Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021774.D
Acq On : 15 Sep 2022 18:34
Operator : CG/JU
Sample : PB147668BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Quant Time: Sep 16 06:25:48 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	4113	0.400	ng		0.00
7) Naphthalene-d8	10.887	136	13320	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	8061	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	17614	0.400	ng		0.00
29) Chrysene-d12	21.647	240	13077	0.400	ng		# 0.00
35) Perylene-d12	24.160	264	10096	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	4306	0.400	ng		0.00
5) Phenol-d6	7.209	99	5526	0.405	ng		0.00
8) Nitrobenzene-d5	9.233	82	4139	0.376	ng		0.00
11) 2-Methylnaphthalene-d10	12.475	152	12038	0.358	ng		0.00
14) 2,4,6-Tribromophenol	16.209	330	1253	0.340	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	12666	0.385	ng		0.00
27) Fluoranthene-d10	19.490	212	17220	0.363	ng		0.00
31) Terphenyl-d14	20.080	244	11876	0.397	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	2086	0.393	ng		97
3) n-Nitrosodimethylamine	3.735	42	2109	0.391	ng		93
6) bis(2-Chloroethyl)ether	7.469	93	5175	0.382	ng		99
9) Naphthalene	10.930	128	14974	0.381	ng		99
10) Hexachlorobutadiene	11.218	225	2554	0.389	ng	#	98
12) 2-Methylnaphthalene	12.176	142	3115	0.369	ng	#	96
16) Acenaphthylene	14.429	152	13786	0.358	ng		100
17) Acenaphthene	14.771	154	9895	0.376	ng		99
18) Fluorene	15.747	166	12958	0.371	ng		100
21) 4-Bromophenyl-phenylether	16.647	248	4025	0.371	ng		93
22) Hexachlorobenzene	16.763	284	4757	0.390	ng		99
23) Atrazine	16.913	200	3012	0.336	ng		99
24) Pentachlorophenol	17.109	266	1044	0.228	ng		98
25) Phenanthrene	17.502	178	22158	0.375	ng		100
26) Anthracene	17.594	178	17653	0.353	ng		100
28) Fluoranthene	19.519	202	23131	0.363	ng		100
30) Pyrene	19.882	202	25260	0.389	ng		99
32) Benzo(a)anthracene	21.629	228	18672	0.372	ng		98
33) Chrysene	21.692	228	19922	0.382	ng		99
34) Bis(2-ethylhexyl)phtha...	21.540	149	11358	0.339	ng		99
36) Indeno(1,2,3-cd)pyrene	26.800	276	17465	0.364	ng		100
37) Benzo(b)fluoranthene	23.388	252	17838	0.389	ng		97
38) Benzo(k)fluoranthene	23.437	252	17005	0.379	ng		96
39) Benzo(a)pyrene	24.046	252	13653	0.374	ng	#	93
40) Dibenzo(a,h)anthracene	26.820	278	13637	0.359	ng		97
41) Benzo(g,h,i)perylene	27.615	276	14250	0.365	ng		99

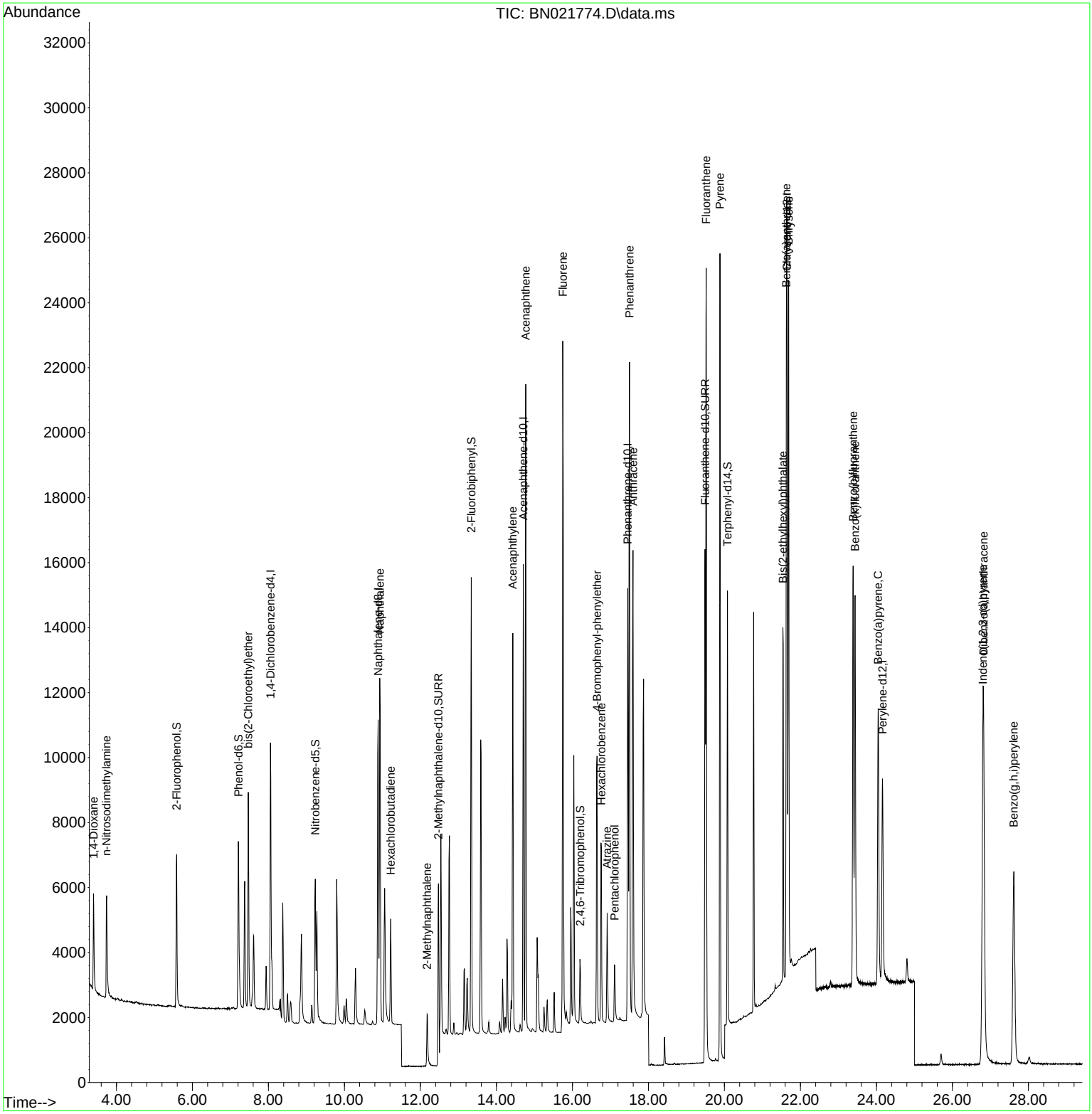
(#) = qualifier out of range (m) = manual integration (+) = signals summed

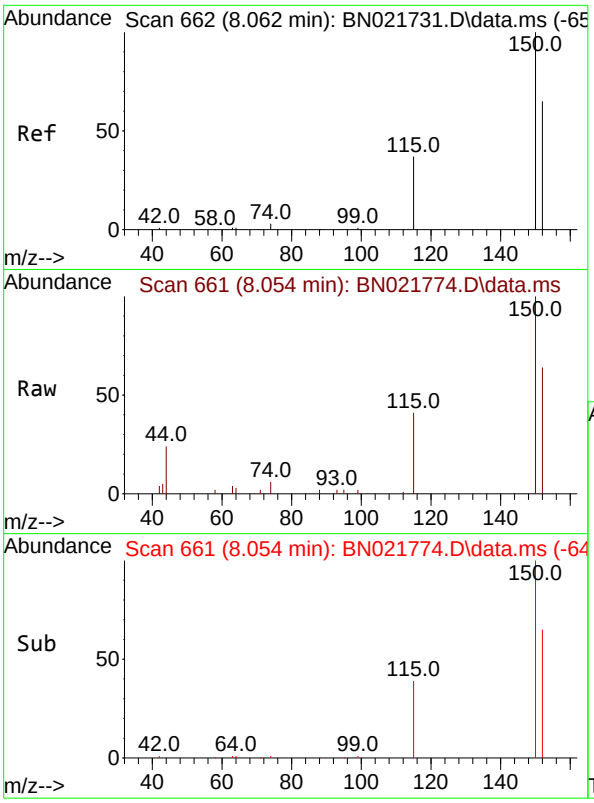
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091522\
Data File : BN021774.D
Acq On : 15 Sep 2022 18:34
Operator : CG/JU
Sample : PB147668BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Quant Time: Sep 16 06:25:48 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



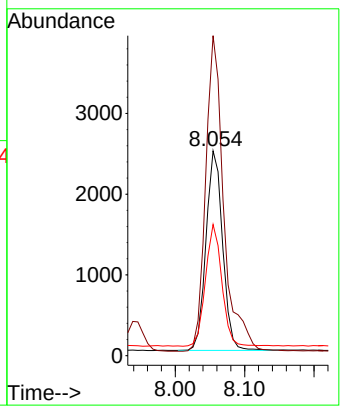


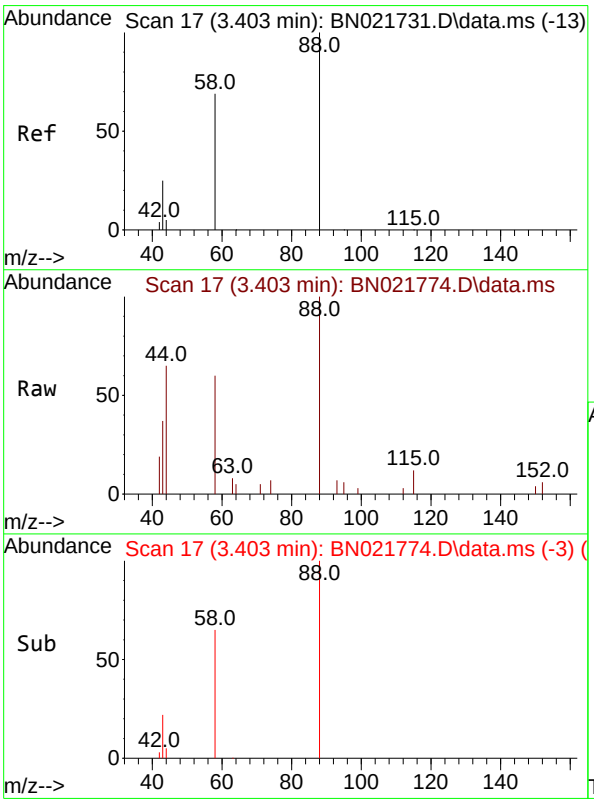
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.054 min Scan# 6
Delta R.T. -0.008 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:152 Resp: 4113

Ion	Ratio	Lower	Upper
152	100		
150	156.3	121.8	182.8
115	64.1	48.3	72.5

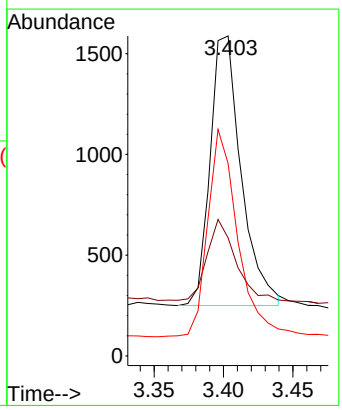


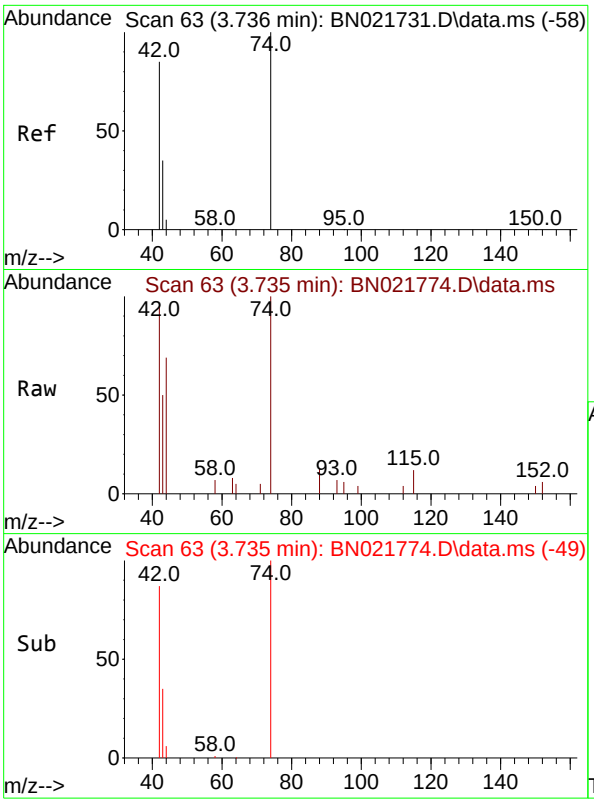


#2
1,4-Dioxane
Concen: 0.393 ng
RT: 3.403 min Scan# 17
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion: 88 Resp: 2086

Ion	Ratio	Lower	Upper
88	100		
43	27.2	24.2	36.2
58	73.4	60.2	90.4



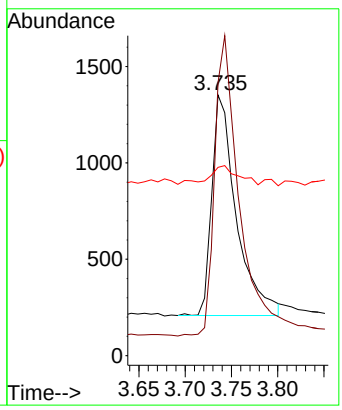


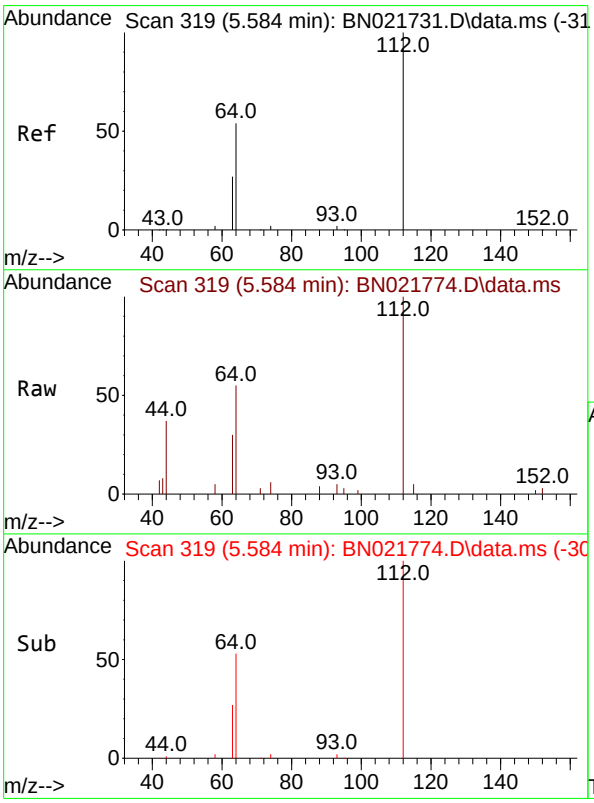
#3
n-Nitrosodimethylamine
Concen: 0.391 ng
RT: 3.735 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion: 42 Resp: 2109

Ion	Ratio	Lower	Upper
42	100		
74	135.8	116.3	174.5
44	10.2	9.0	13.4

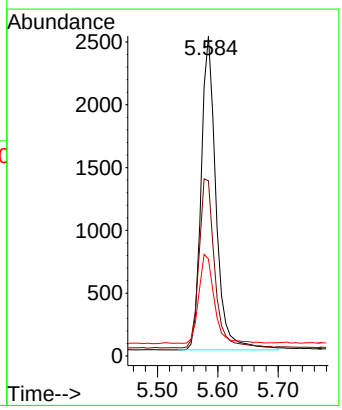


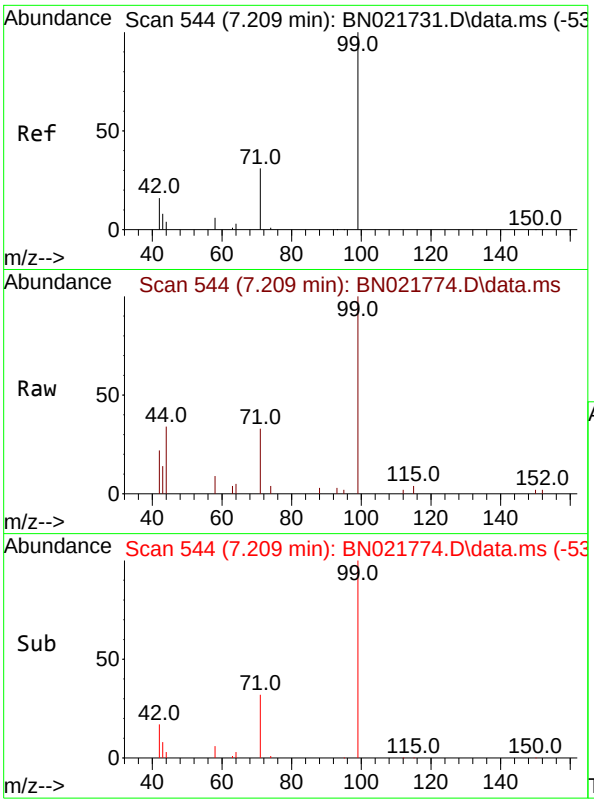


#4
2-Fluorophenol
Concen: 0.400 ng
RT: 5.584 min Scan# 319
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:112 Resp: 4306

Ion	Ratio	Lower	Upper
112	100		
64	56.5	45.4	68.2
63	29.3	23.3	34.9



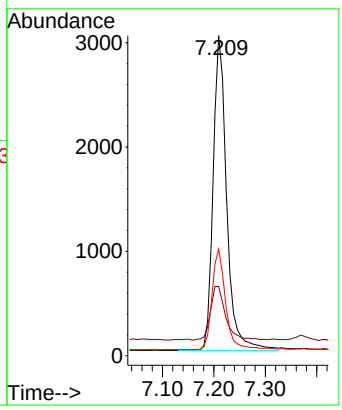


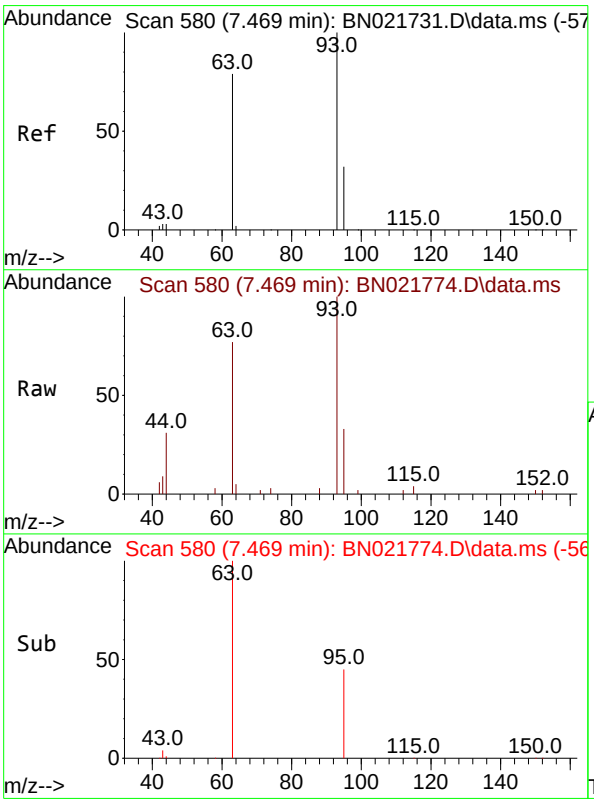
#5
Phenol-d6
Concen: 0.405 ng
RT: 7.209 min Scan# 54
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion: 99 Resp: 5526

Ion	Ratio	Lower	Upper
99	100		
42	19.2	15.1	22.7
71	32.0	25.3	37.9

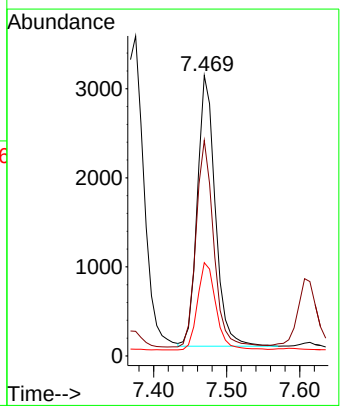


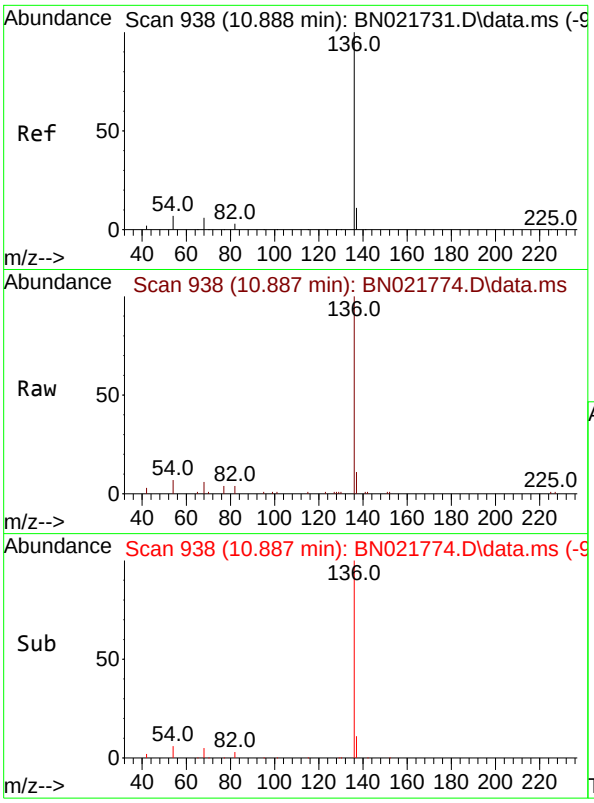


#6
bis(2-Chloroethyl)ether
Concen: 0.382 ng
RT: 7.469 min Scan# 580
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion: 93 Resp: 5175

Ion	Ratio	Lower	Upper
93	100		
63	75.7	60.0	90.0
95	33.2	26.2	39.4



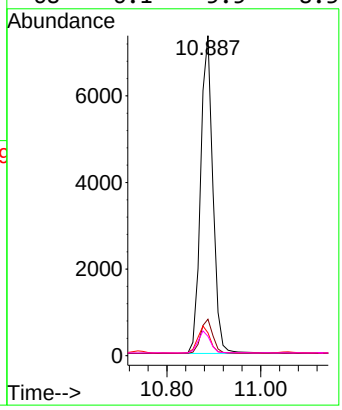


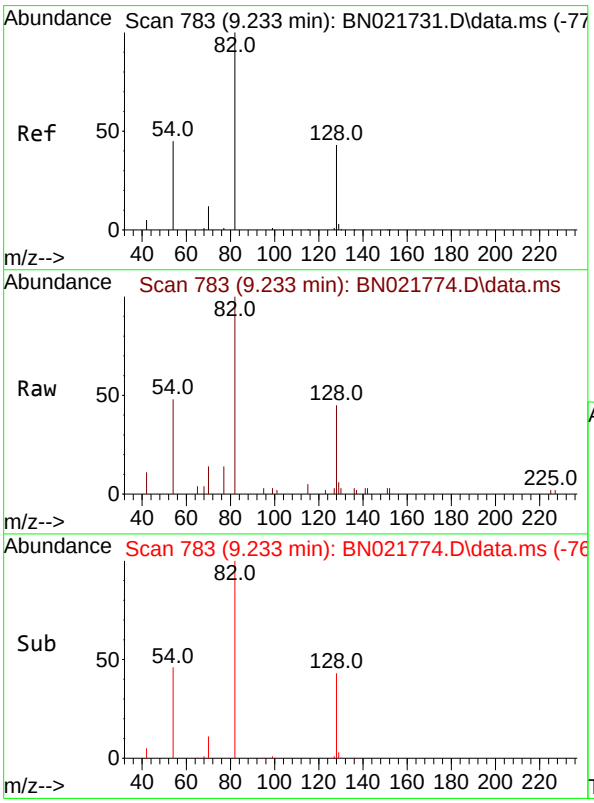
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.887 min Scan# 9
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:136 Resp: 13320

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.1	13.7
54	7.1	6.4	9.6
68	6.1	5.5	8.3

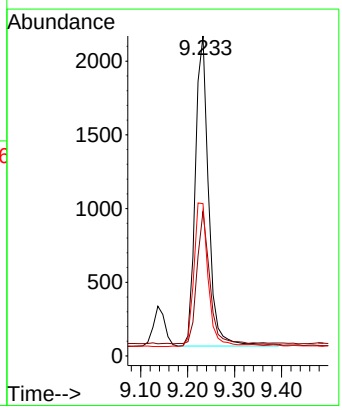


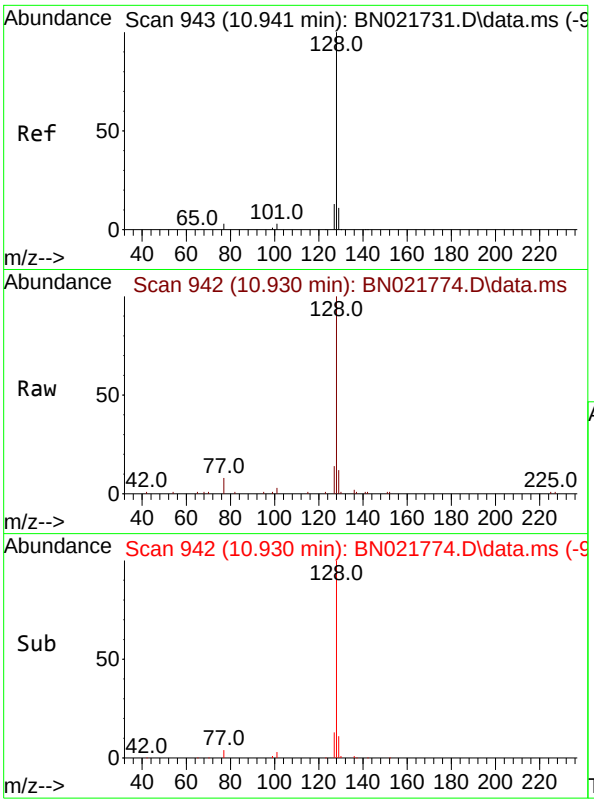


#8
Nitrobenzene-d5
Concen: 0.376 ng
RT: 9.233 min Scan# 783
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion: 82 Resp: 4139

Ion	Ratio	Lower	Upper
82	100		
128	45.2	35.6	53.4
54	47.6	37.8	56.8



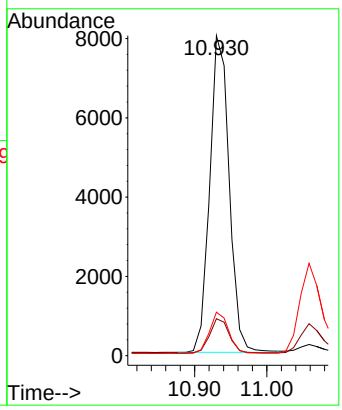


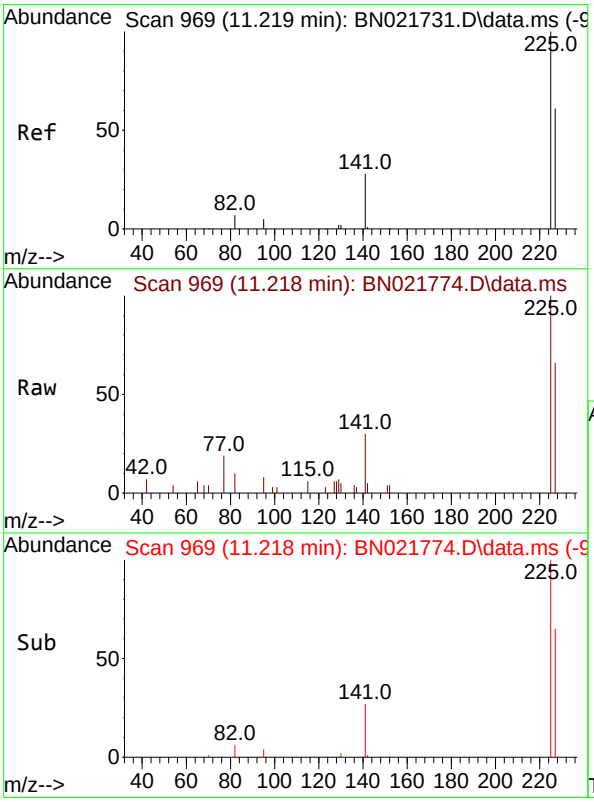
#9
Naphthalene
Concen: 0.381 ng
RT: 10.930 min Scan# 94
Delta R.T. -0.011 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:128 Resp: 14974

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.6	10.5	15.7

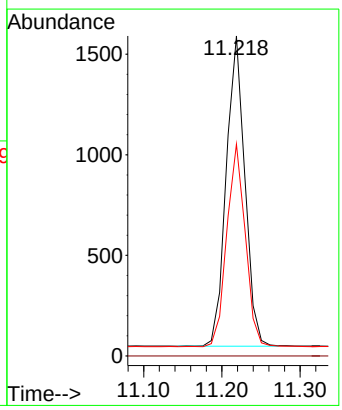


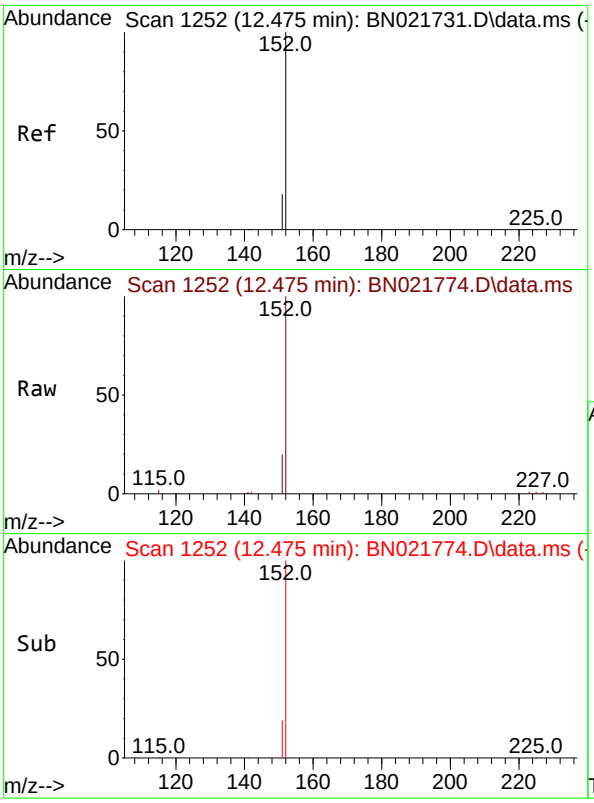


#10
Hexachlorobutadiene
Concen: 0.389 ng
RT: 11.218 min Scan# 969
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:225 Resp: 2554

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.9	50.4	75.6



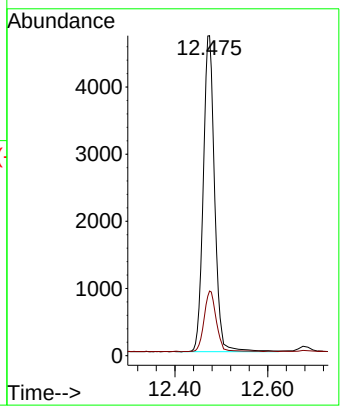


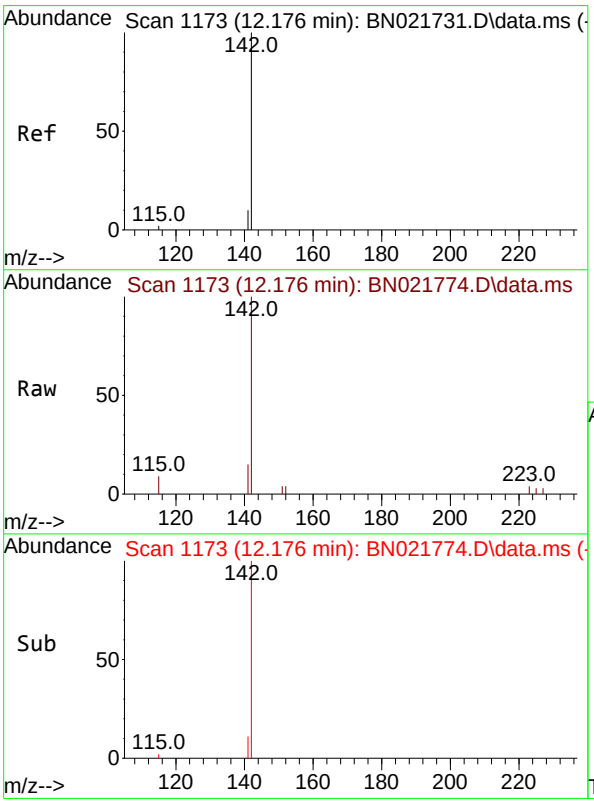
#11
2-Methylnaphthalene-d10
Concen: 0.358 ng
RT: 12.475 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:152 Resp: 12038

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.6	23.4

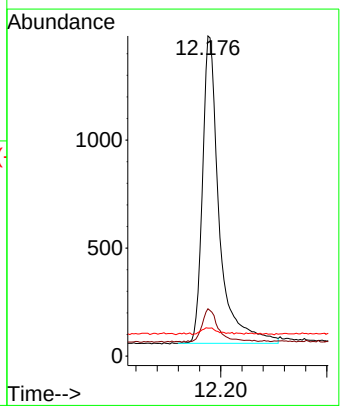


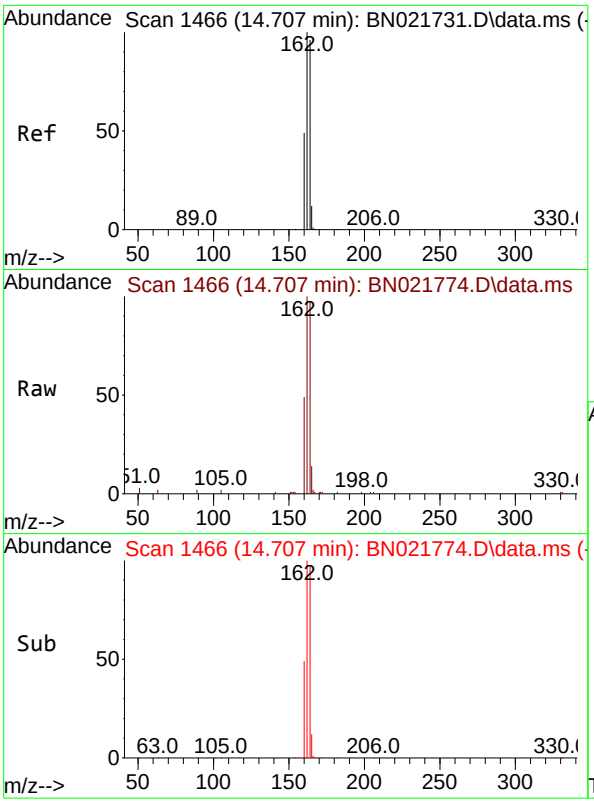


#12
2-Methylnaphthalene
Concen: 0.369 ng
RT: 12.176 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:142 Resp: 3115

Ion	Ratio	Lower	Upper
142	100		
141	14.8	10.6	16.0
115	8.7	5.6	8.4#



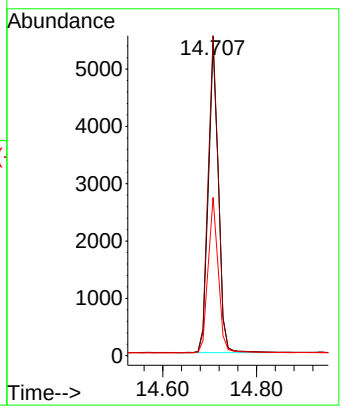


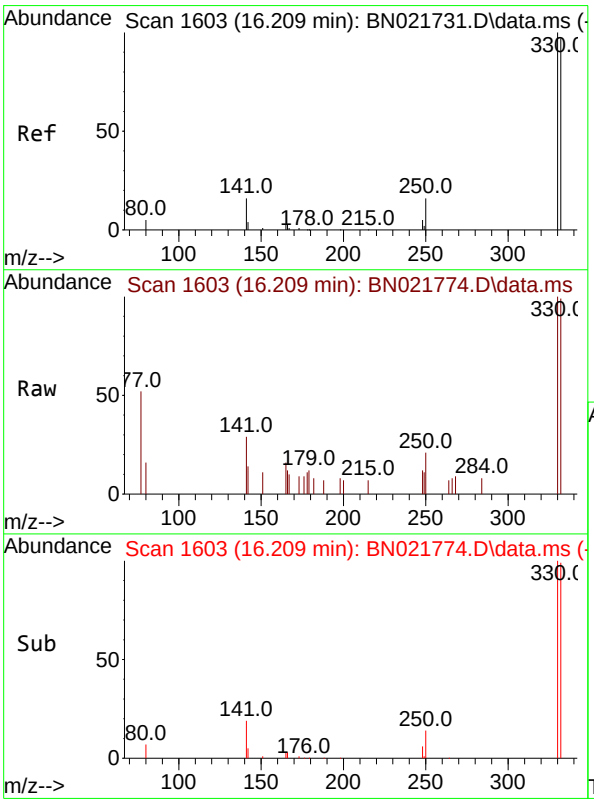
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:164 Resp: 8061

Ion	Ratio	Lower	Upper
164	100		
162	102.7	83.2	124.8
160	50.8	40.9	61.3

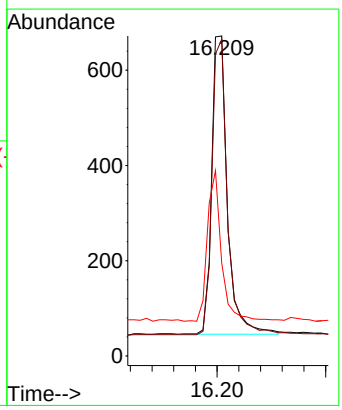


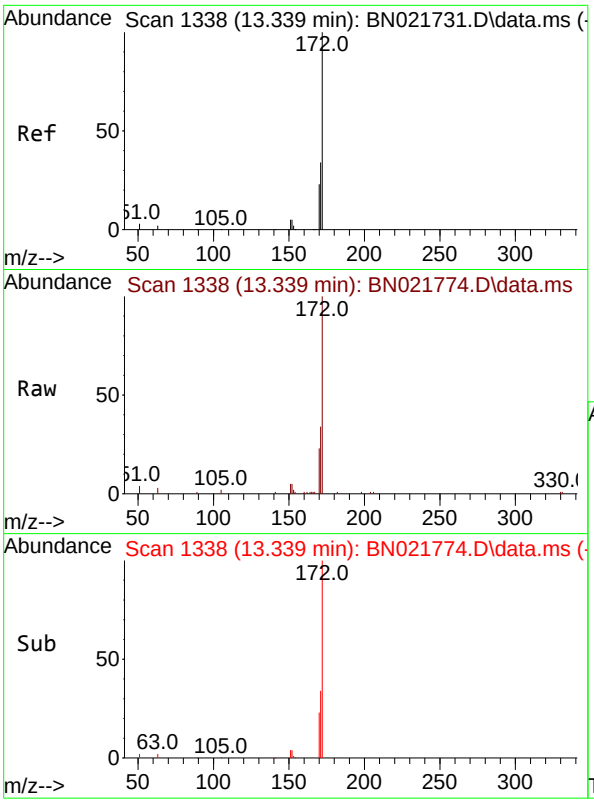


#14
2,4,6-Tribromophenol
Concen: 0.340 ng
RT: 16.209 min Scan# 1603
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:330 Resp: 1253

Ion	Ratio	Lower	Upper
330	100		
332	97.1	76.8	115.2
141	45.4	37.2	55.8



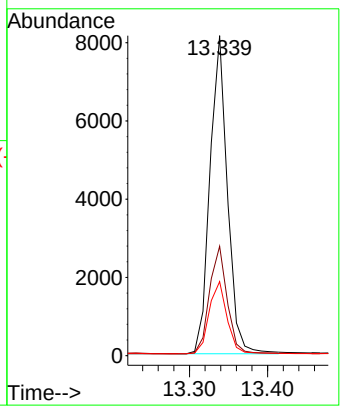


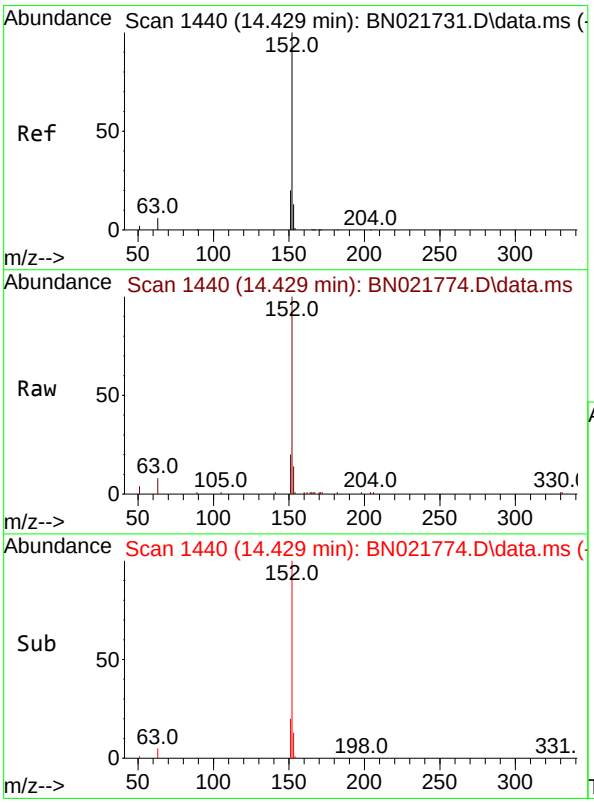
#15
2-Fluorobiphenyl
Concen: 0.385 ng
RT: 13.339 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:172 Resp: 12666

Ion	Ratio	Lower	Upper
172	100		
171	34.2	27.7	41.5
170	23.1	18.8	28.2

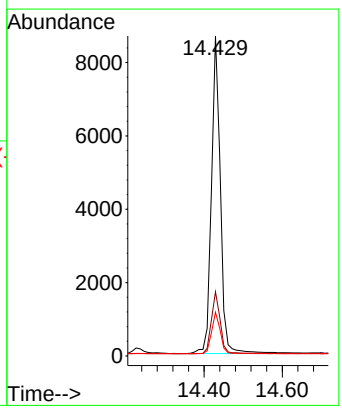


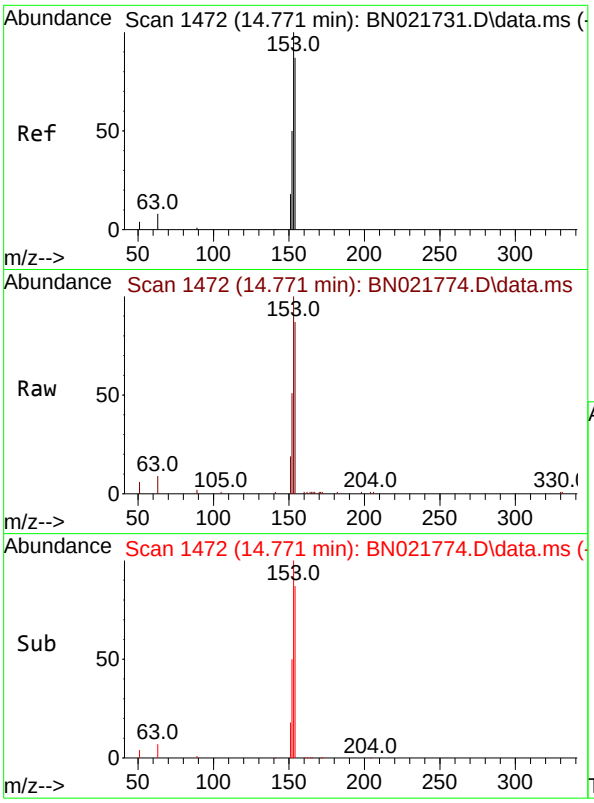


#16
Acenaphthylene
Concen: 0.358 ng
RT: 14.429 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:152 Resp: 13786

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



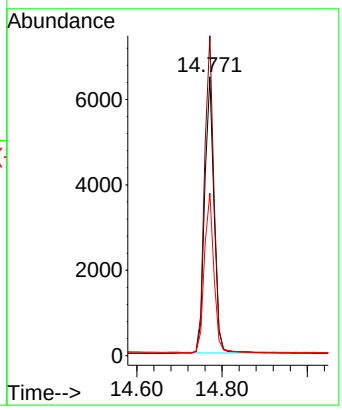


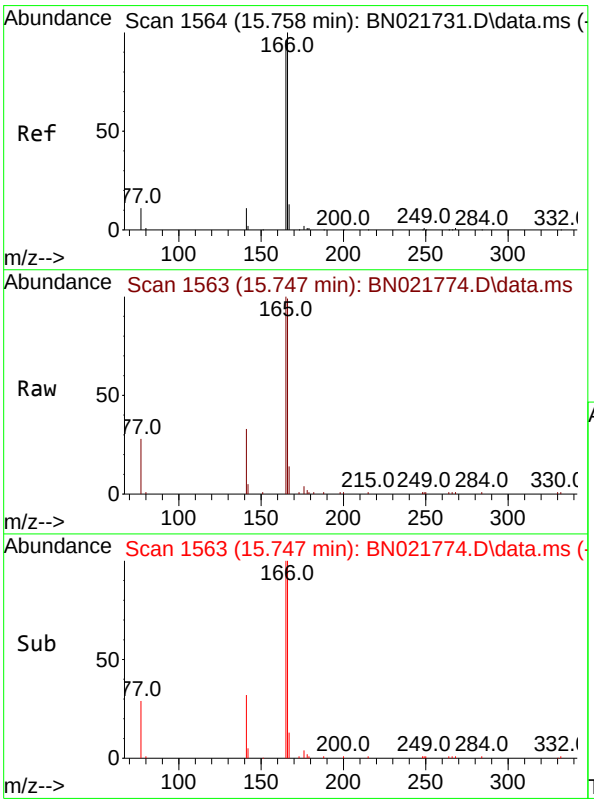
#17
Acenaphthene
Concen: 0.376 ng
RT: 14.771 min Scan# 14
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:154 Resp: 9895

Ion	Ratio	Lower	Upper
154	100		
153	114.6	91.0	136.4
152	58.6	46.0	69.0

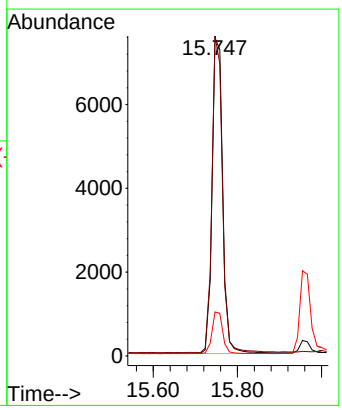


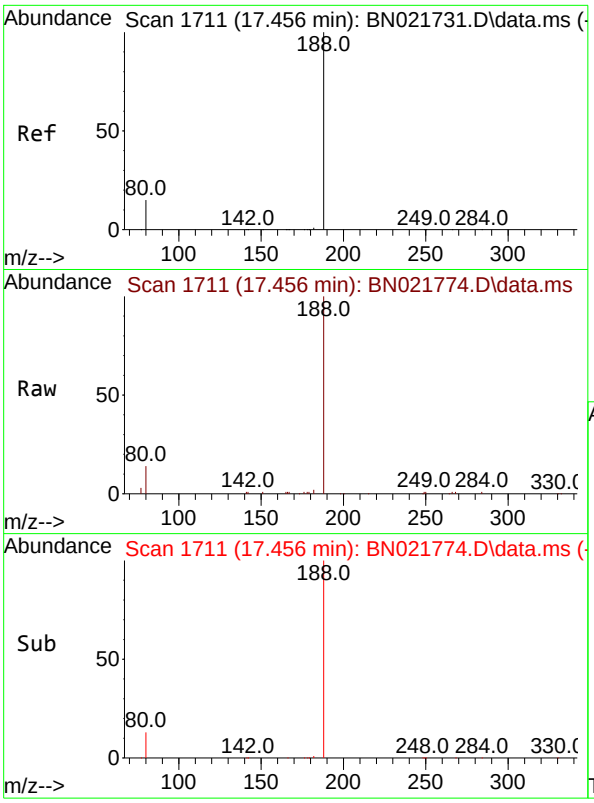


#18
Fluorene
Concen: 0.371 ng
RT: 15.747 min Scan# 1563
Delta R.T. -0.012 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:166 Resp: 12958

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.4	119.0
167	13.6	10.6	15.8



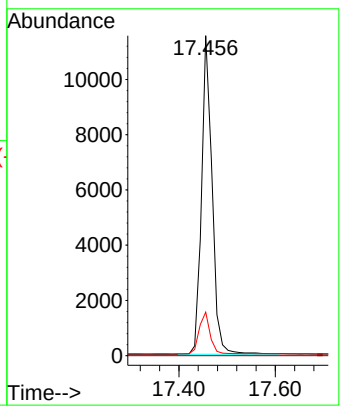


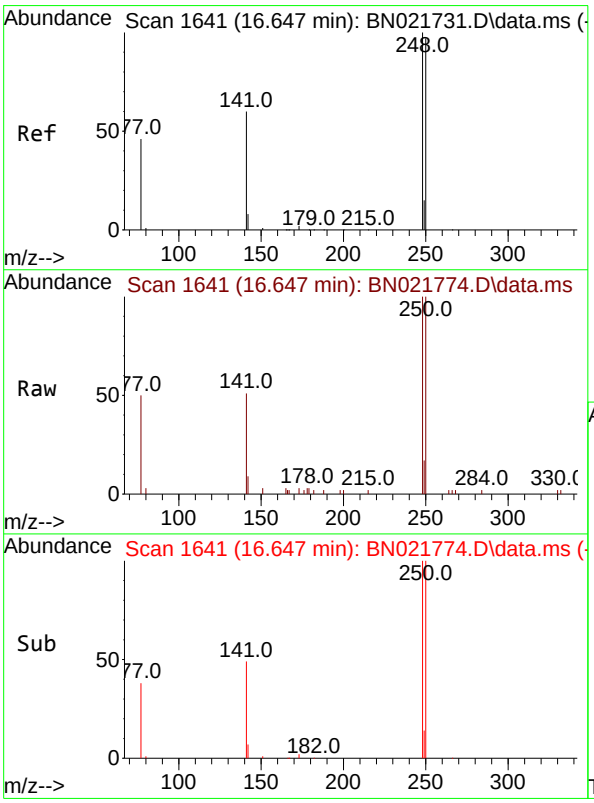
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:188 Resp: 17614

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

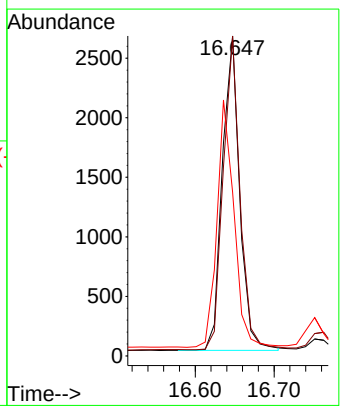


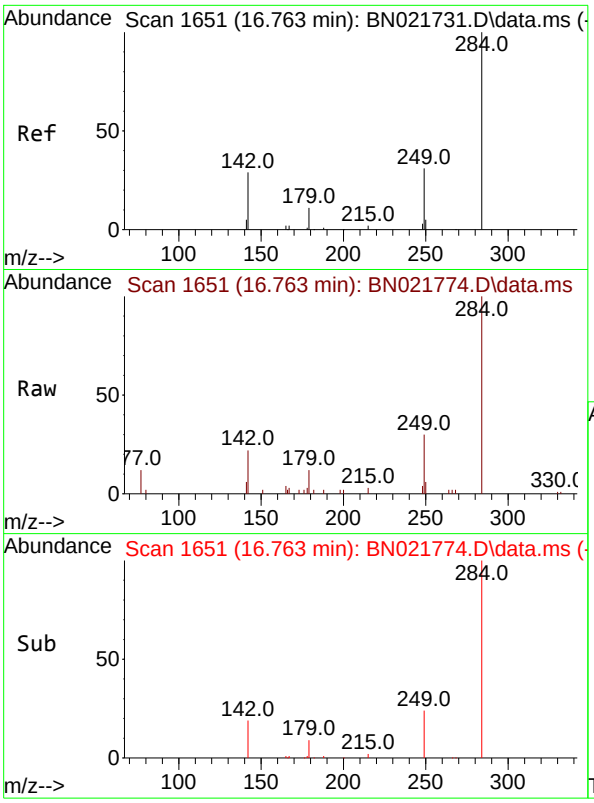


#21
4-Bromophenyl-phenylether
Concen: 0.371 ng
RT: 16.647 min Scan# 1641
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:248 Resp: 4025

Ion	Ratio	Lower	Upper
248	100		
250	99.9	77.8	116.8
141	51.2	49.0	73.4



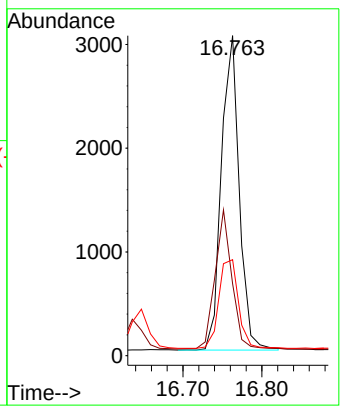


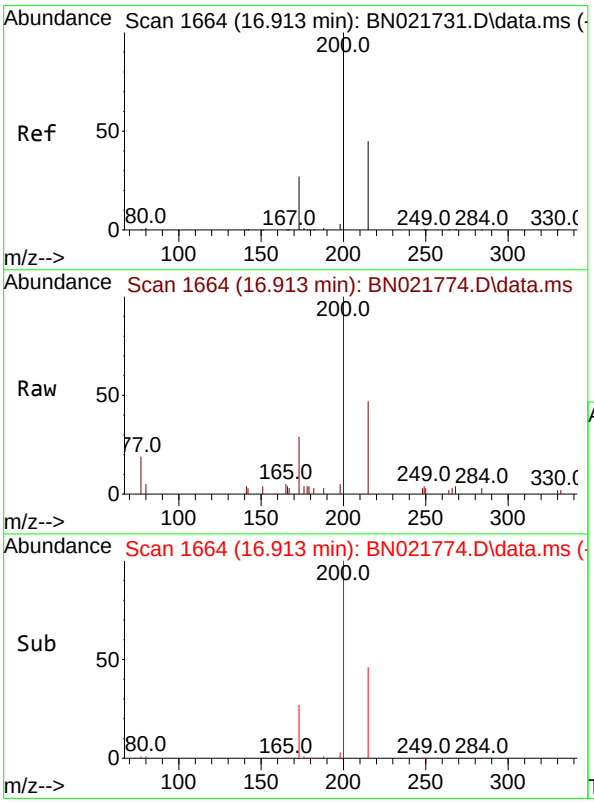
#22
Hexachlorobenzene
Concen: 0.390 ng
RT: 16.763 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:284 Resp: 4757

Ion	Ratio	Lower	Upper
284	100		
142	41.3	33.4	50.2
249	31.1	25.1	37.7

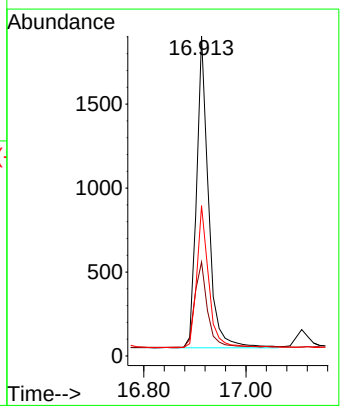


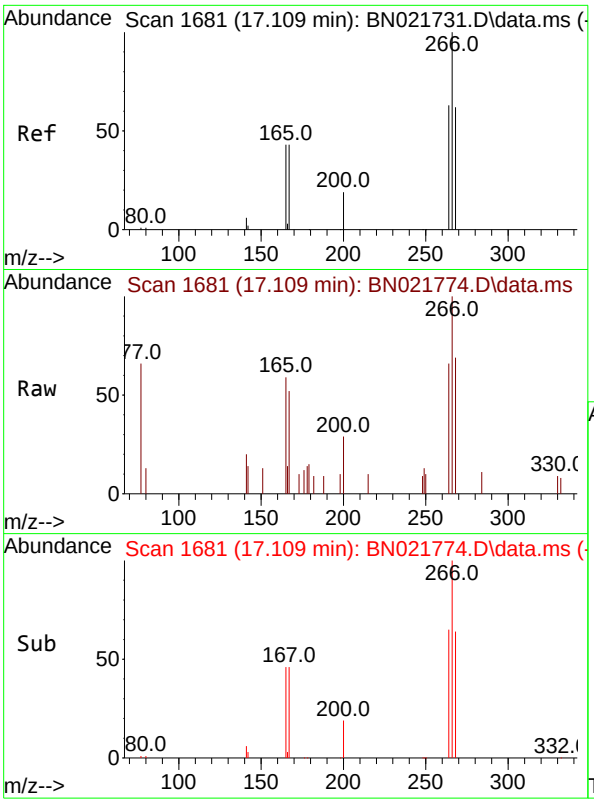


#23
Atrazine
Concen: 0.336 ng
RT: 16.913 min Scan# 1664
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:200 Resp: 3012

Ion	Ratio	Lower	Upper
200	100		
173	29.4	22.9	34.3
215	47.0	36.9	55.3



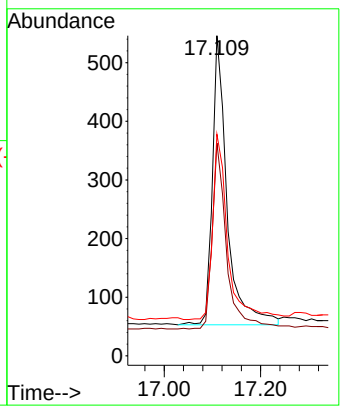


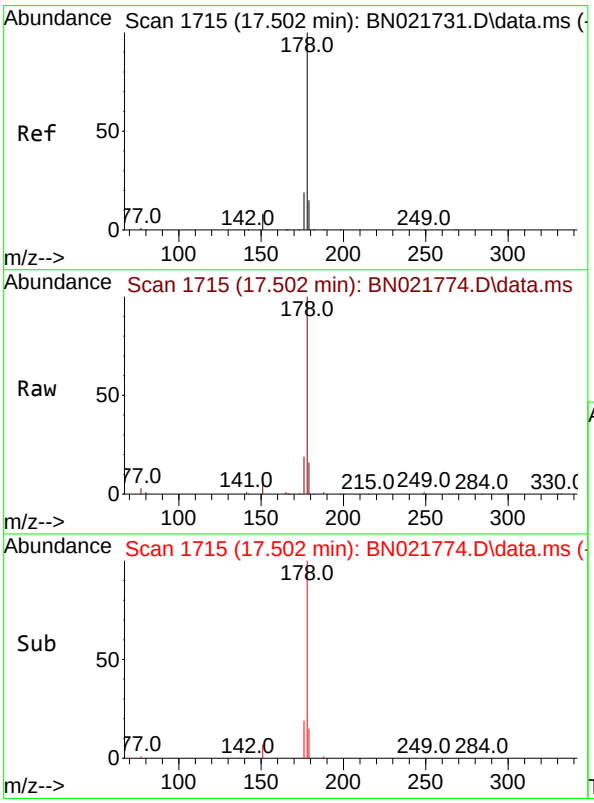
#24
Pentachlorophenol
Concen: 0.228 ng
RT: 17.109 min Scan# 1(
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:266 Resp: 1044

Ion	Ratio	Lower	Upper
266	100		
264	62.7	50.0	75.0
268	65.6	50.2	75.2

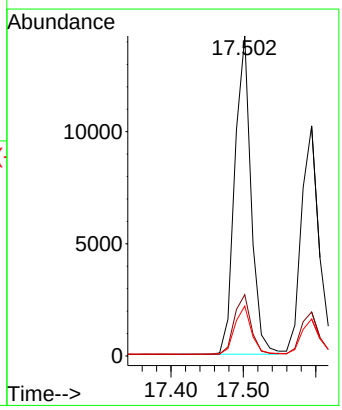


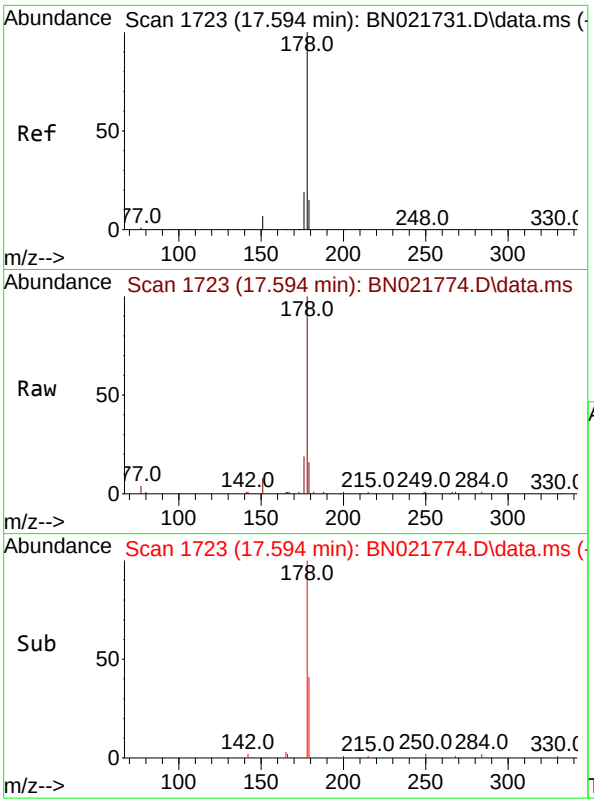


#25
Phenanthrene
Concen: 0.375 ng
RT: 17.502 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:178 Resp: 22158

Ion	Ratio	Lower	Upper
178	100		
176	19.5	15.3	22.9
179	15.3	12.2	18.4



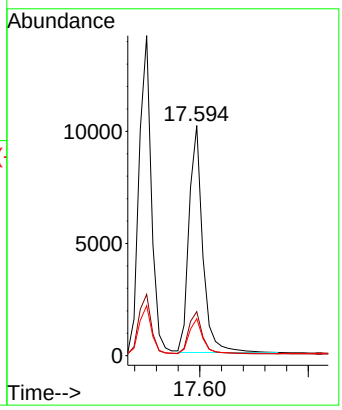


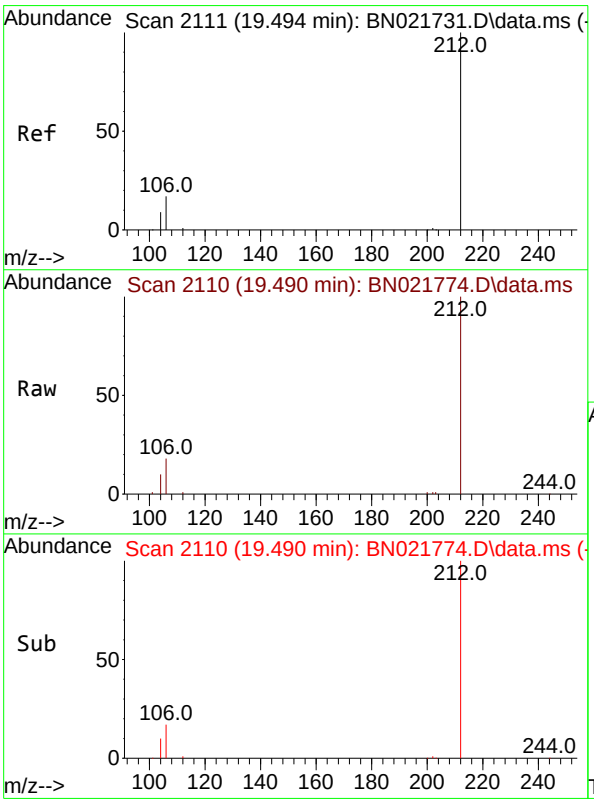
#26
Anthracene
Concen: 0.353 ng
RT: 17.594 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:178 Resp: 17653

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.0	22.6
179	15.3	12.2	18.2

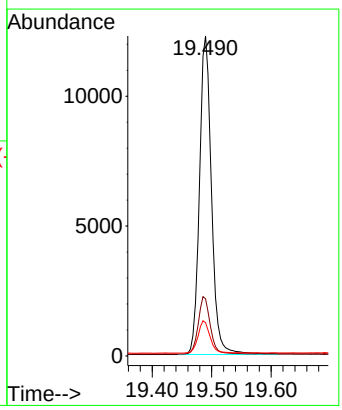


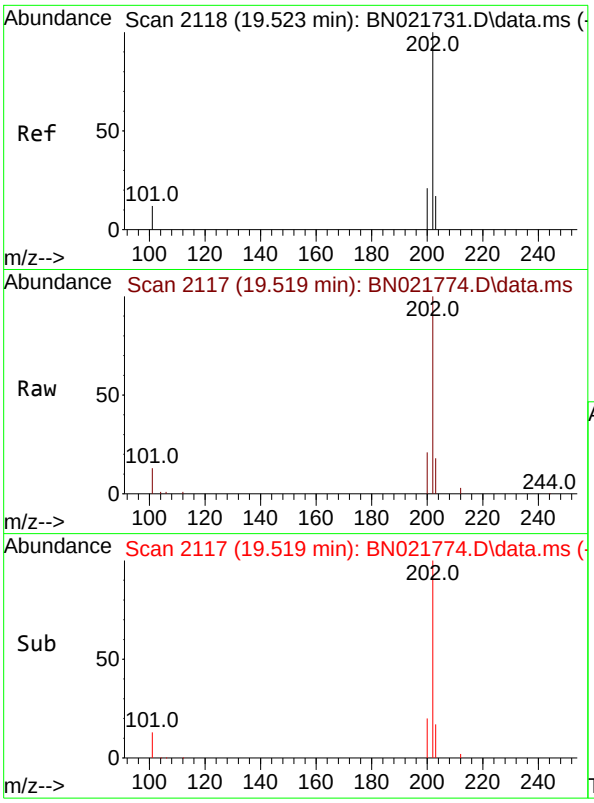


#27
Fluoranthene-d10
Concen: 0.363 ng
RT: 19.490 min Scan# 2110
Delta R.T. -0.004 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:212 Resp: 17220

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.3	21.5
104	10.1	8.0	12.0



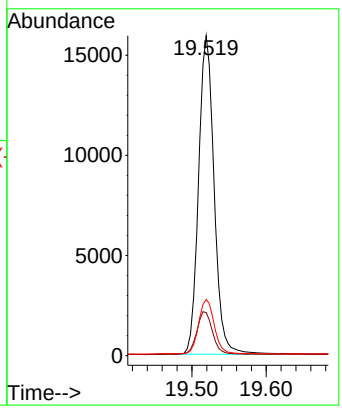


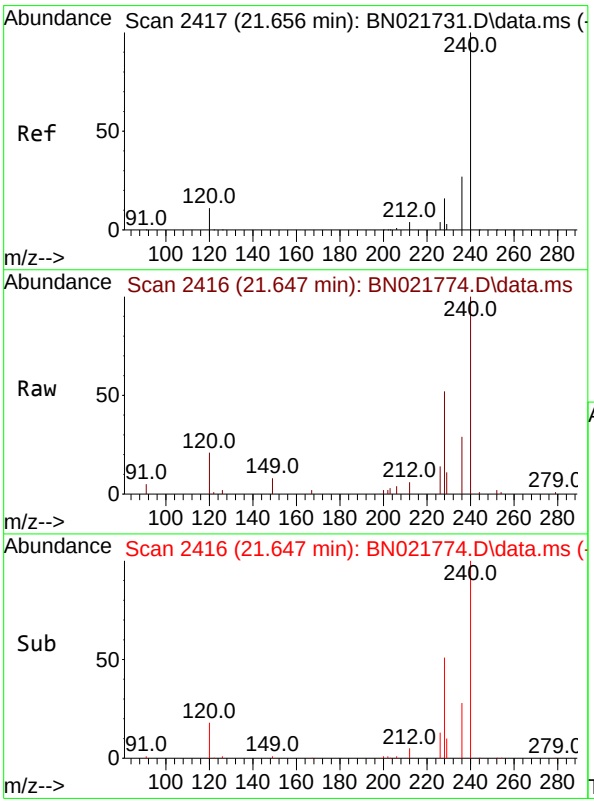
#28
Fluoranthene
Concen: 0.363 ng
RT: 19.519 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:202 Resp: 23131

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

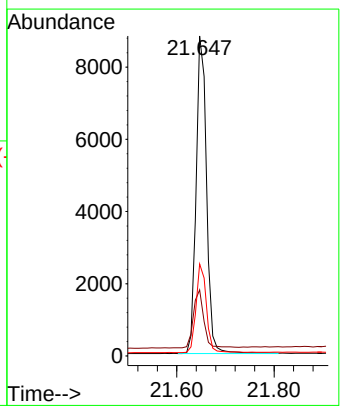


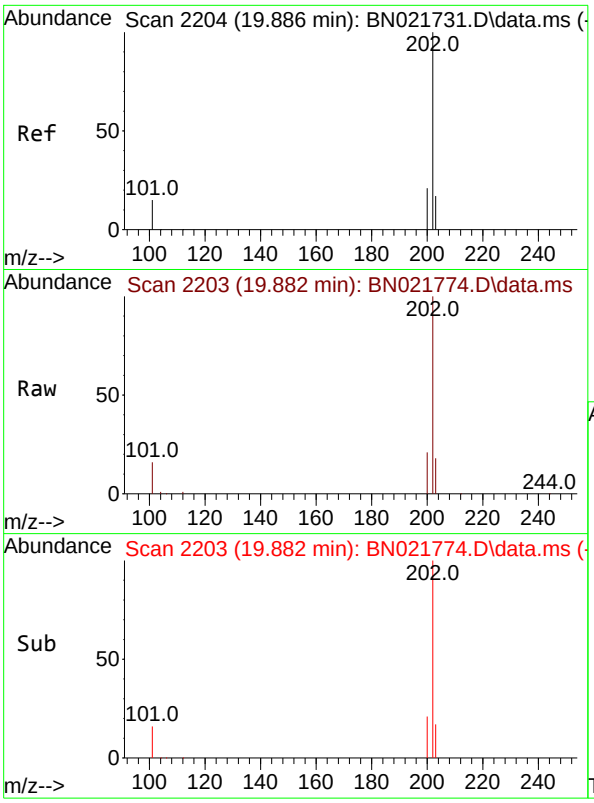


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.647 min Scan# 2416
Delta R.T. -0.009 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:240 Resp: 13077

Ion	Ratio	Lower	Upper
240	100		
120	20.7	9.8	14.8#
236	28.7	22.2	33.4



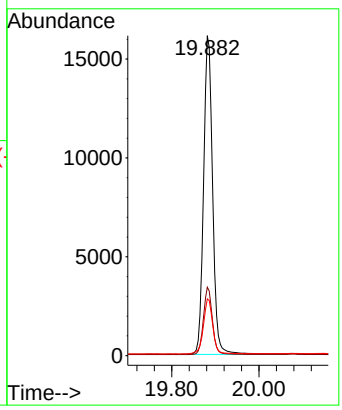


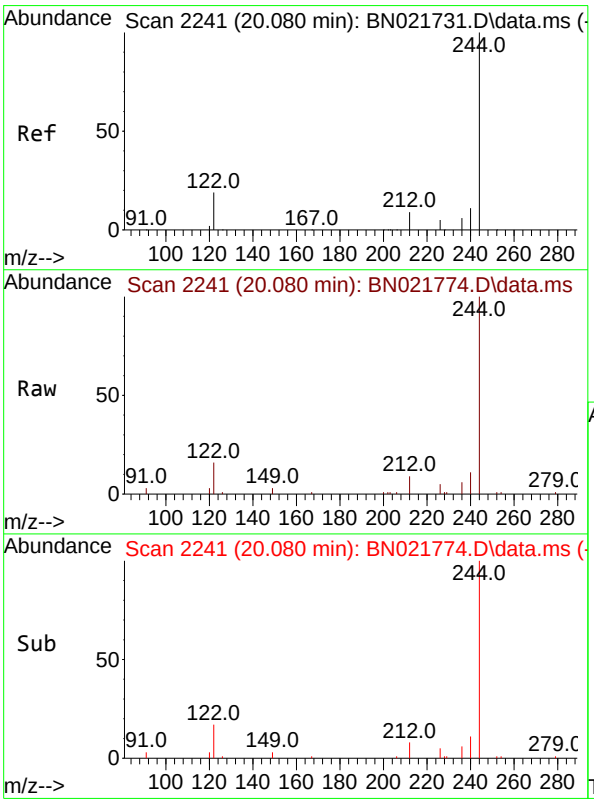
#30
Pyrene
Concen: 0.389 ng
RT: 19.882 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:202 Resp: 25260

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

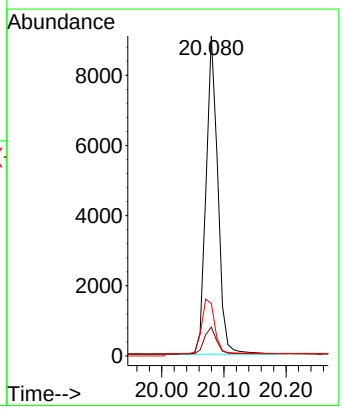


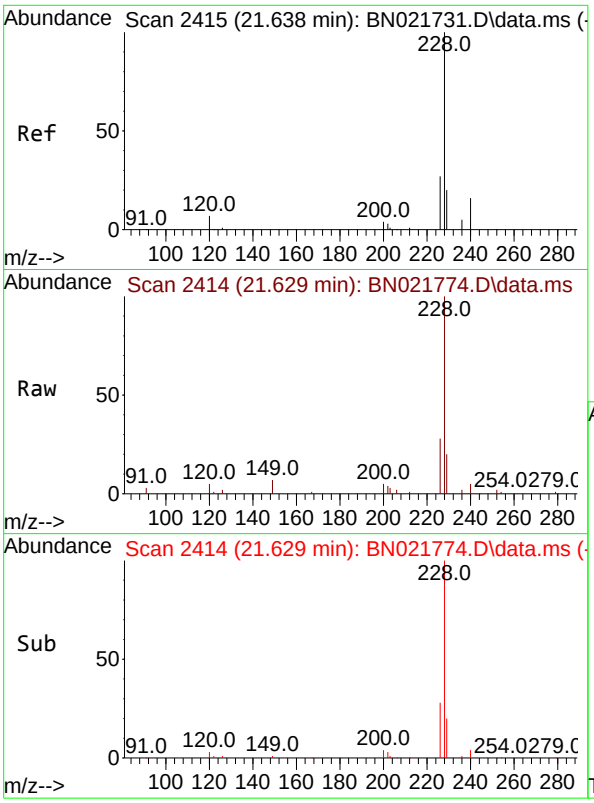


#31
Terphenyl-d14
Concen: 0.397 ng
RT: 20.080 min Scan# 2241
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:244 Resp: 11876

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.9	11.9
122	16.5	15.8	23.8



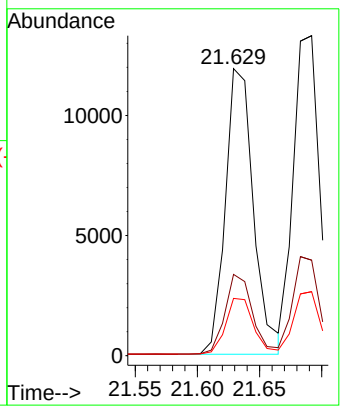


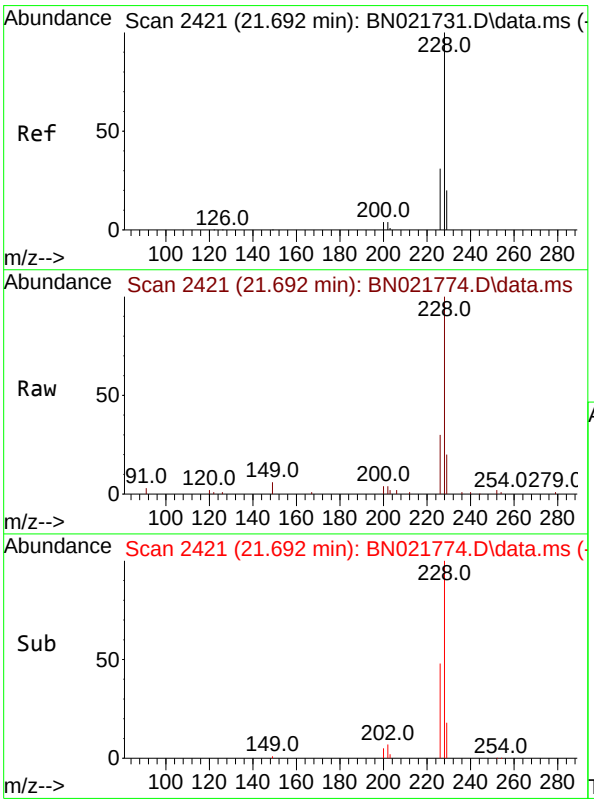
#32
Benzo(a)anthracene
Concen: 0.372 ng
RT: 21.629 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:228 Resp: 18672

Ion	Ratio	Lower	Upper
228	100		
226	28.3	21.5	32.3
229	20.0	15.8	23.8

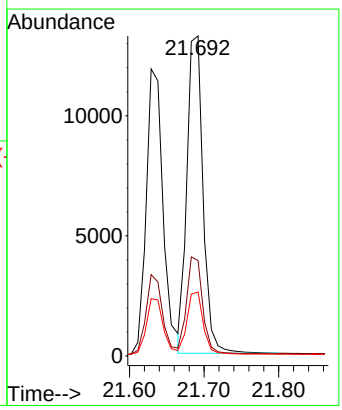


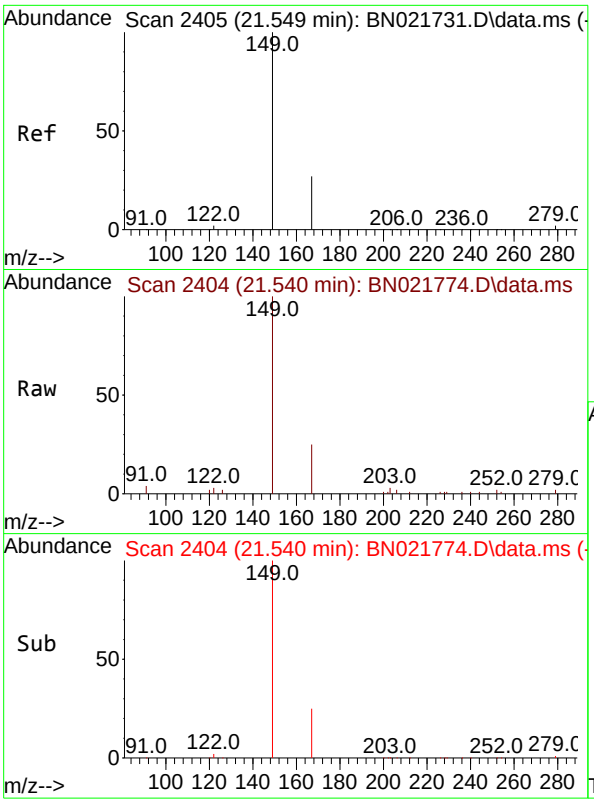


#33
Chrysene
Concen: 0.382 ng
RT: 21.692 min Scan# 2421
Delta R.T. -0.000 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:228 Resp: 19922

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.5	36.7
229	20.0	16.0	24.0



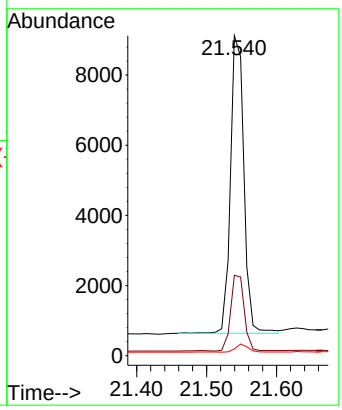


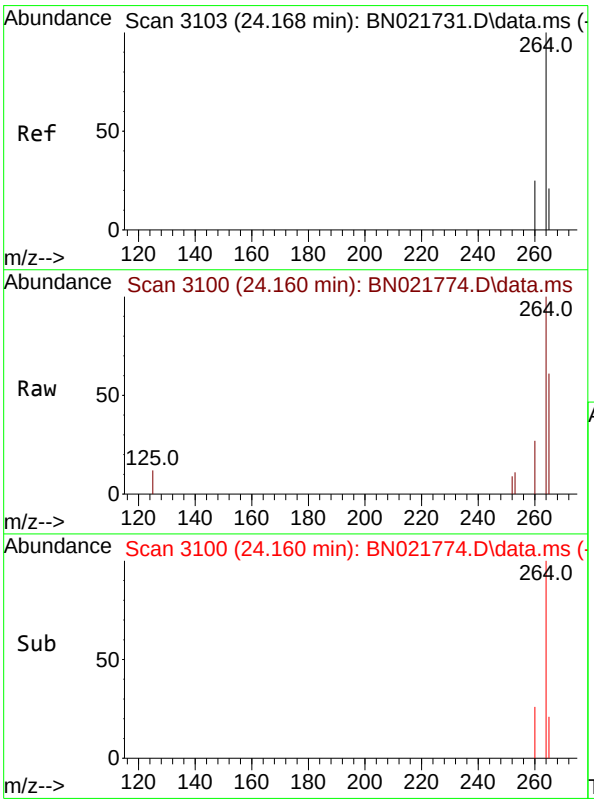
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.339 ng
RT: 21.540 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:149 Resp: 11358

Ion	Ratio	Lower	Upper
149	100		
167	25.6	20.8	31.2
279	2.6	2.1	3.1

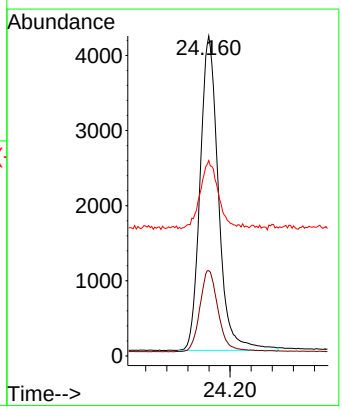


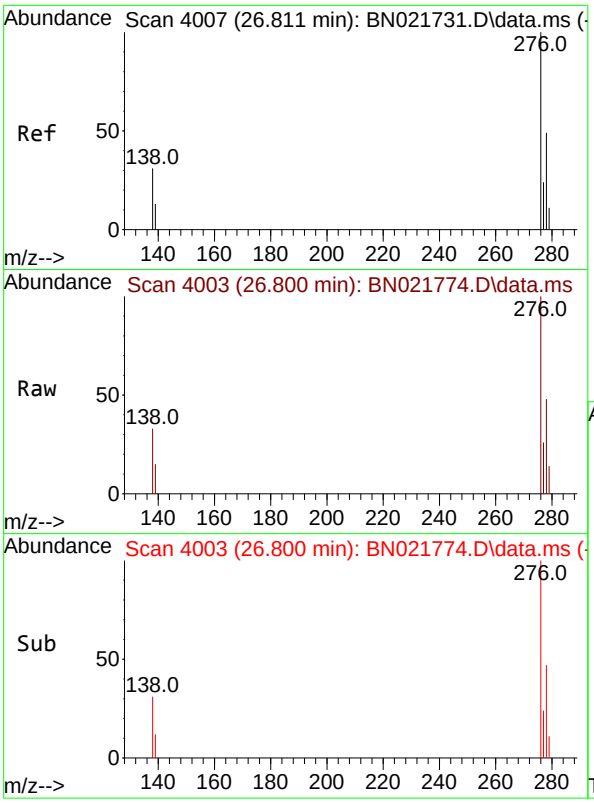


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.160 min Scan# 3100
Delta R.T. -0.009 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:264 Resp: 10096

Ion	Ratio	Lower	Upper
264	100		
260	26.6	20.6	31.0
265	61.0	34.4	51.6#



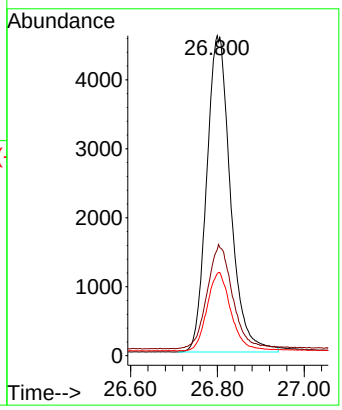


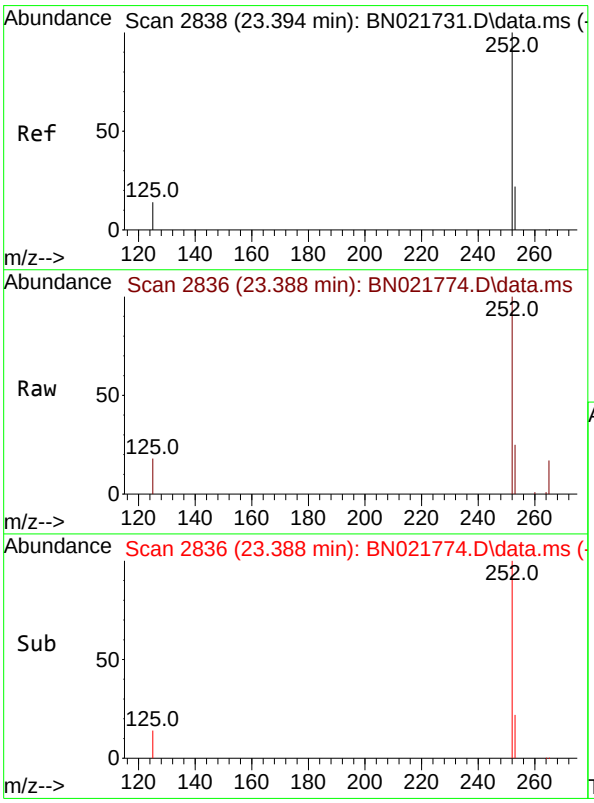
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.364 ng
RT: 26.800 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:276 Resp: 17465

Ion	Ratio	Lower	Upper
276	100		
138	34.6	27.4	41.0
277	24.6	19.8	29.6

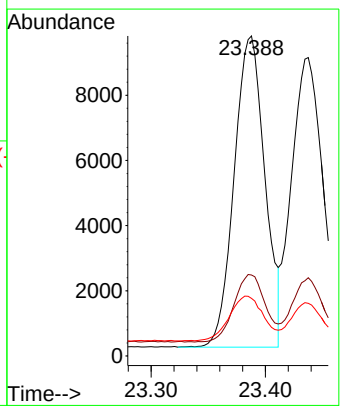


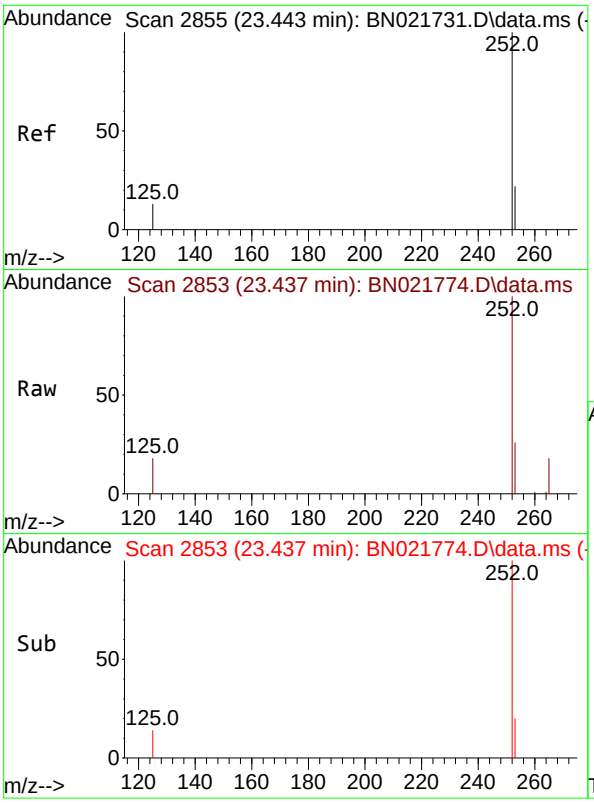


#37
Benzo(b)fluoranthene
Concen: 0.389 ng
RT: 23.388 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:252 Resp: 17838

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.6	29.4
125	18.0	13.0	19.4



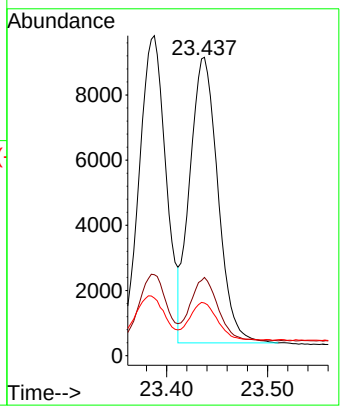


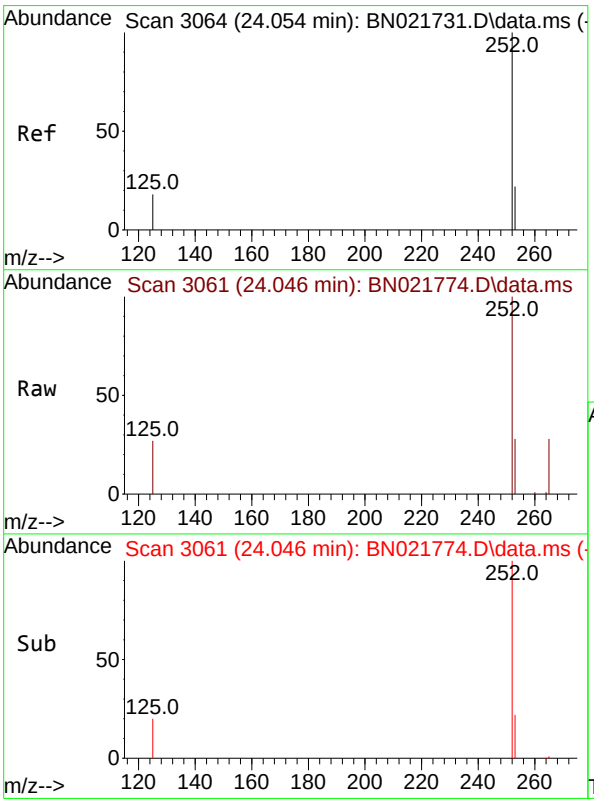
#38
Benzo(k)fluoranthene
Concen: 0.379 ng
RT: 23.437 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:252 Resp: 17005

Ion	Ratio	Lower	Upper
252	100		
253	26.2	19.4	29.2
125	17.6	12.6	18.8

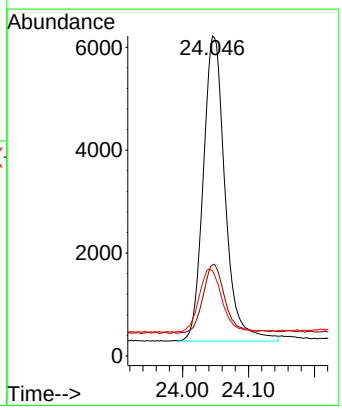


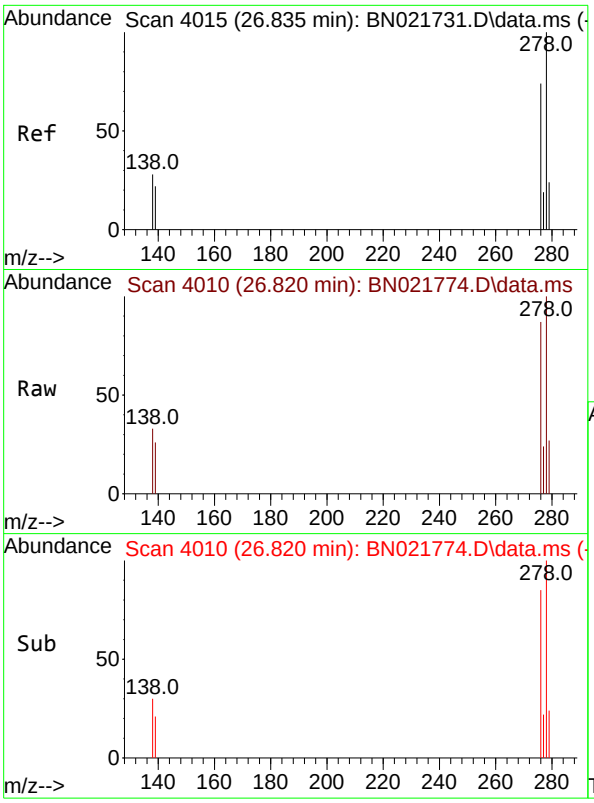


#39
Benzo(a)pyrene
Concen: 0.374 ng
RT: 24.046 min Scan# 3061
Delta R.T. -0.009 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:252 Resp: 13653

Ion	Ratio	Lower	Upper
252	100		
253	28.5	20.8	31.2
125	26.6	17.4	26.0#



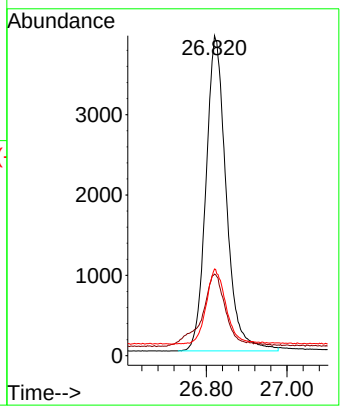


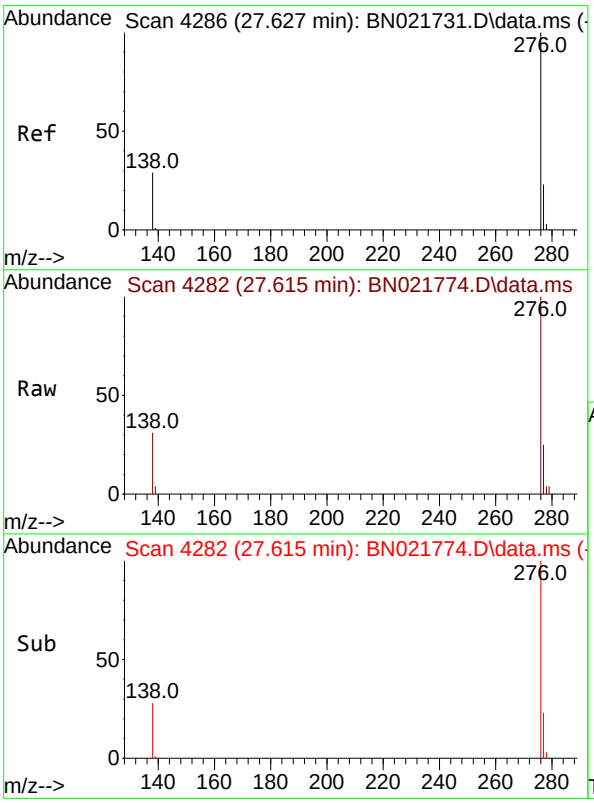
#40
Dibenzo(a,h)anthracene
Concen: 0.359 ng
RT: 26.820 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Instrument :
BNA_N
ClientSampleId :
PB147668BS

Tgt Ion:278 Resp: 13637

Ion	Ratio	Lower	Upper
278	100		
139	25.5	19.2	28.8
279	27.1	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.365 ng
RT: 27.615 min Scan# 4282
Delta R.T. -0.012 min
Lab File: BN021774.D
Acq: 15 Sep 2022 18:34

Tgt Ion:276 Resp: 14250

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.2	28.8
138	30.6	24.2	36.2