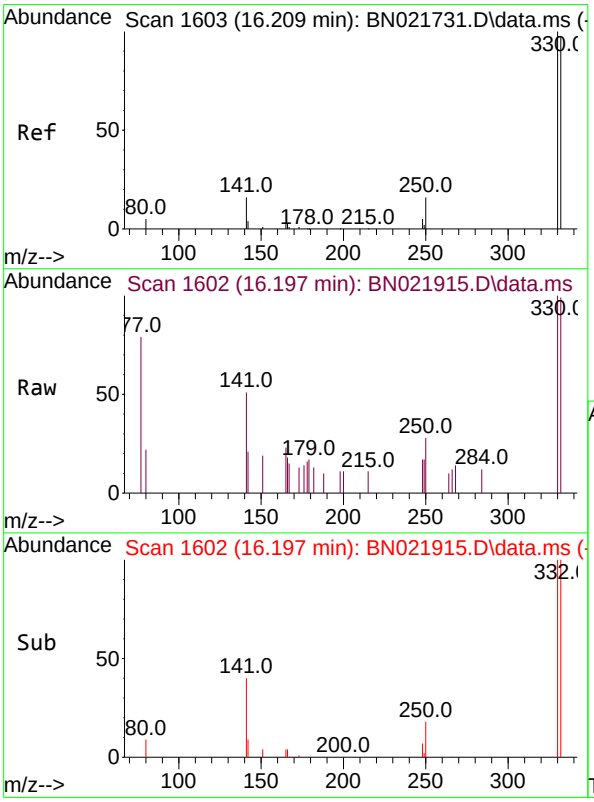
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.696 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:164 Resp: 7834

Ion	Ratio	Lower	Upper
164	100		
162	103.8	83.2	124.8
160	51.1	40.9	61.3

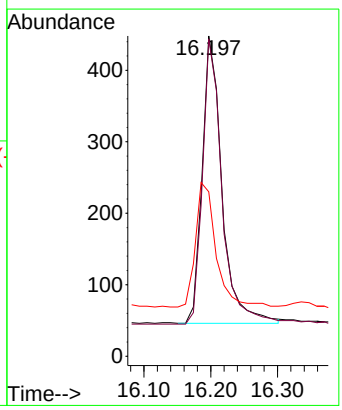


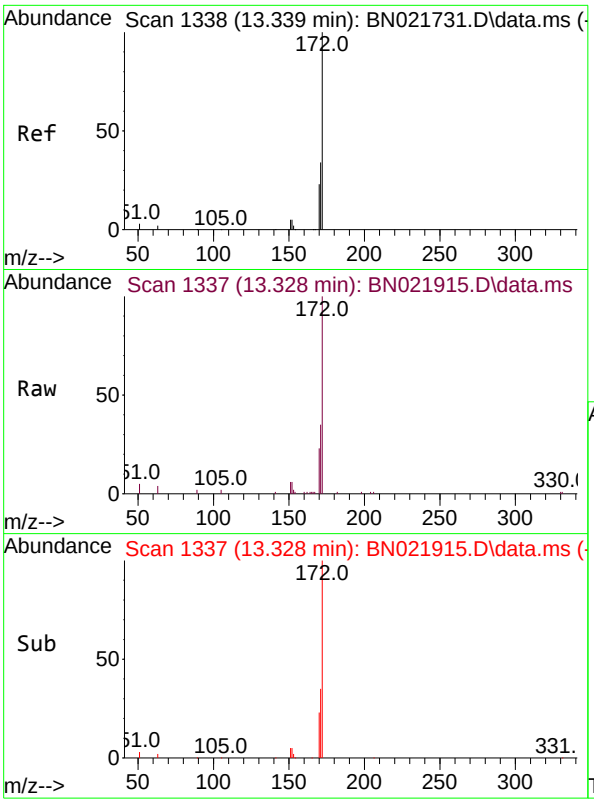


#14
2,4,6-Tribromophenol
Concen: 0.232 ng
RT: 16.197 min Scan# 1602
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:330 Resp: 831

Ion	Ratio	Lower	Upper
330	100		
332	97.5	76.8	115.2
141	44.5	37.2	55.8



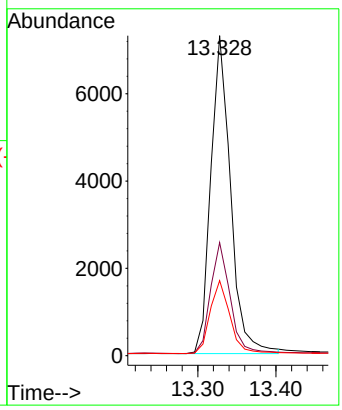


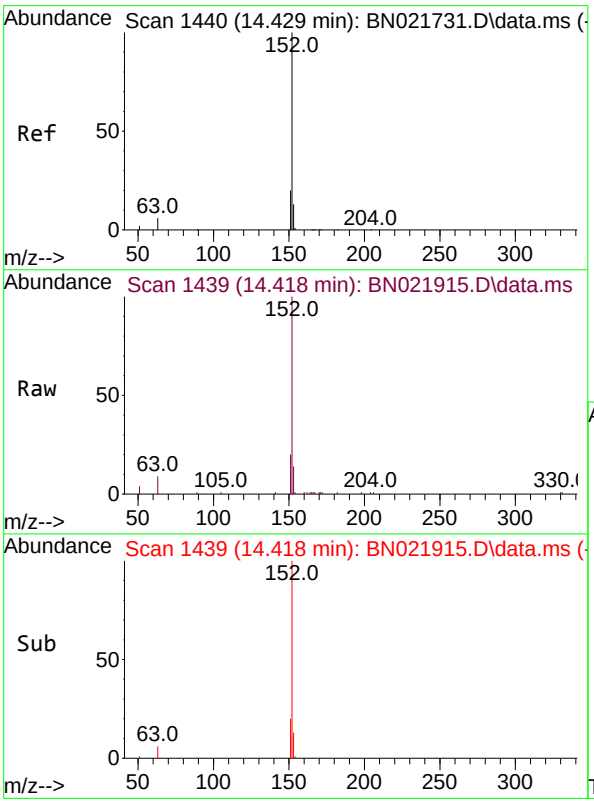
#15
2-Fluorobiphenyl
Concen: 0.400 ng
RT: 13.328 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:172 Resp: 12806

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.7	41.5
170	23.5	18.8	28.2

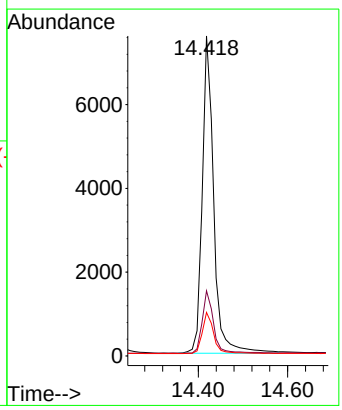


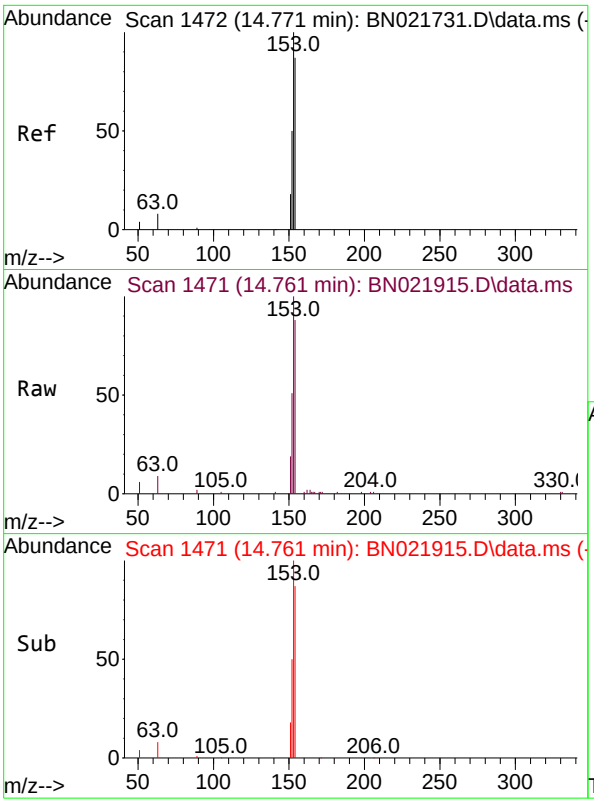


#16
Acenaphthylene
Concen: 0.360 ng
RT: 14.418 min Scan# 1439
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:152 Resp: 13472

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



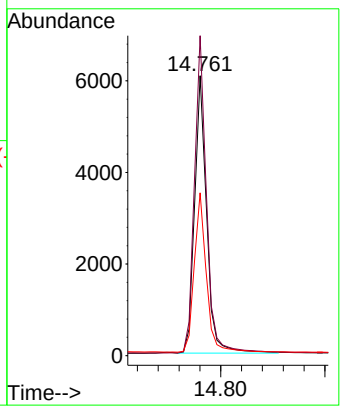


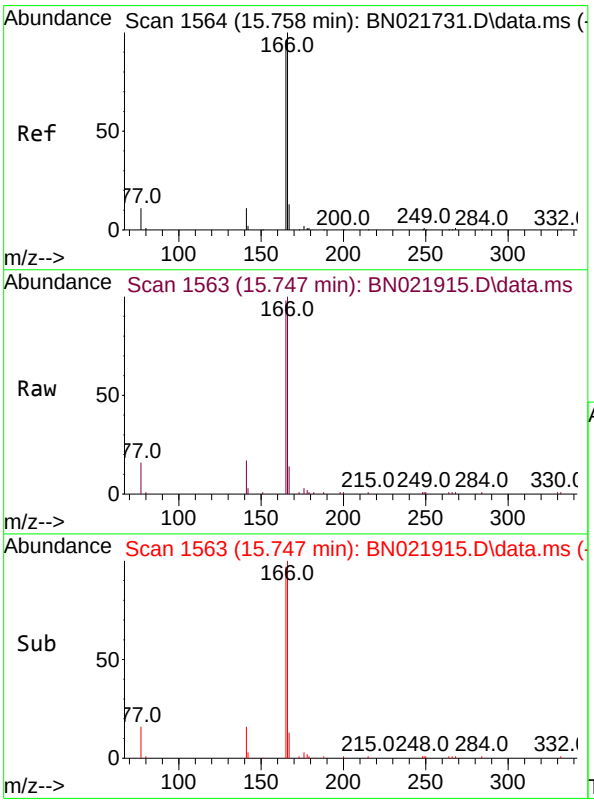
#17
Acenaphthene
Concen: 0.382 ng
RT: 14.761 min Scan# 14
Delta R.T. -0.011 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:154 Resp: 9775

Ion	Ratio	Lower	Upper
154	100		
153	114.4	91.0	136.4
152	57.6	46.0	69.0

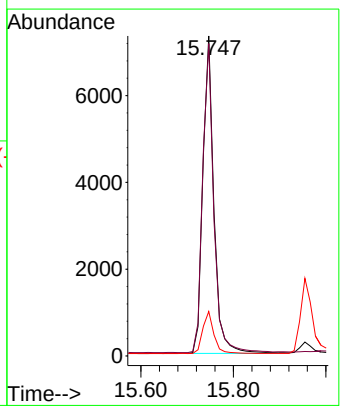


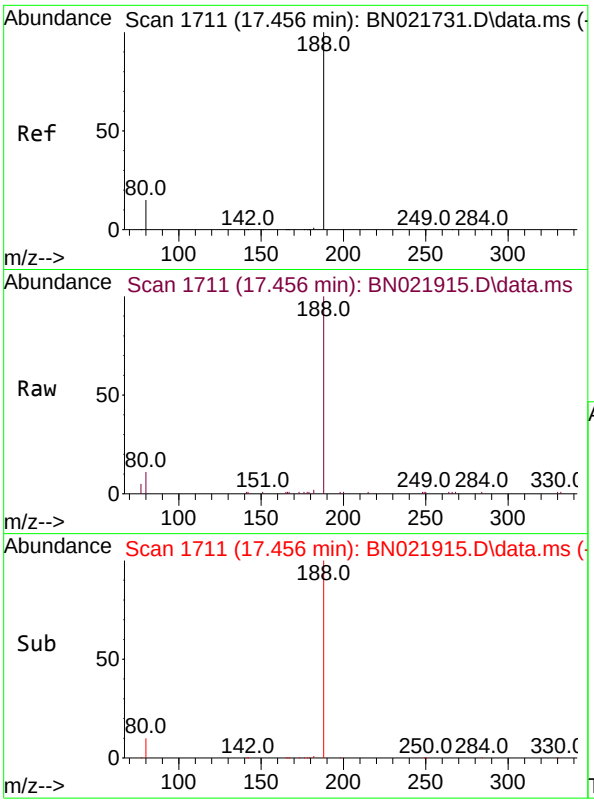


#18
Fluorene
Concen: 0.353 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:166 Resp: 12006

Ion	Ratio	Lower	Upper
166	100		
165	98.2	79.4	119.0
167	13.7	10.6	15.8



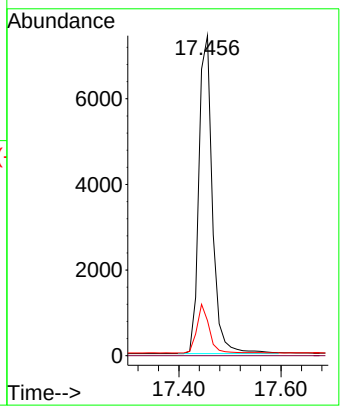


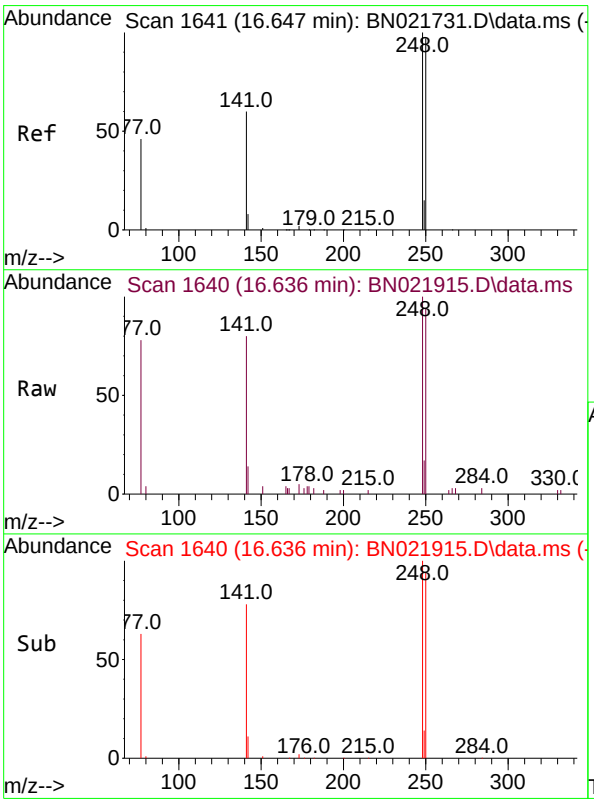
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:188 Resp: 13697

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	12.6	19.0#

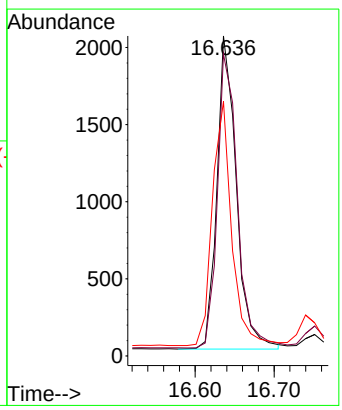


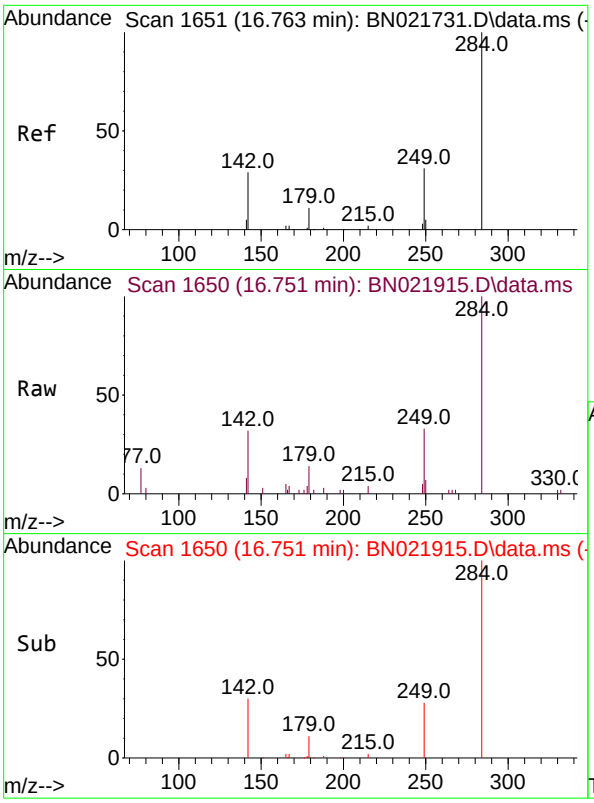


#21
4-Bromophenyl-phenylether
Concen: 0.411 ng
RT: 16.636 min Scan# 1640
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:248 Resp: 3471

Ion	Ratio	Lower	Upper
248	100		
250	94.4	77.8	116.8
141	79.6	49.0	73.4#



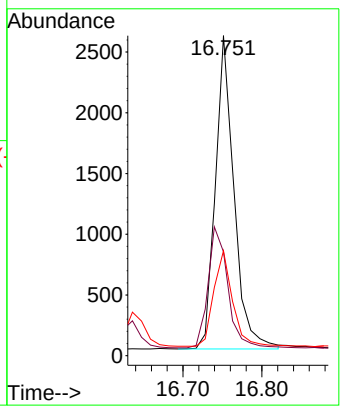


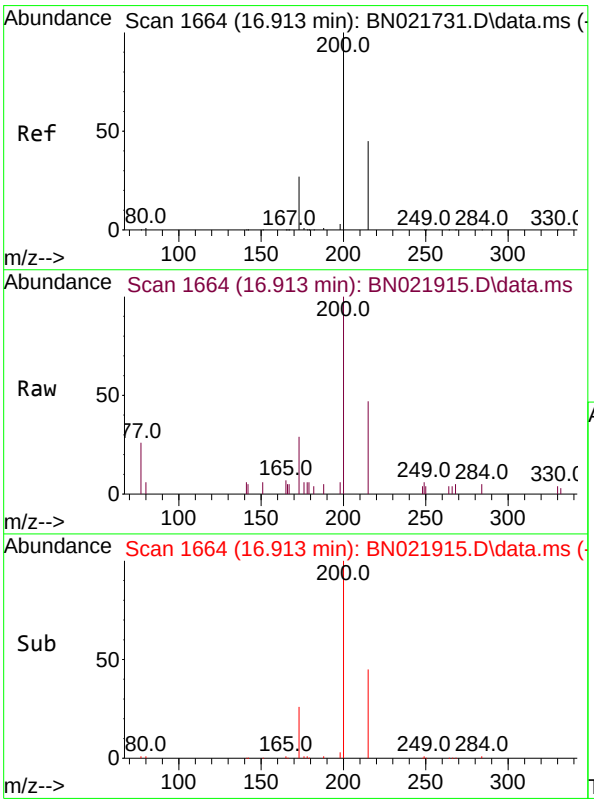
#22
Hexachlorobenzene
Concen: 0.446 ng
RT: 16.751 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:284 Resp: 4231

Ion	Ratio	Lower	Upper
284	100		
142	41.0	33.4	50.2
249	30.6	25.1	37.7

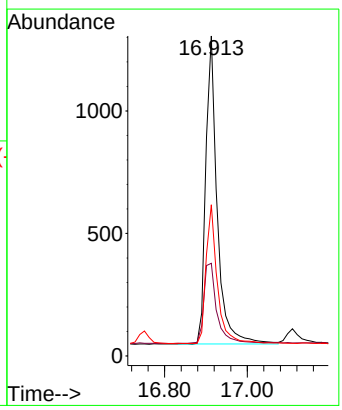


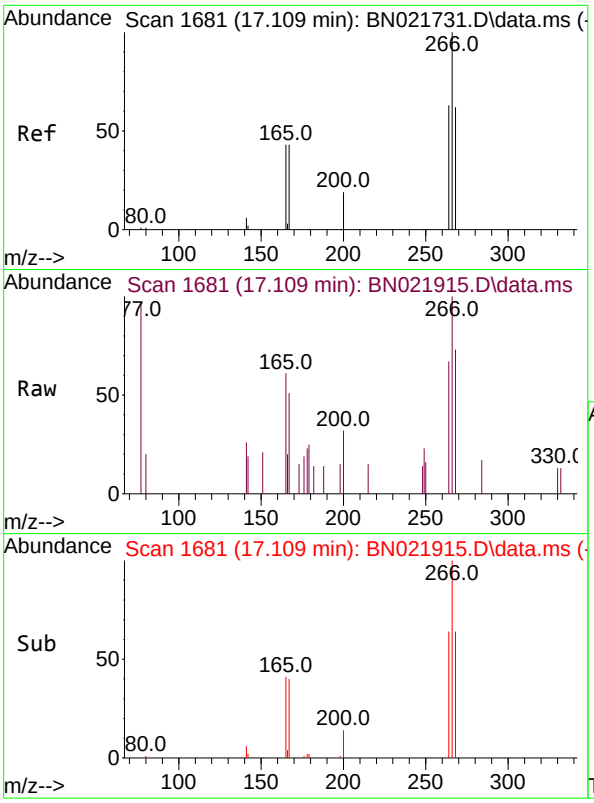


#23
Atrazine
Concen: 0.345 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:200 Resp: 2408

Ion	Ratio	Lower	Upper
200	100		
173	28.9	22.9	34.3
215	47.2	36.9	55.3



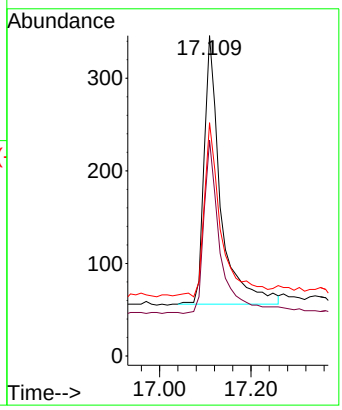


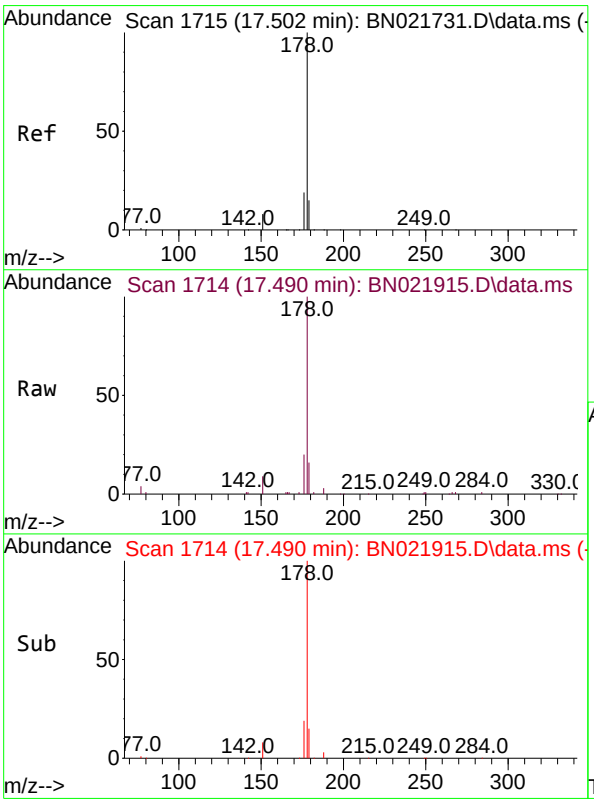
#24
Pentachlorophenol
Concen: 0.204 ng
RT: 17.109 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:266 Resp: 726

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.0	75.0
268	64.7	50.2	75.2

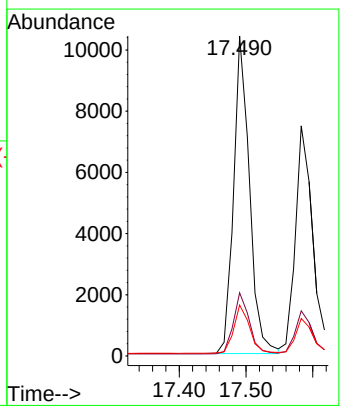


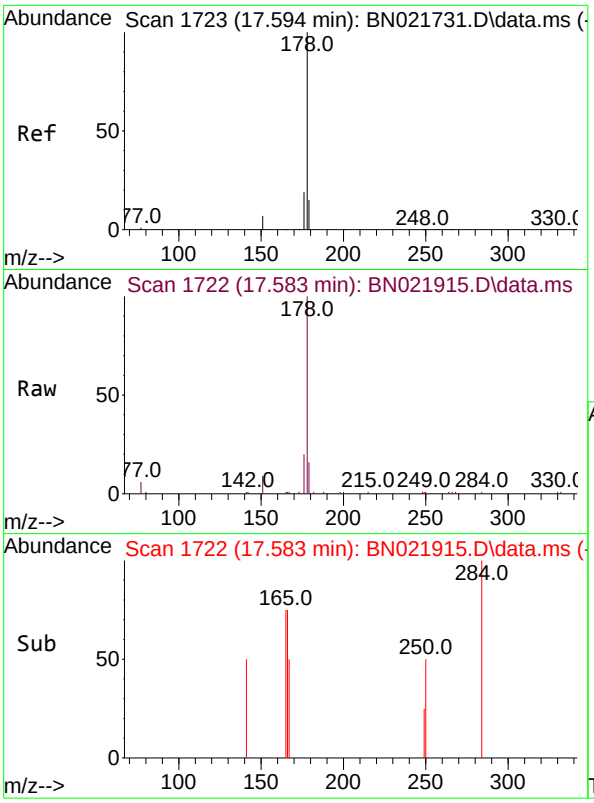


#25
Phenanthrene
Concen: 0.373 ng
RT: 17.490 min Scan# 1714
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:178 Resp: 17144

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



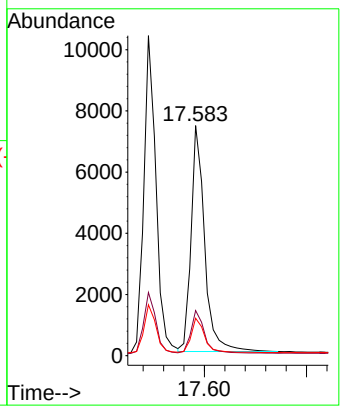


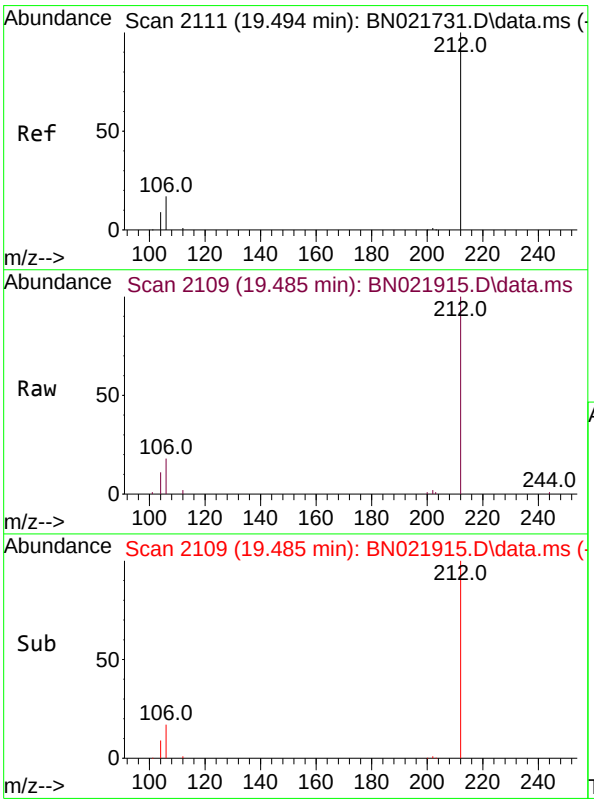
#26
Anthracene
Concen: 0.349 ng
RT: 17.583 min Scan# 1
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:178 Resp: 13585

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.0	22.6
179	14.9	12.2	18.2

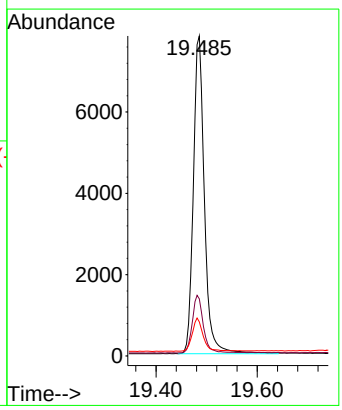


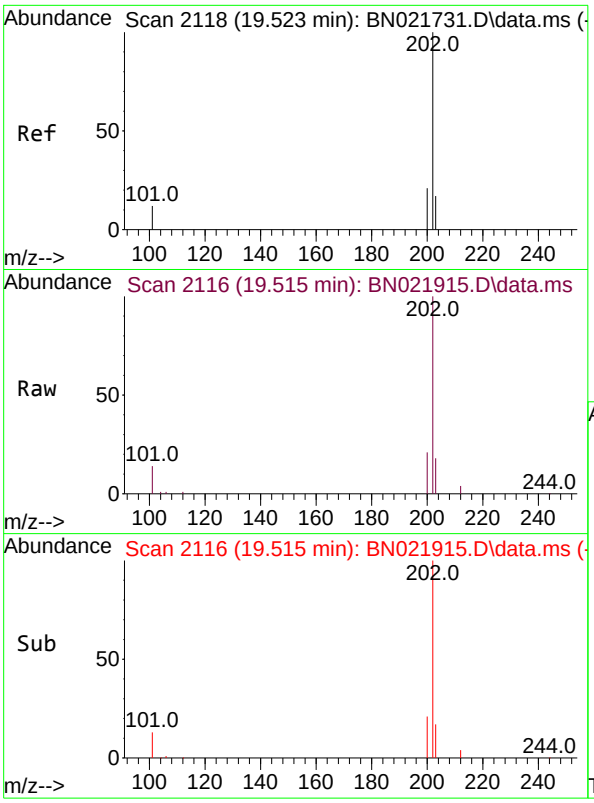


#27
Fluoranthene-d10
Concen: 0.322 ng
RT: 19.485 min Scan# 2109
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:212 Resp: 11873

Ion	Ratio	Lower	Upper
212	100		
106	18.1	14.3	21.5
104	10.2	8.0	12.0



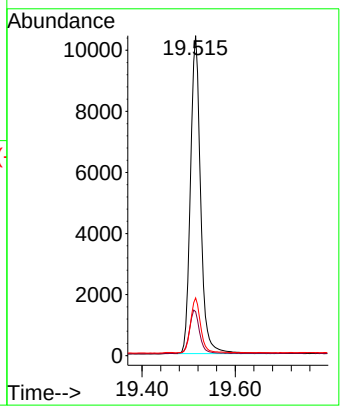


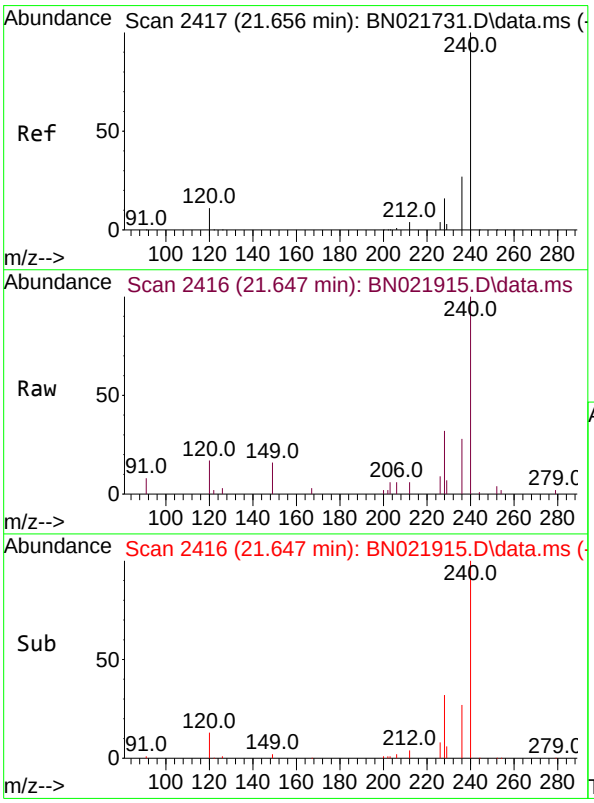
#28
Fluoranthene
Concen: 0.318 ng
RT: 19.515 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:202 Resp: 15748

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.0	16.4
203	16.9	13.7	20.5

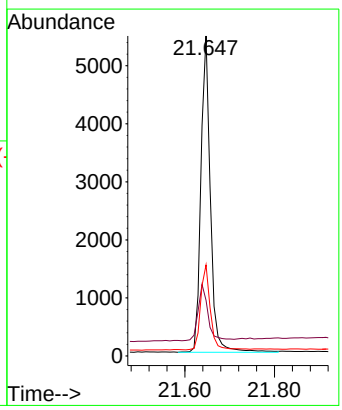


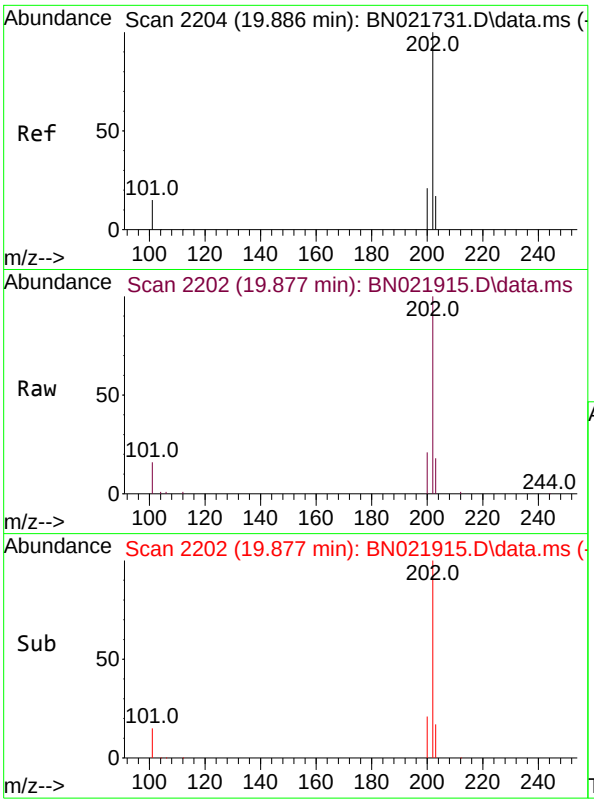


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:240 Resp: 8053

Ion	Ratio	Lower	Upper
240	100		
120	17.4	9.8	14.8#
236	28.5	22.2	33.4



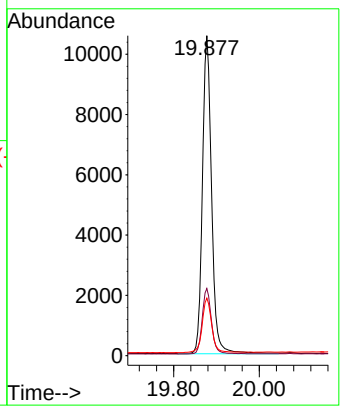


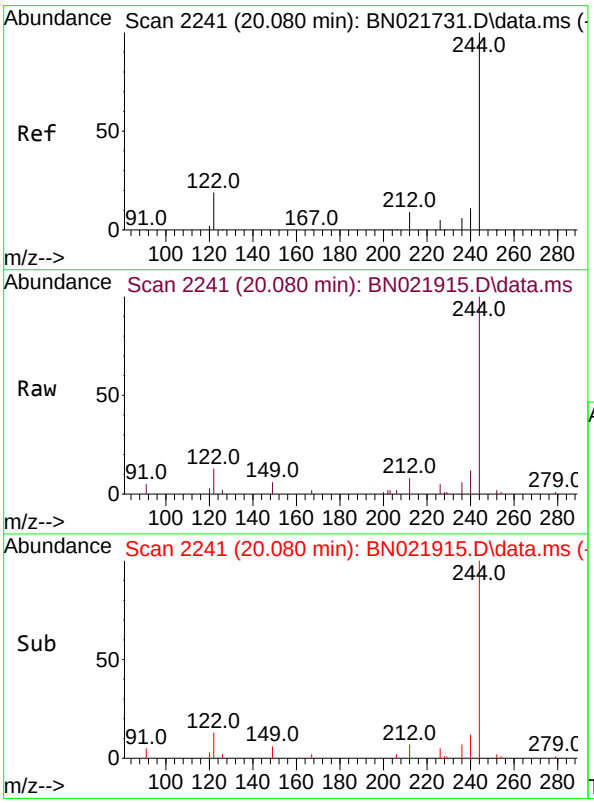
#30
Pyrene
Concen: 0.427 ng
RT: 19.877 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:202 Resp: 17062

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.0	22.4
203	16.5	12.8	19.2

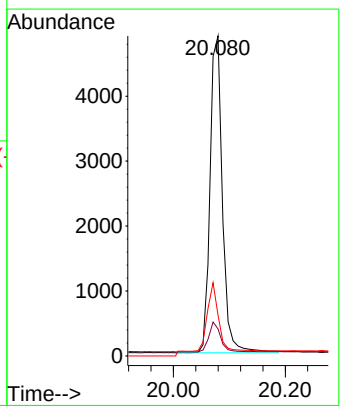


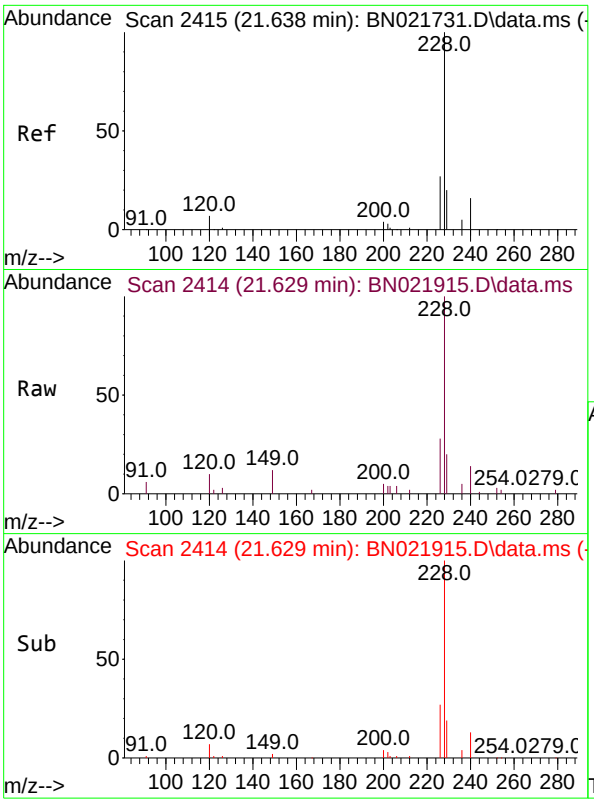


#31
Terphenyl-d14
Concen: 0.408 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:244 Resp: 7518

Ion	Ratio	Lower	Upper
244	100		
212	8.5	7.9	11.9
122	12.7	15.8	23.8#



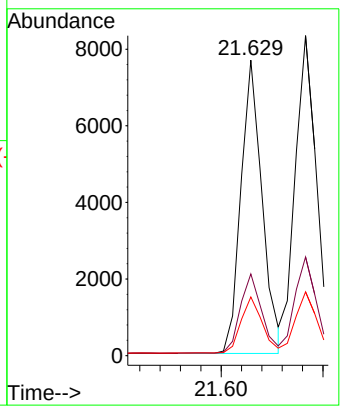


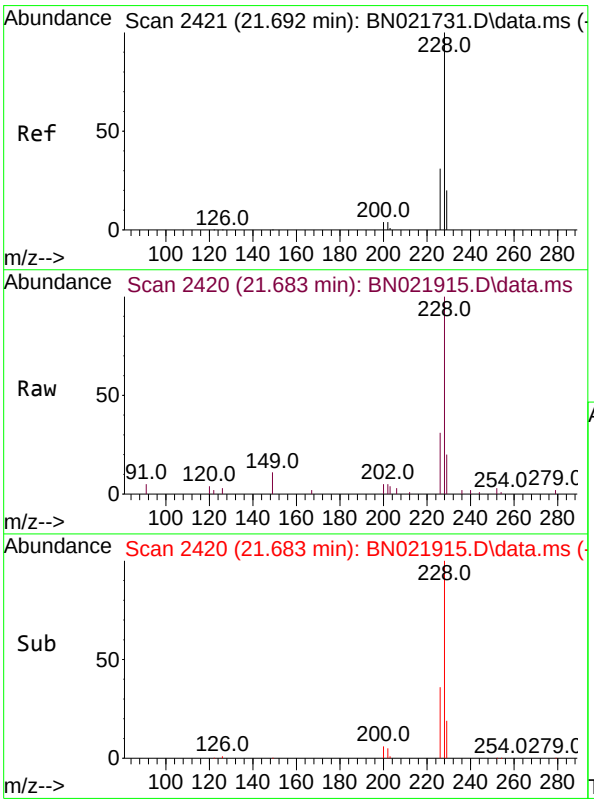
#32
Benzo(a)anthracene
Concen: 0.359 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:228 Resp: 11083

Ion	Ratio	Lower	Upper
228	100		
226	27.7	21.5	32.3
229	19.8	15.8	23.8

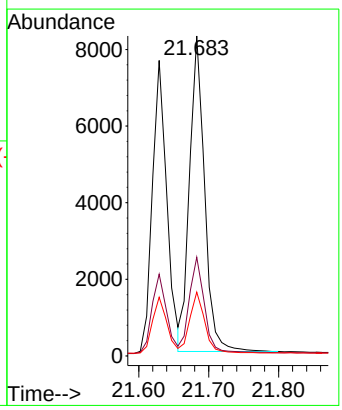


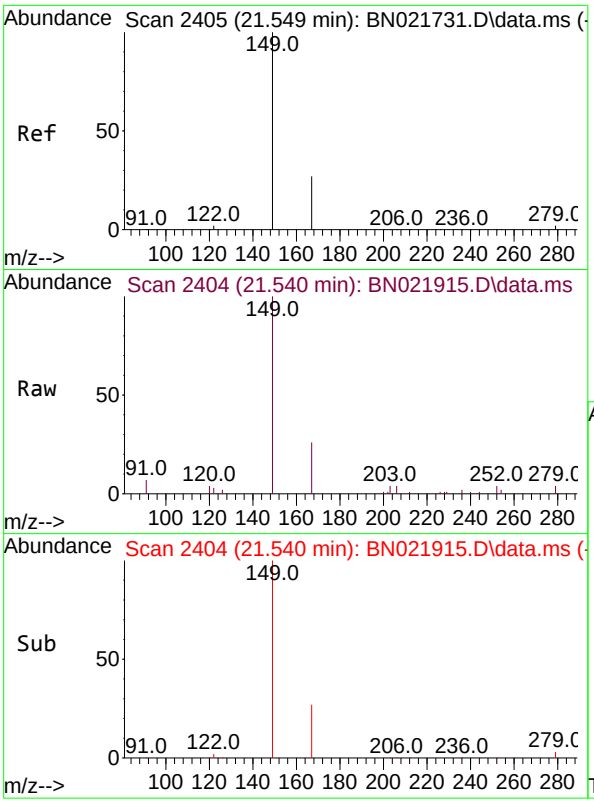


#33
Chrysene
Concen: 0.383 ng
RT: 21.683 min Scan# 2420
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:228 Resp: 12296

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	20.0	16.0	24.0



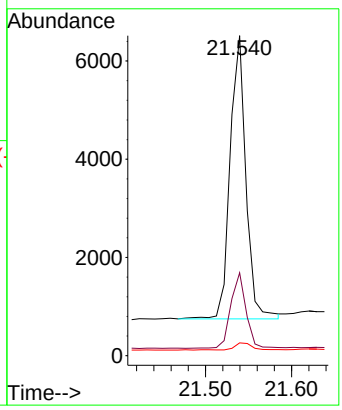


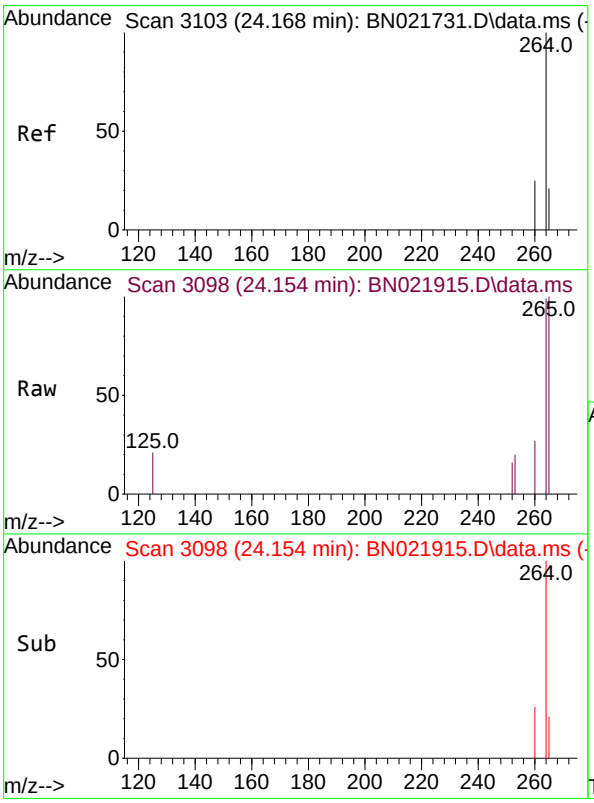
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.357 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:149 Resp: 7361

Ion	Ratio	Lower	Upper
149	100		
167	25.9	20.8	31.2
279	3.2	2.1	3.1#

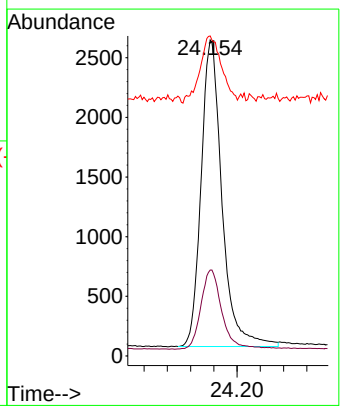


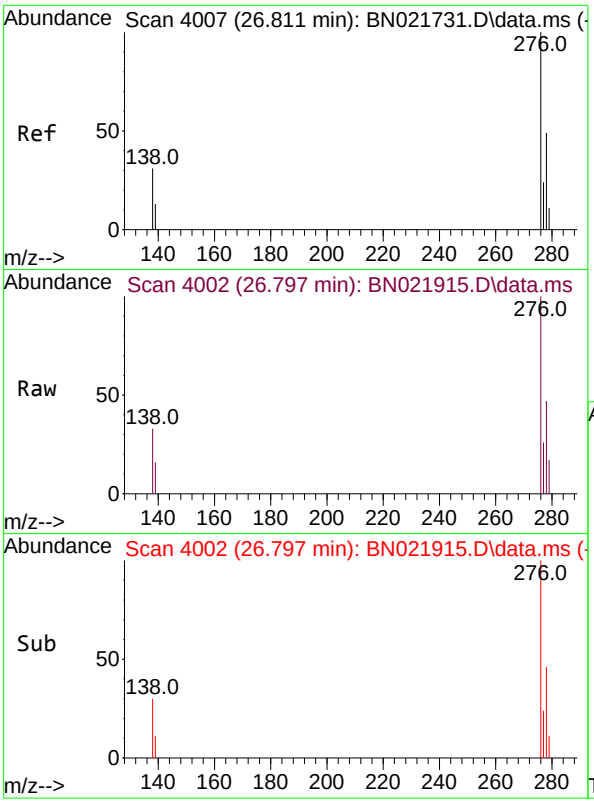


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.154 min Scan# 3098
Delta R.T. -0.015 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:264 Resp: 6399

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.6	31.0
265	101.3	34.4	51.6#



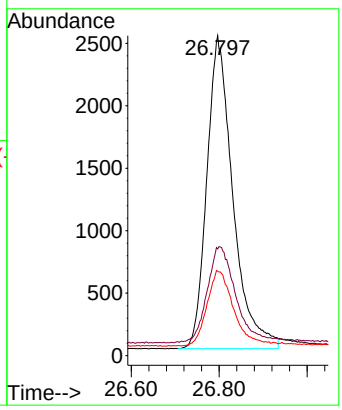


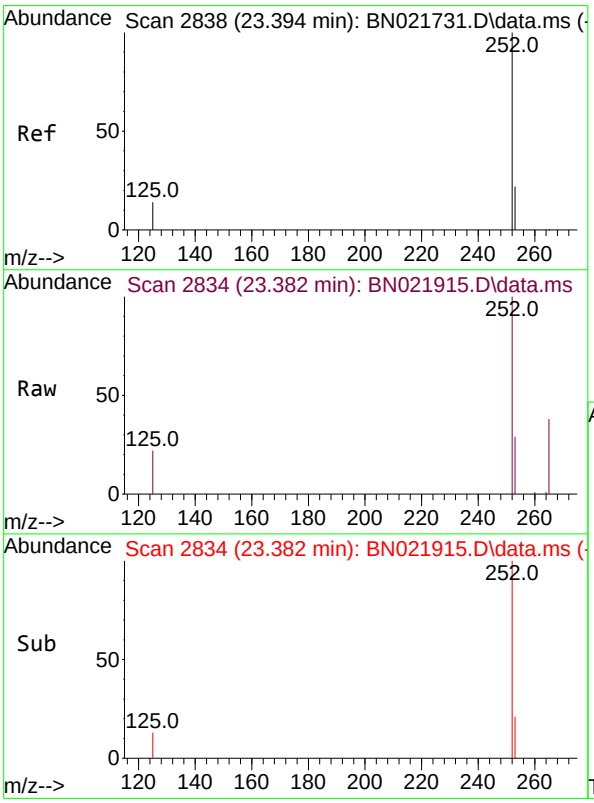
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.339 ng
RT: 26.797 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:276 Resp: 10297

Ion	Ratio	Lower	Upper
276	100		
138	33.1	27.4	41.0
277	24.3	19.8	29.6

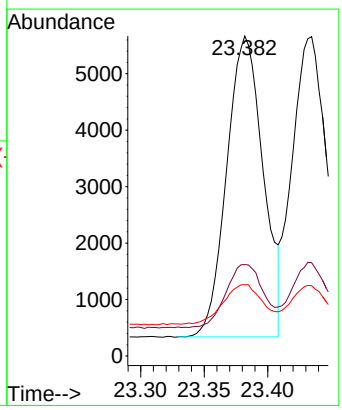


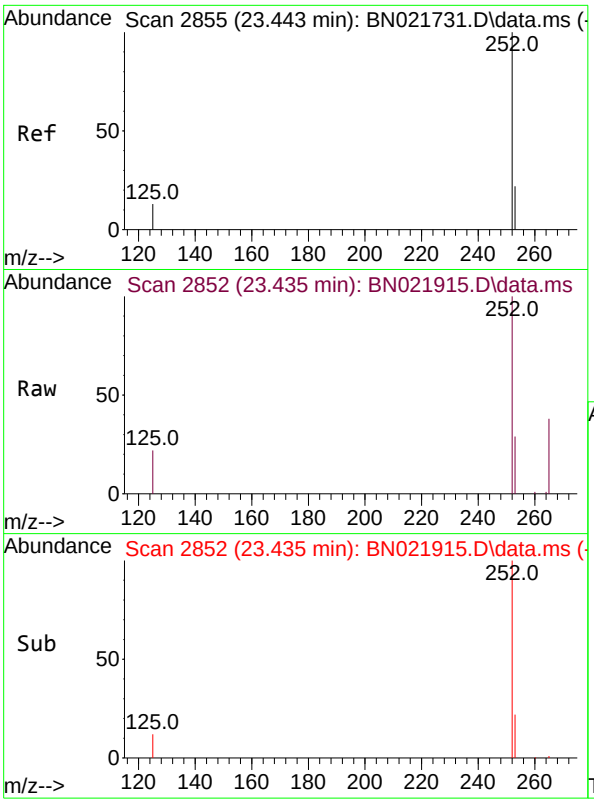


#37
Benzo(b)fluoranthene
Concen: 0.366 ng
RT: 23.382 min Scan# 2834
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:252 Resp: 10642

Ion	Ratio	Lower	Upper
252	100		
253	28.6	19.6	29.4
125	22.3	13.0	19.4#



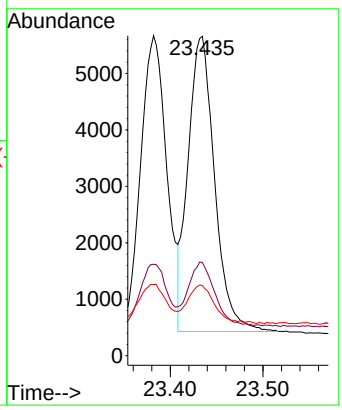


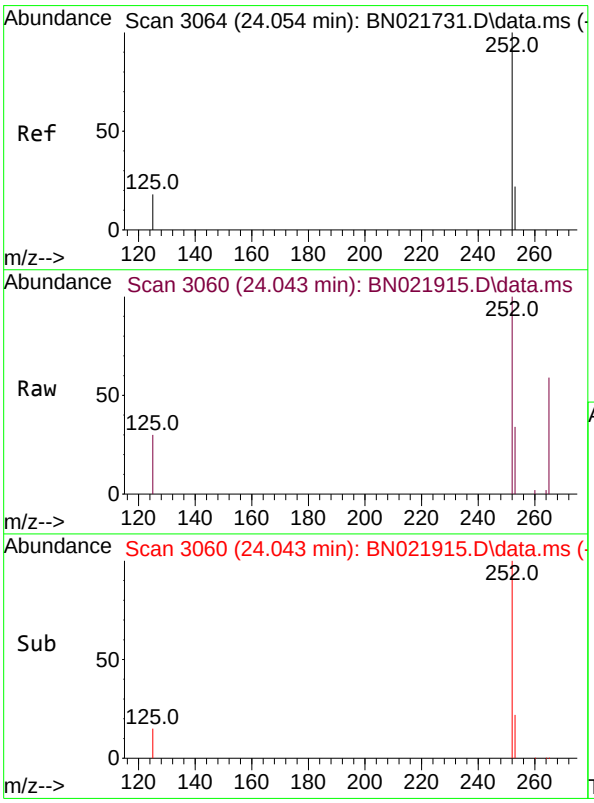
#38
Benzo(k)fluoranthene
Concen: 0.366 ng
RT: 23.435 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:252 Resp: 10411

Ion	Ratio	Lower	Upper
252	100		
253	29.2	19.4	29.2#
125	22.0	12.6	18.8#

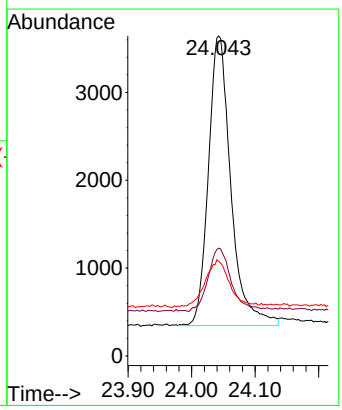


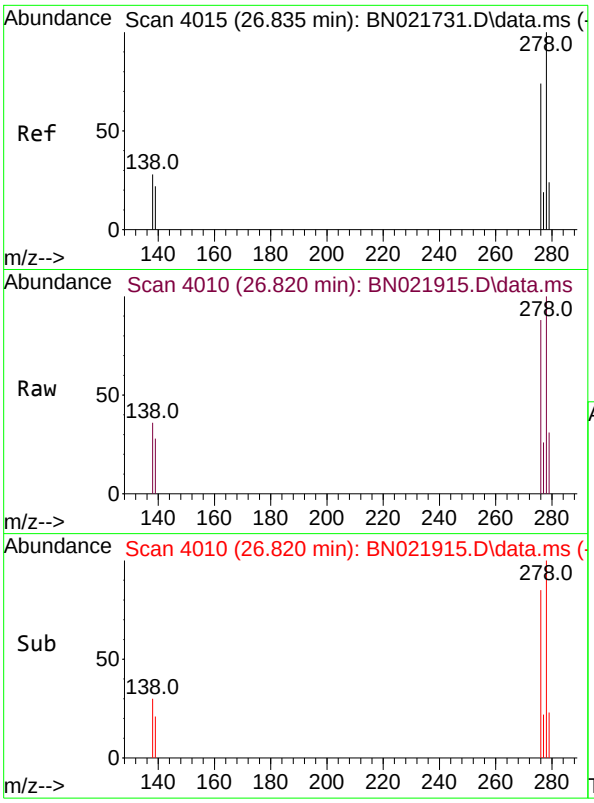


#39
Benzo(a)pyrene
Concen: 0.350 ng
RT: 24.043 min Scan# 3060
Delta R.T. -0.012 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:252 Resp: 8116

Ion	Ratio	Lower	Upper
252	100		
253	33.7	20.8	31.2#
125	29.6	17.4	26.0#



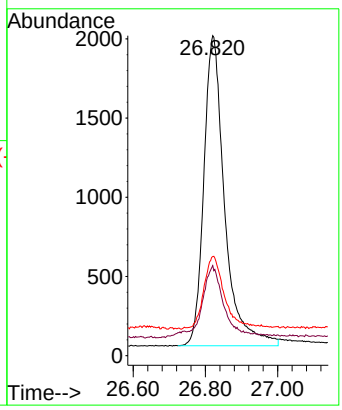


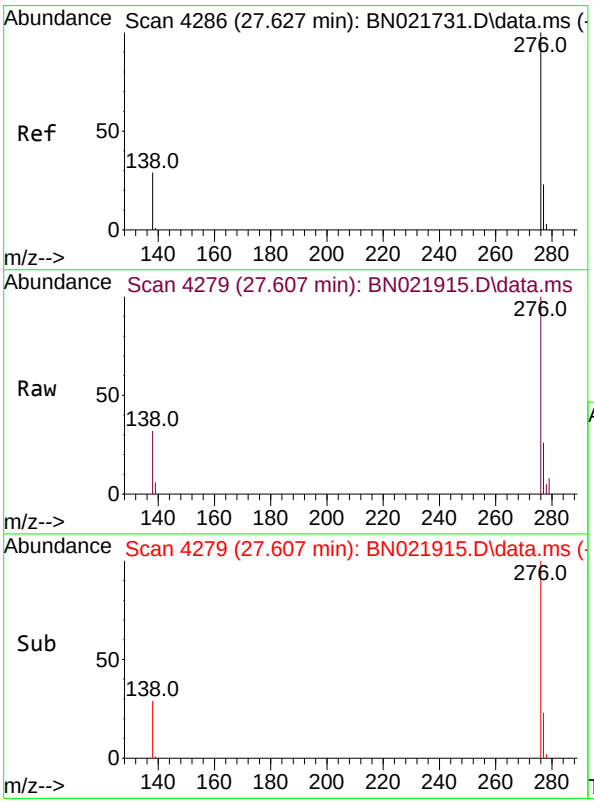
#40
Dibenzo(a,h)anthracene
Concen: 0.326 ng
RT: 26.820 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Instrument :
BNA_N
ClientSampleId :
PB147729BS

Tgt Ion:278 Resp: 7844

Ion	Ratio	Lower	Upper
278	100		
139	28.1	19.2	28.8
279	31.0	20.5	30.7#





#41
Benzo(g,h,i)perylene
Concen: 0.392 ng
RT: 27.607 min Scan# 4279
Delta R.T. -0.021 min
Lab File: BN021915.D
Acq: 26 Sep 2022 13:01

Tgt Ion:276 Resp: 9701

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.2	28.8
138	32.4	24.2	36.2