Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021730.D
Acq On : 13 Sep 2022 18:07
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 14 01:32:16 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 01:24:46 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.062	152	5141	0.400	ng		0.00
7) Naphthalene-d8	10.888	136	16402	0.400	ng		0.00
13) Acenaphthene-d10	14.707	164	10407	0.400	ng		0.00
19) Phenanthrene-d10	17.456	188	22610	0.400	ng		0.00
29) Chrysene-d12	21.652	240	16954	0.400	ng	#	0.00
35) Perylene-d12	24.167	264	14464	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	3560	0.354	ng		0.00
5) Phenol-d6	7.209	99	4427	0.345	ng		0.00
8) Nitrobenzene-d5	9.233	82	3349	0.302	ng		0.00
11) 2-Methylnaphthalene-d10	12.475	152	10682	0.289	ng		0.00
14) 2,4,6-Tribromophenol	16.209	330	1113	0.326	ng		0.00
15) 2-Fluorobiphenyl	13.339	172	10696	0.235	ng		0.00
27) Fluoranthene-d10	19.494	212	14989	0.258	ng		0.00
31) Terphenyl-d14	20.085	244	10472	0.275	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.403	88	1678	0.261	ng		98
3) n-Nitrosodimethylamine	3.743	42	1711	0.295	ng	#	98
6) bis(2-Chloroethyl)ether	7.469	93	4412	0.273	ng		99
9) Naphthalene	10.941	128	12284	0.253	ng		99
10) Hexachlorobutadiene	11.219	225	2083	0.248	ng	#	99
12) 2-Methylnaphthalene	12.176	142	2411	0.392	ng	#	93
16) Acenaphthylene	14.429	152	11596	0.237	ng		100
17) Acenaphthene	14.771	154	8455	0.246	ng		99
18) Fluorene	15.758	166	11197	0.264	ng		100
21) 4-Bromophenyl-phenylether	16.647	248	3501	0.247	ng		100
22) Hexachlorobenzene	16.763	284	4039	0.233	ng		100
23) Atrazine	16.913	200	2759	0.334	ng		99
24) Pentachlorophenol	17.109	266	1252	0.340	ng		99
25) Phenanthrene	17.502	178	19143	0.245	ng		100
26) Anthracene	17.594	178	15355	0.248	ng		100
28) Fluoranthene	19.523	202	20104	0.248	ng		100
30) Pyrene	19.886	202	22065	0.244	ng		99
32) Benzo(a)anthracene	21.634	228	16097	0.273	ng		99
33) Chrysene	21.688	228	17492	0.249	ng		99
34) Bis(2-ethylhexyl)phtha...	21.544	149	10687	0.449	ng		99
36) Indeno(1,2,3-cd)pyrene	26.810	276	16727	0.256	ng		100
37) Benzo(b)fluoranthene	23.442	252	15532	0.218	ng		96
38) Benzo(k)fluoranthene	23.442	252	15346	0.214	ng		95
39) Benzo(a)pyrene	24.053	252	12998	0.261	ng	#	90
40) Dibenzo(a,h)anthracene	26.834	278	13081	0.249	ng		98
41) Benzo(g,h,i)perylene	27.629	276	13602	0.236	ng		98

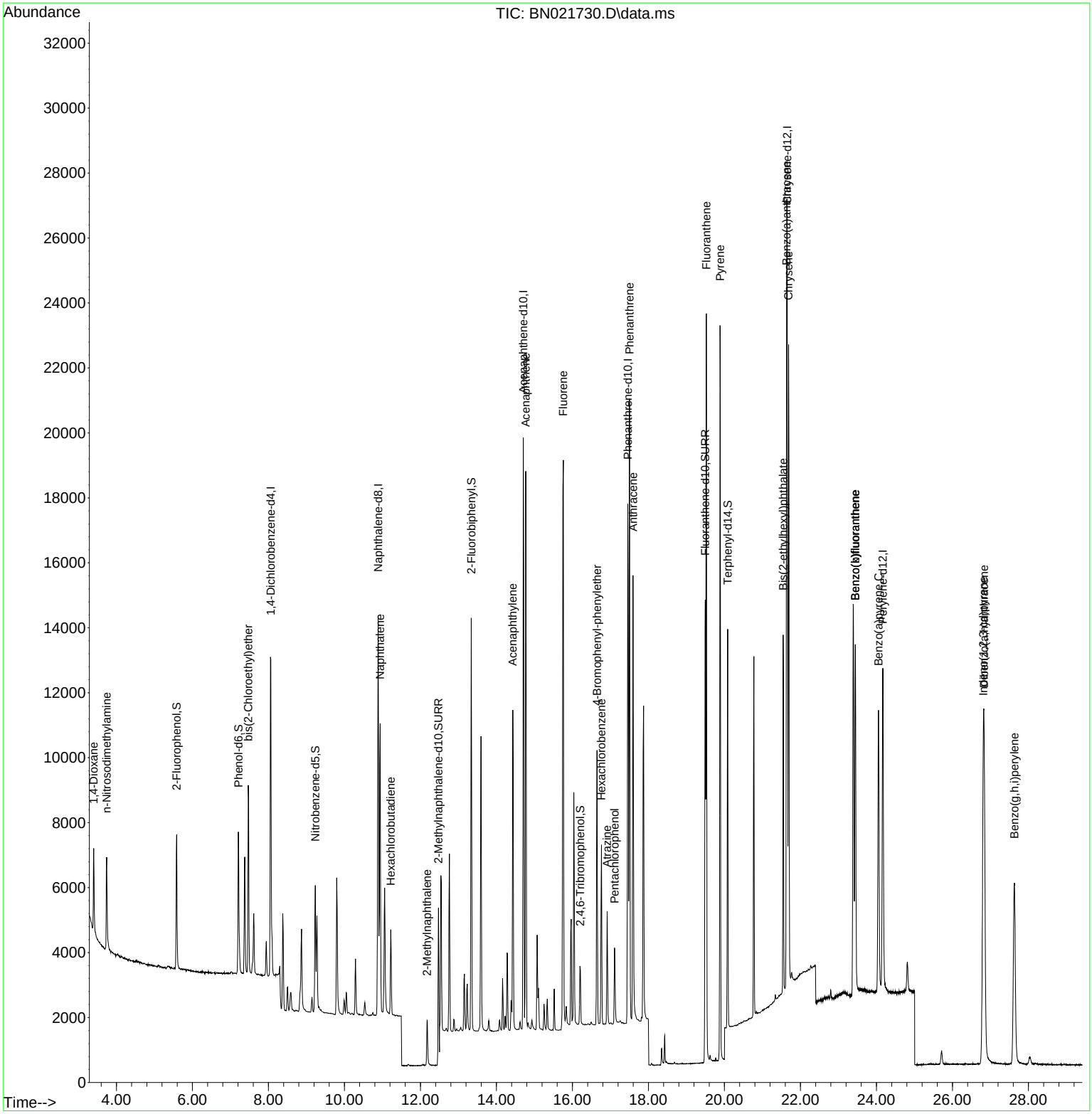
(#) = qualifier out of range (m) = manual integration (+) = signals summed

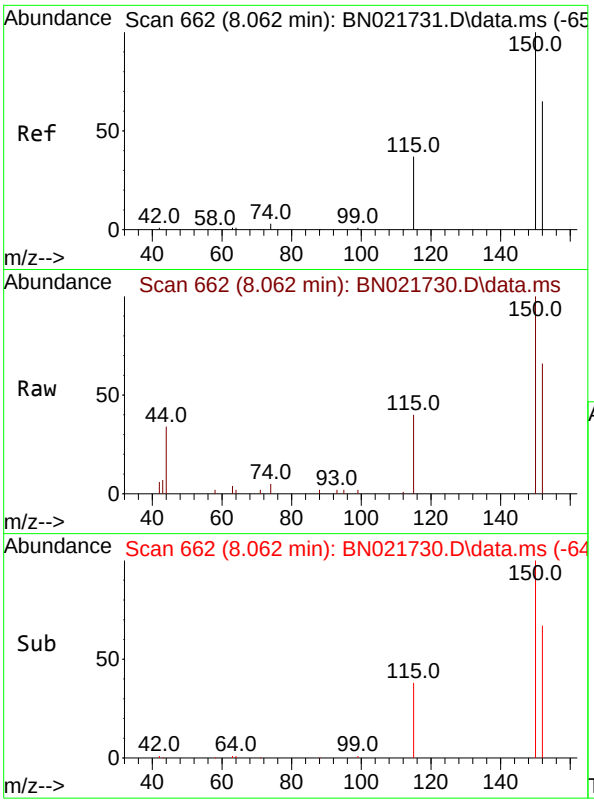
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091422\
Data File : BN021730.D
Acq On : 13 Sep 2022 18:07
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Sep 14 01:32:16 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 01:24:46 2022
Response via : Initial Calibration



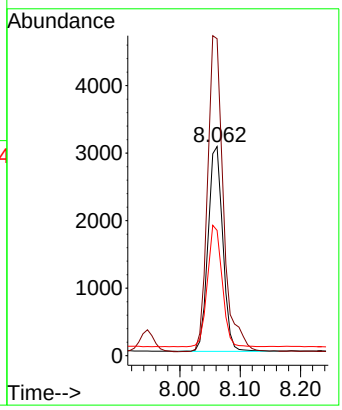


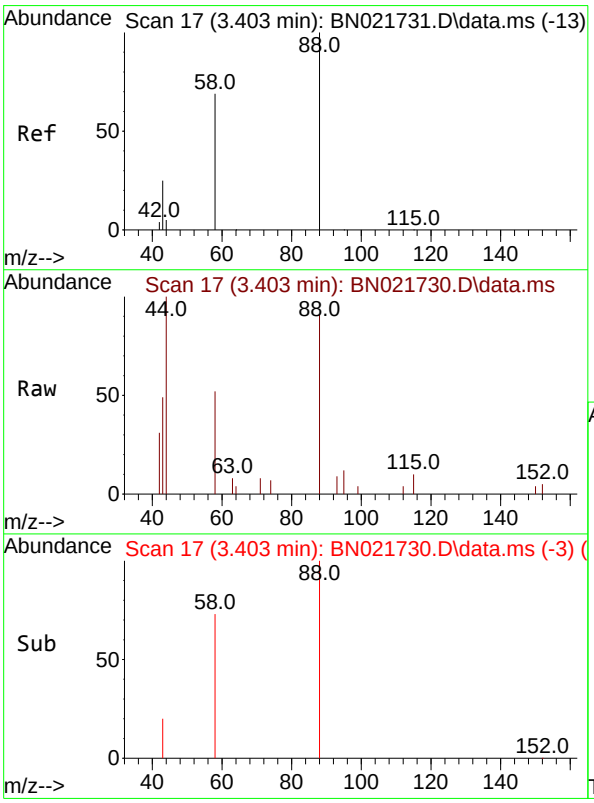
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.062 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 5141

Ion	Ratio	Lower	Upper
152	100		
150	151.6	121.8	182.8
115	59.9	48.3	72.5

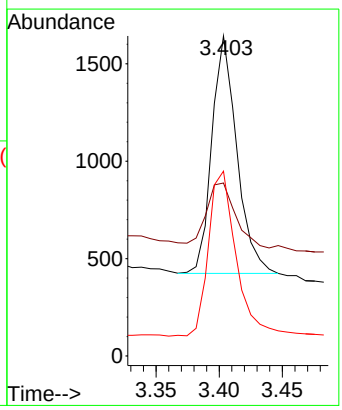


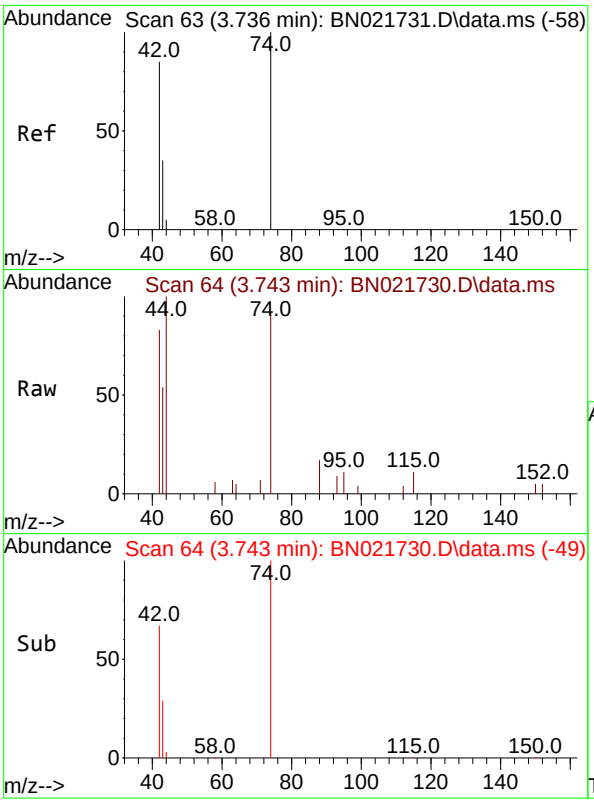


#2
1,4-Dioxane
Concen: 0.261 ng
RT: 3.403 min Scan# 17
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion: 88 Resp: 1678

Ion	Ratio	Lower	Upper
88	100		
43	31.8	24.2	36.2
58	76.5	60.2	90.4



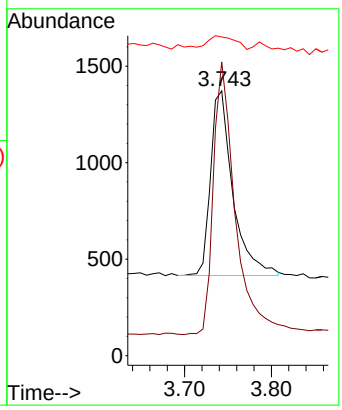


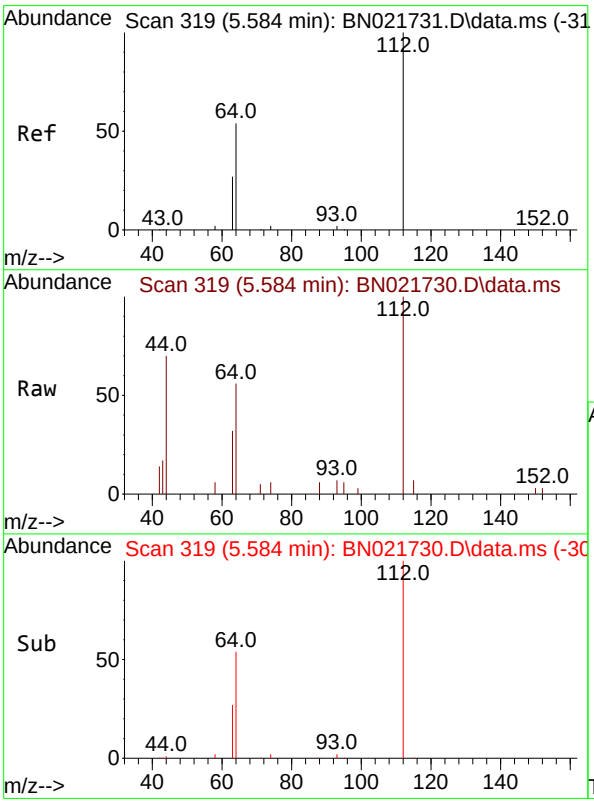
#3
n-Nitrosodimethylamine
Concen: 0.295 ng
RT: 3.743 min Scan# 64
Delta R.T. 0.007 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 42 Resp: 1711

Ion	Ratio	Lower	Upper
42	100		
74	143.6	116.3	174.5
44	8.7	9.0	13.4#

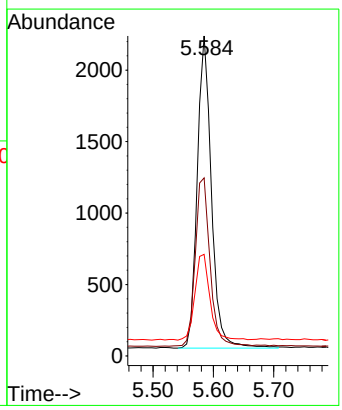


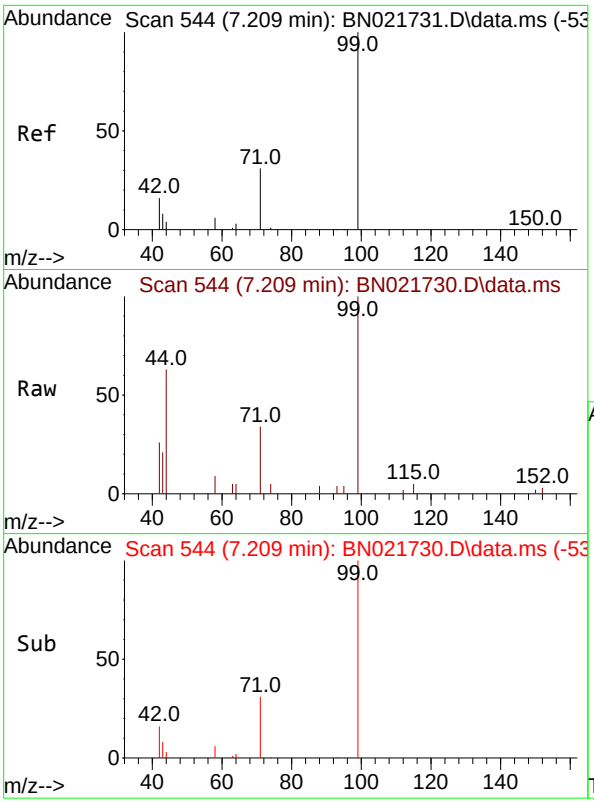


#4
2-Fluorophenol
Concen: 0.354 ng
RT: 5.584 min Scan# 319
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:112 Resp: 3560

Ion	Ratio	Lower	Upper
112	100		
64	56.3	45.4	68.2
63	29.0	23.3	34.9



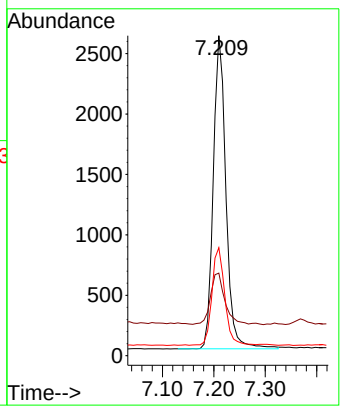


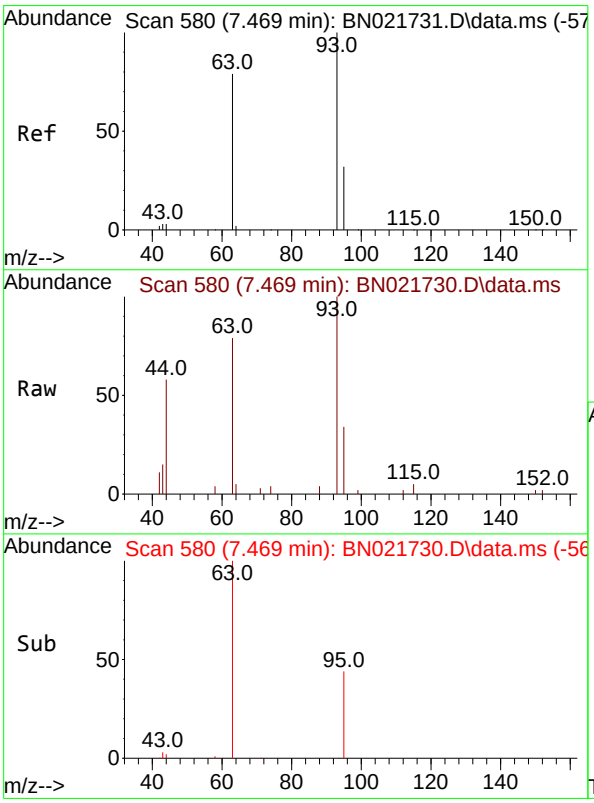
#5
Phenol-d6
Concen: 0.345 ng
RT: 7.209 min Scan# 54
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion: 99 Resp: 4427

Ion	Ratio	Lower	Upper
99	100		
42	18.3	15.1	22.7
71	31.3	25.3	37.9

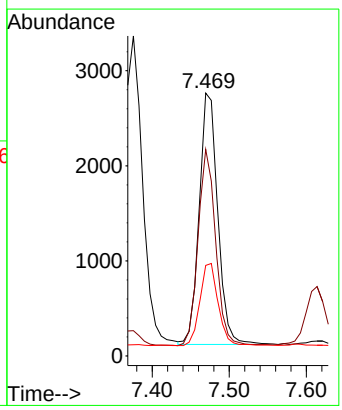


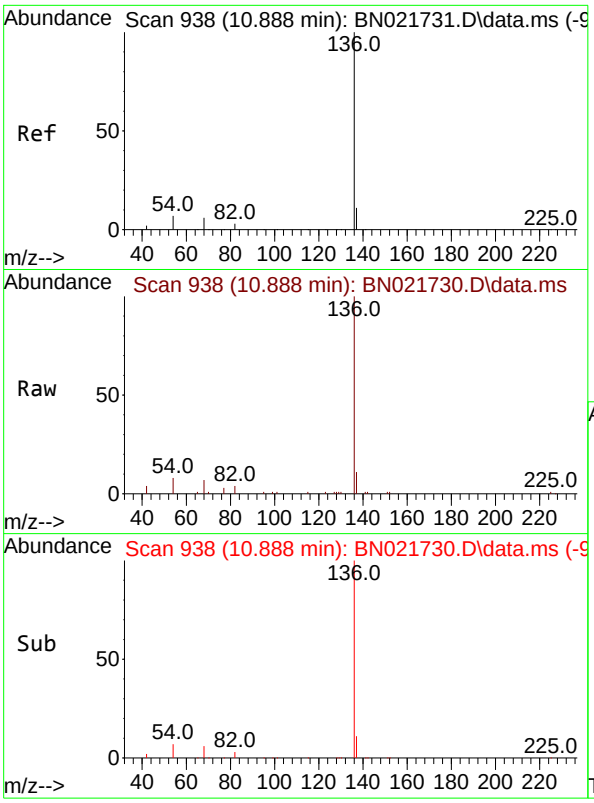


#6
bis(2-Chloroethyl)ether
Concen: 0.273 ng
RT: 7.469 min Scan# 580
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion: 93 Resp: 4412

Ion	Ratio	Lower	Upper
93	100		
63	74.0	60.0	90.0
95	32.4	26.2	39.4



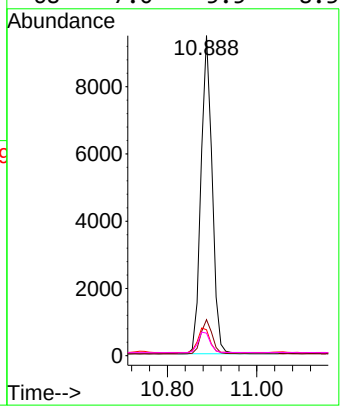


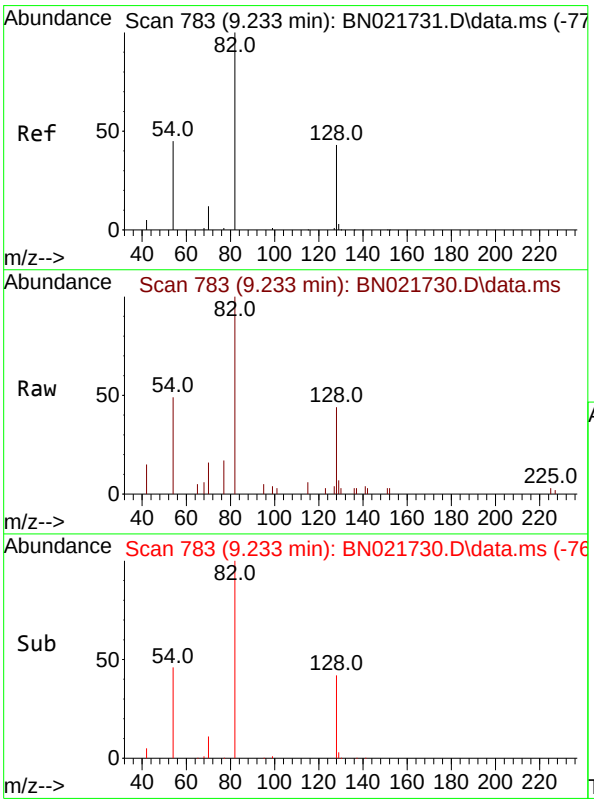
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.888 min Scan# 9
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:136 Resp: 16402

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	8.1	6.4	9.6
68	7.0	5.5	8.3

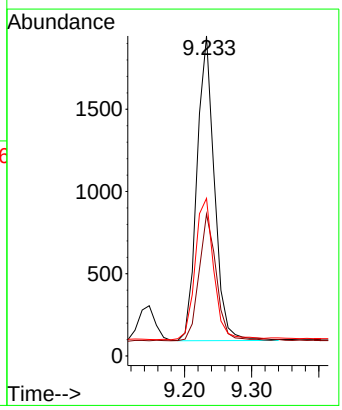


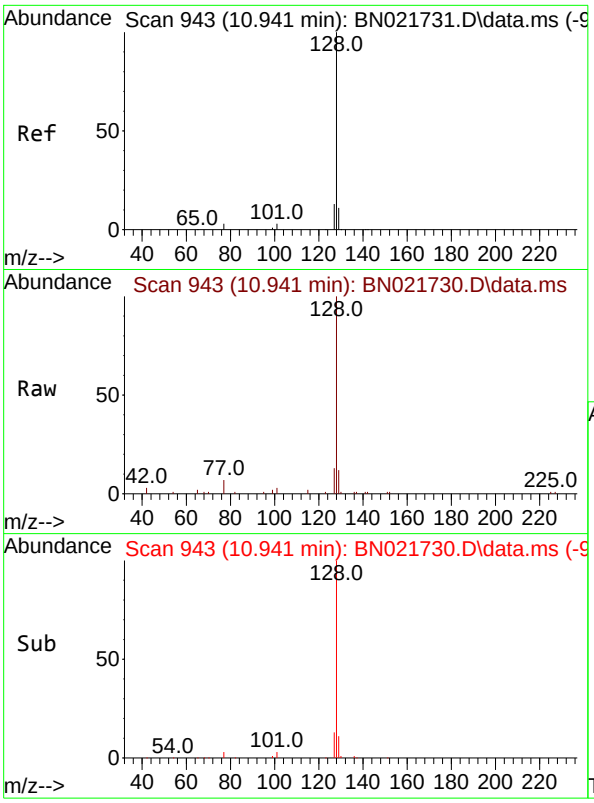


#8
Nitrobenzene-d5
Concen: 0.302 ng
RT: 9.233 min Scan# 783
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion: 82 Resp: 3349

Ion	Ratio	Lower	Upper
82	100		
128	44.3	35.6	53.4
54	49.3	37.8	56.8



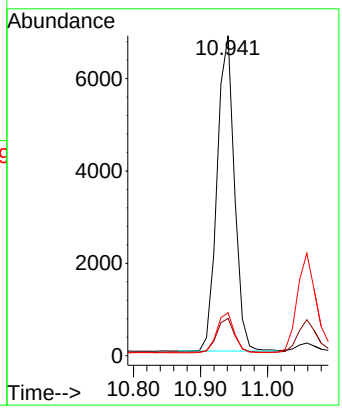


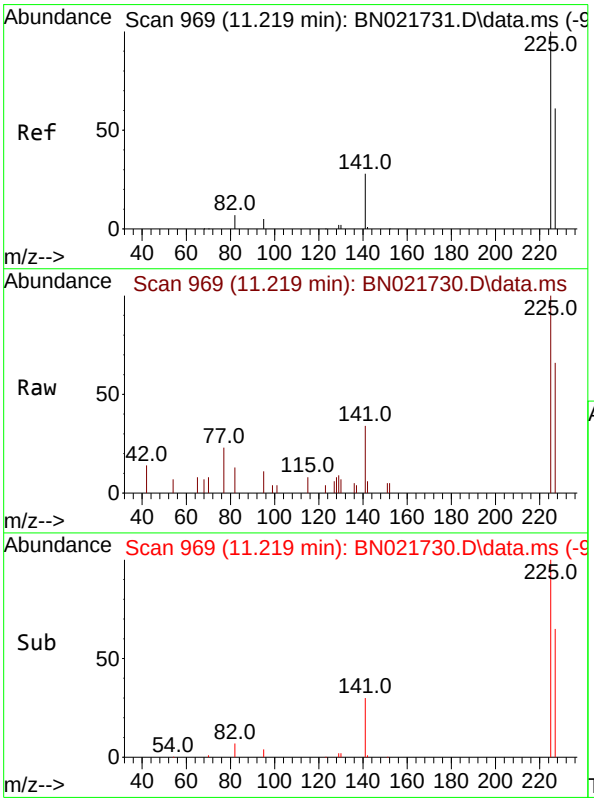
#9
Naphthalene
Concen: 0.253 ng
RT: 10.941 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:128 Resp: 12284

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.2	13.8
127	13.4	10.5	15.7

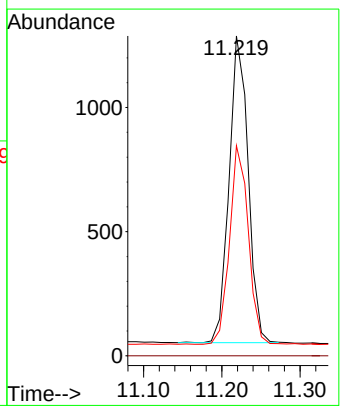


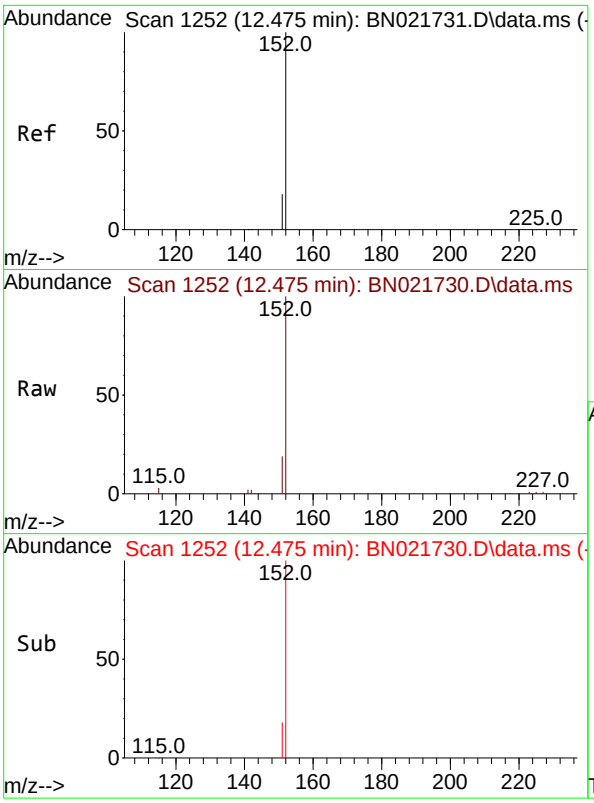


#10
Hexachlorobutadiene
Concen: 0.248 ng
RT: 11.219 min Scan# 969
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:225 Resp: 2083

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



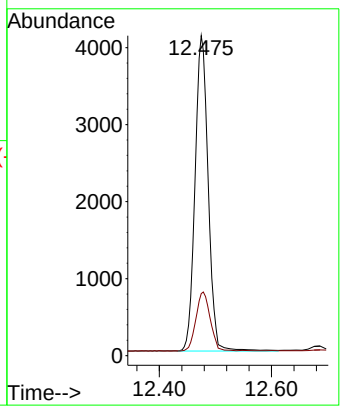


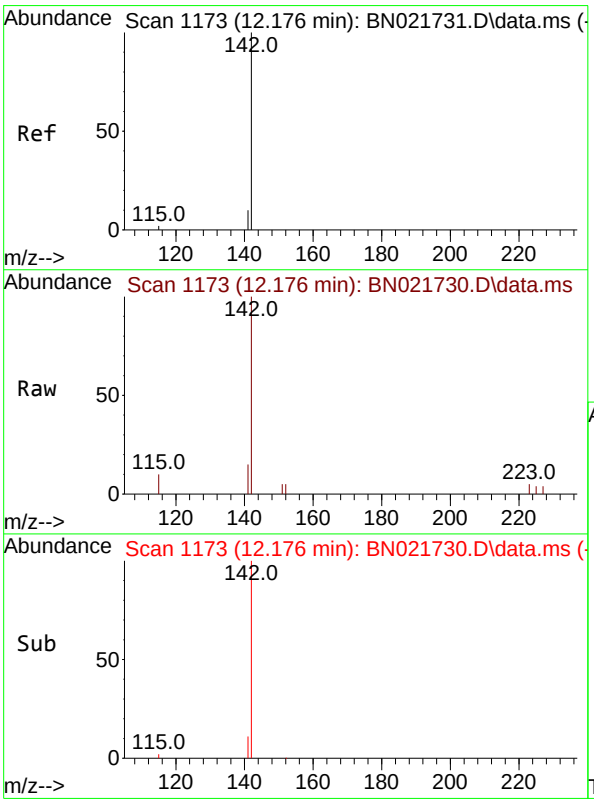
#11
2-Methylnaphthalene-d10
Concen: 0.289 ng
RT: 12.475 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:152 Resp: 10682

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.6	23.4

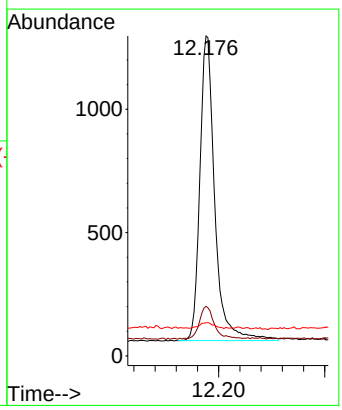


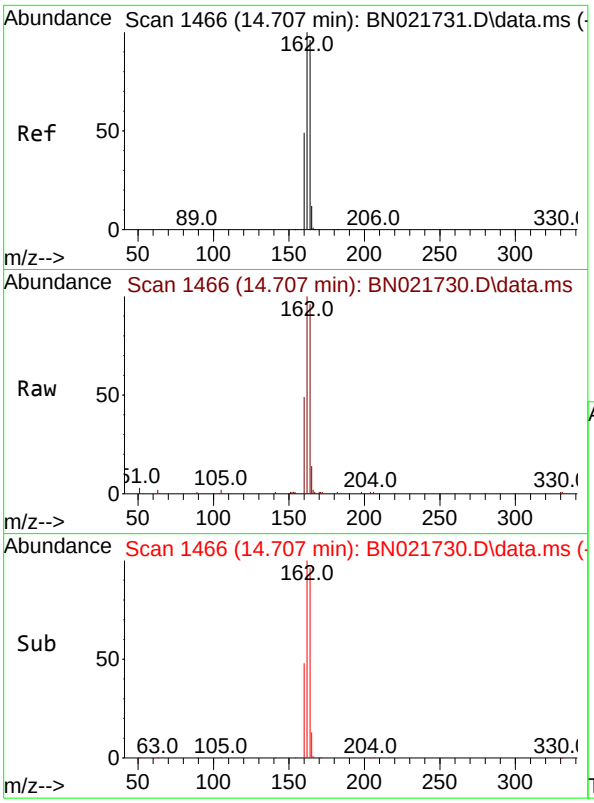


#12
2-Methylnaphthalene
Concen: 0.392 ng
RT: 12.176 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:142 Resp: 2411

Ion	Ratio	Lower	Upper
142	100		
141	15.5	10.6	16.0
115	10.3	5.6	8.4#



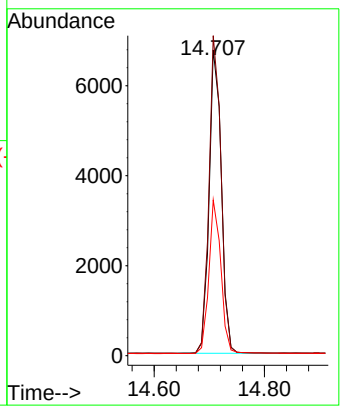


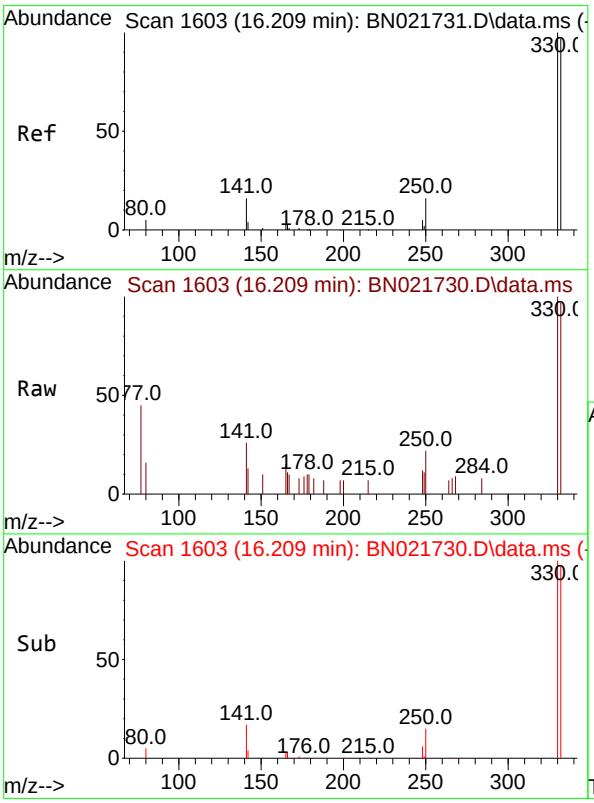
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.707 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:164 Resp: 10407

Ion	Ratio	Lower	Upper
164	100		
162	104.6	83.2	124.8
160	50.9	40.9	61.3

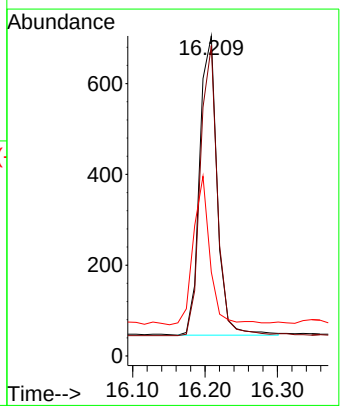


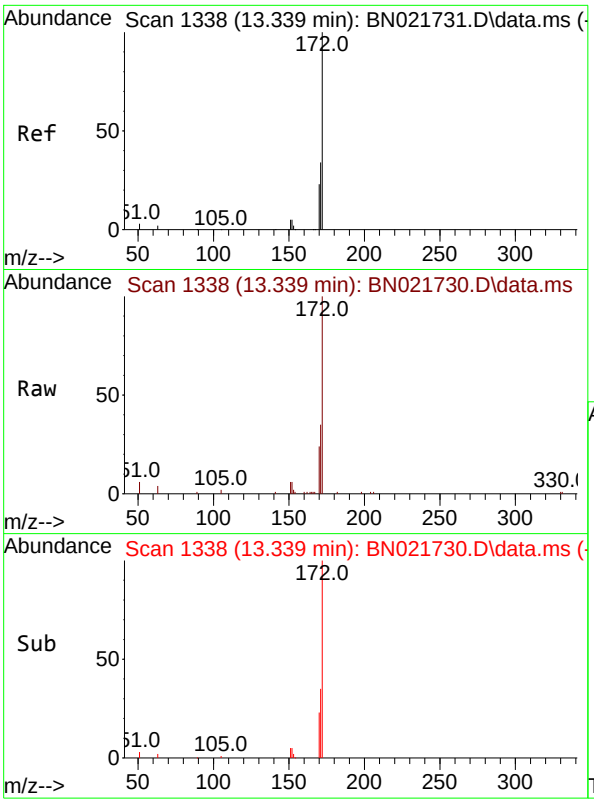


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 16.209 min Scan# 1603
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:330 Resp: 1113

Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.8	115.2
141	47.4	37.2	55.8



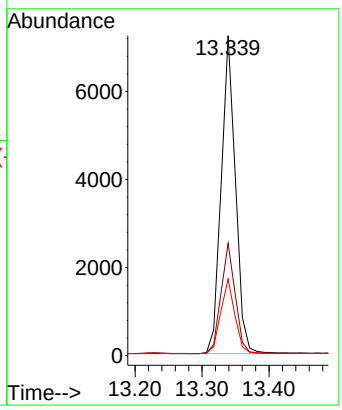


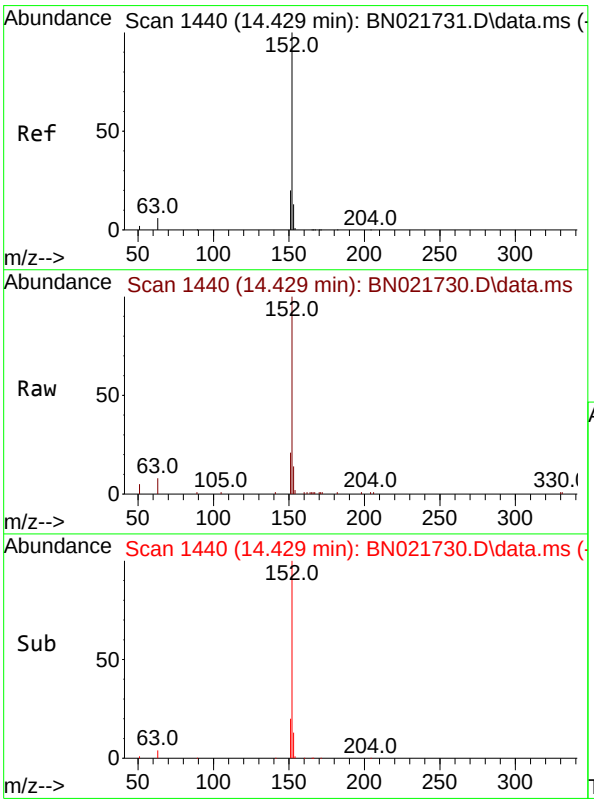
#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 13.339 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:172 Resp: 10696

Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.7	41.5
170	23.9	18.8	28.2

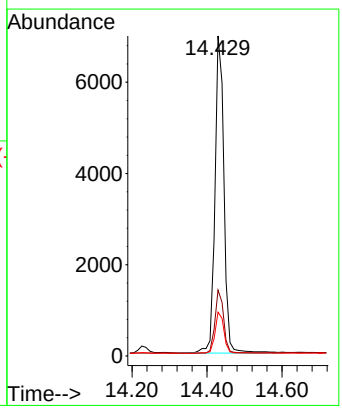


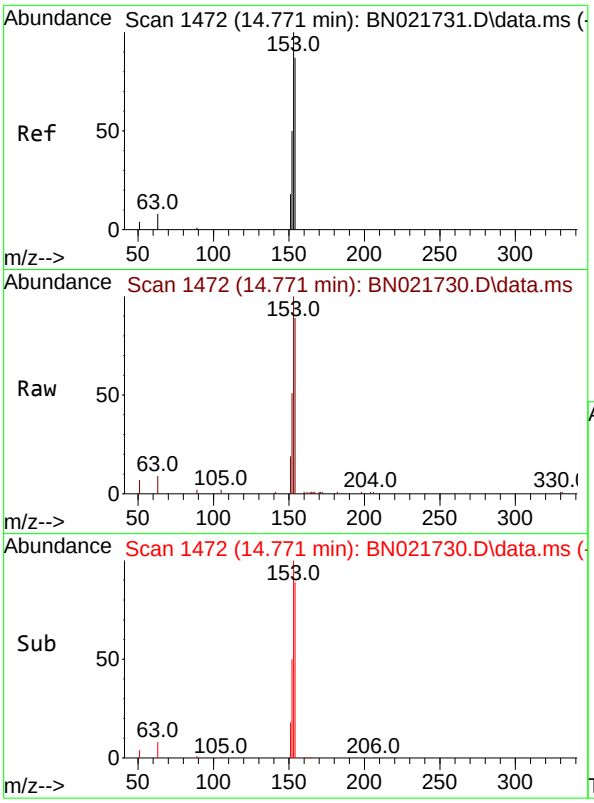


#16
Acenaphthylene
Concen: 0.237 ng
RT: 14.429 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:152 Resp: 11596

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.4	23.0
153	12.8	10.3	15.5



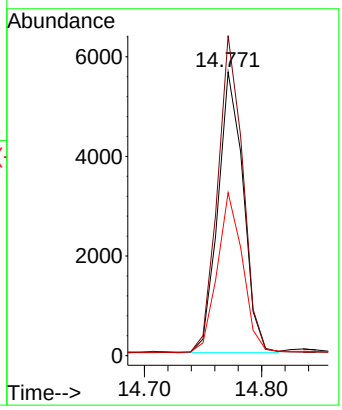


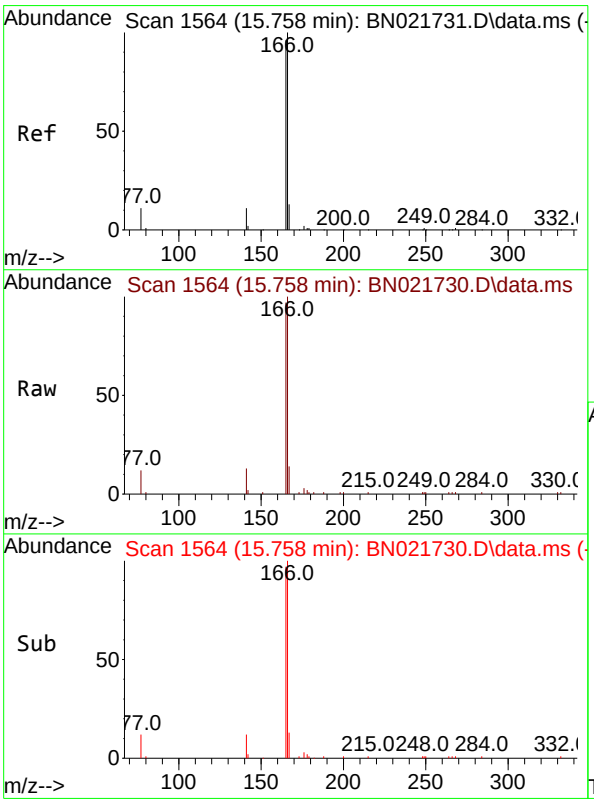
#17
Acenaphthene
Concen: 0.246 ng
RT: 14.771 min Scan# 14
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:154 Resp: 8455

Ion	Ratio	Lower	Upper
154	100		
153	112.7	91.0	136.4
152	56.8	46.0	69.0

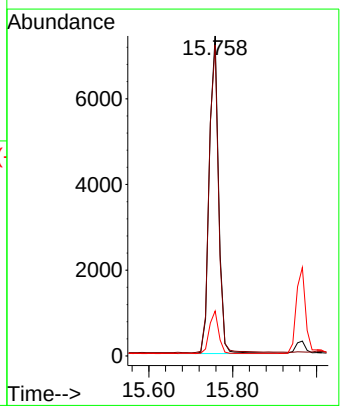


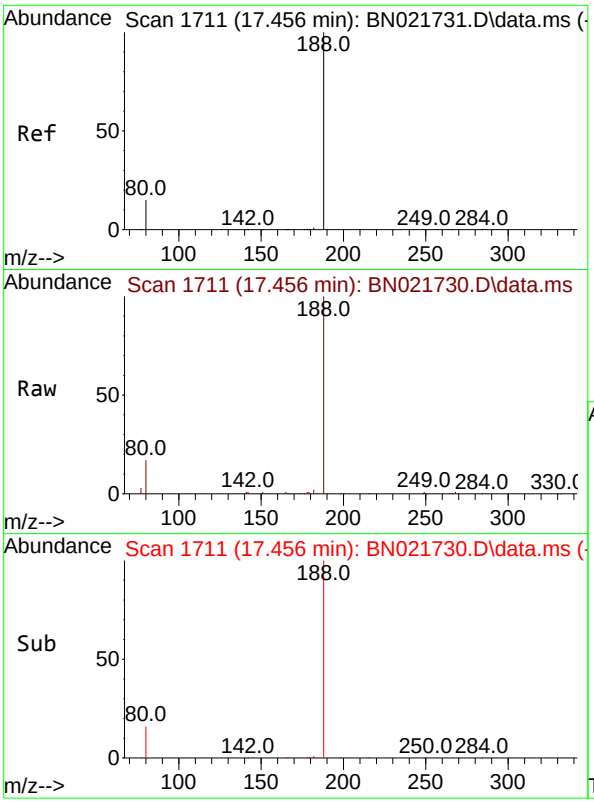


#18
Fluorene
Concen: 0.264 ng
RT: 15.758 min Scan# 1564
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:166 Resp: 11197

Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.4	119.0
167	13.6	10.6	15.8



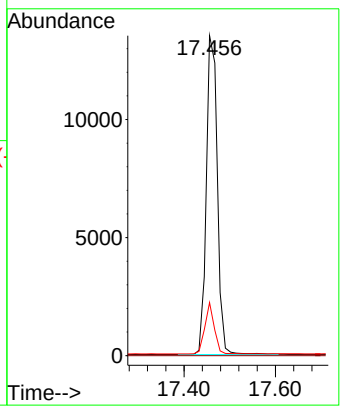


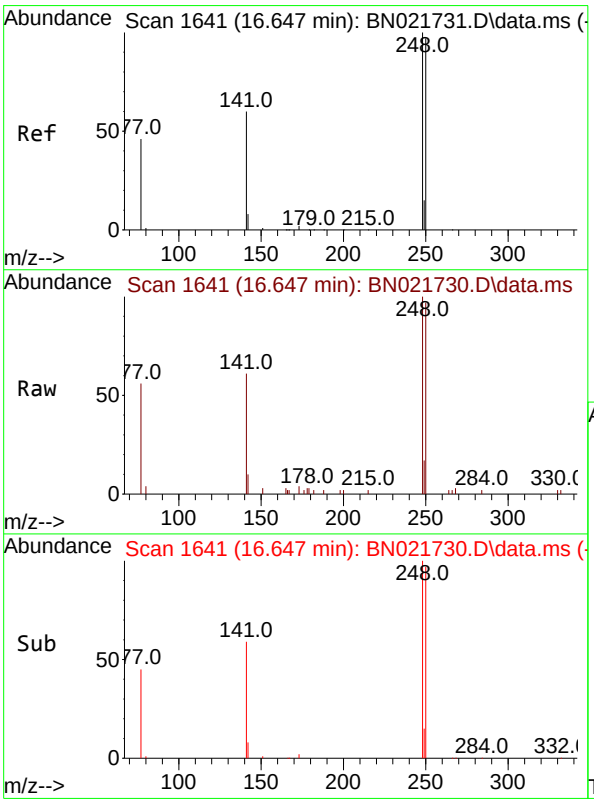
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.456 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:188 Resp: 22610

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	16.6	12.6	19.0

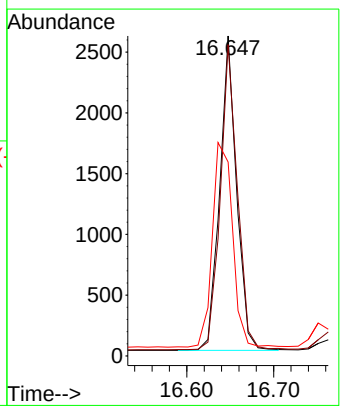


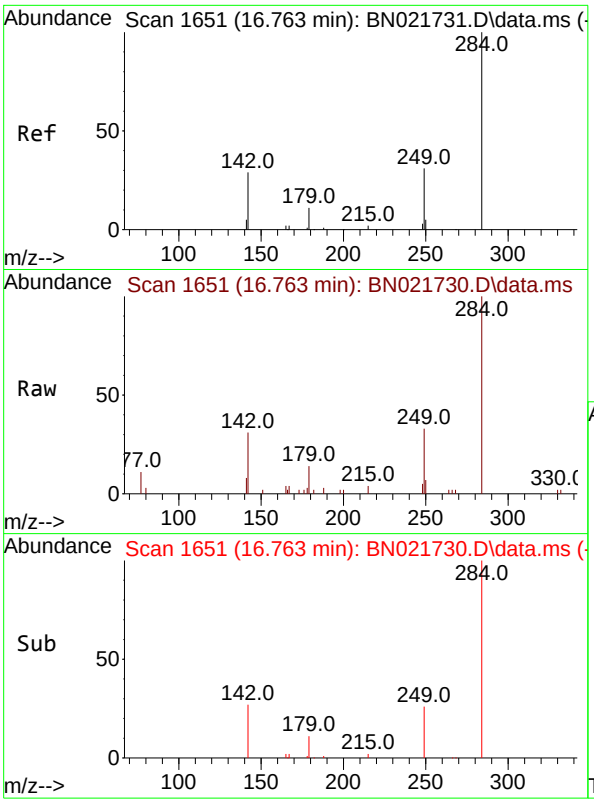


#21
4-Bromophenyl-phenylether
Concen: 0.247 ng
RT: 16.647 min Scan# 1641
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:248 Resp: 3501

Ion	Ratio	Lower	Upper
248	100		
250	97.3	77.8	116.8
141	60.6	49.0	73.4



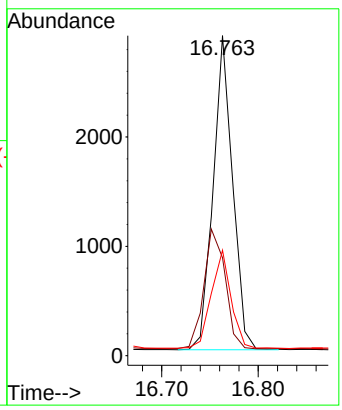


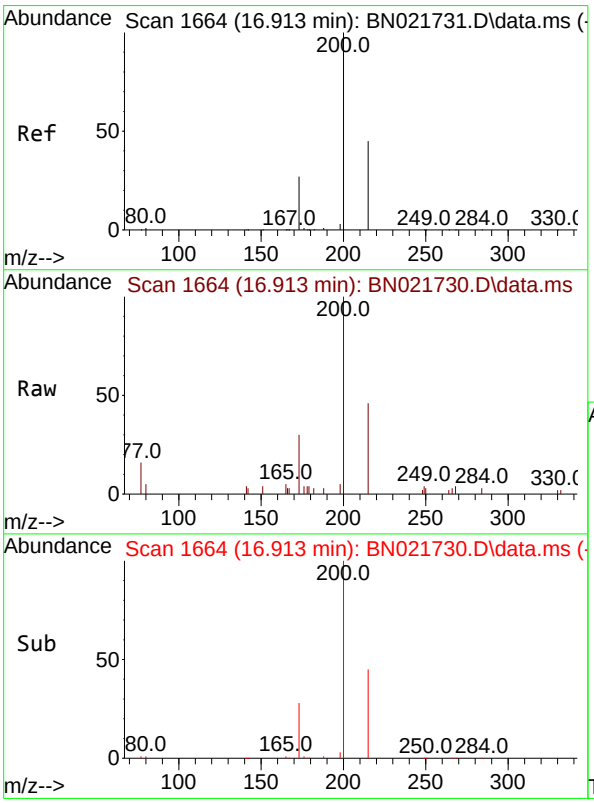
#22
Hexachlorobenzene
Concen: 0.233 ng
RT: 16.763 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:284 Resp: 4039

Ion	Ratio	Lower	Upper
284	100		
142	41.6	33.4	50.2
249	31.5	25.1	37.7

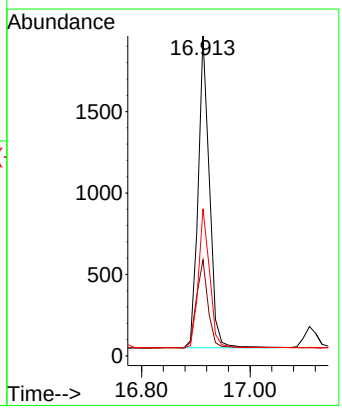


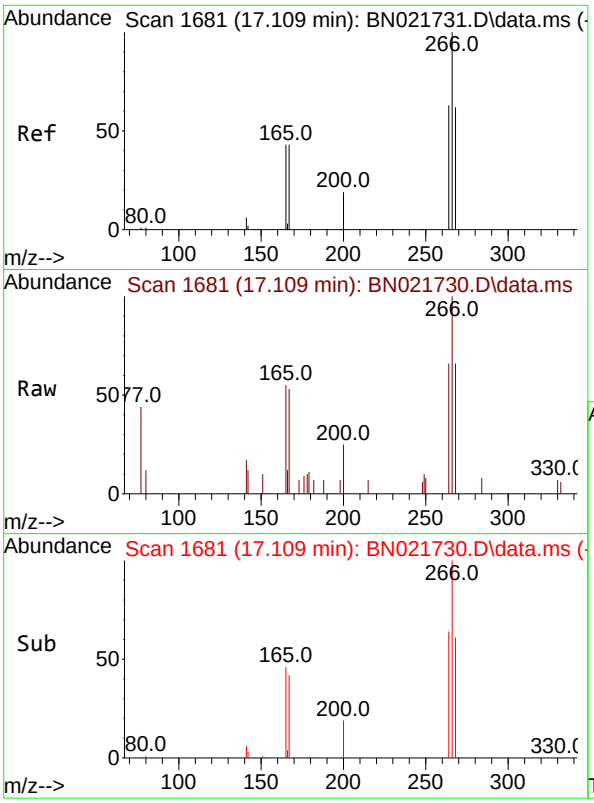


#23
Atrazine
Concen: 0.334 ng
RT: 16.913 min Scan# 1664
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:200 Resp: 2759

Ion	Ratio	Lower	Upper
200	100		
173	30.0	22.9	34.3
215	46.0	36.9	55.3



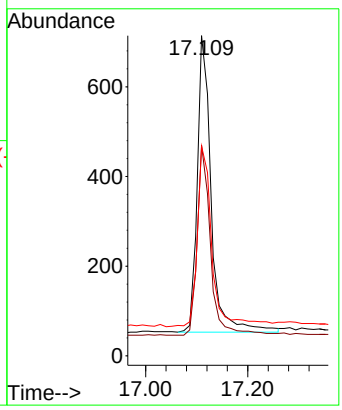


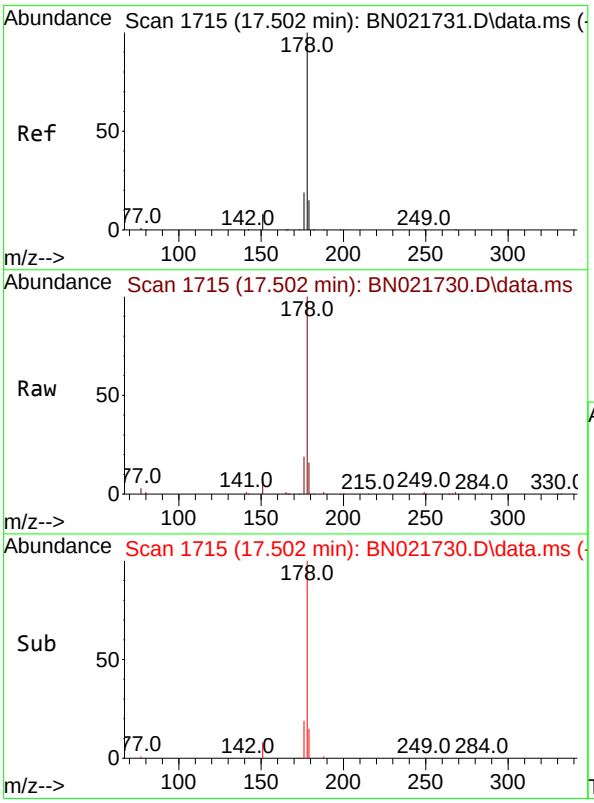
#24
Pentachlorophenol
Concen: 0.340 ng
RT: 17.109 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:266 Resp: 1252

Ion	Ratio	Lower	Upper
266	100		
264	61.3	50.0	75.0
268	63.6	50.2	75.2

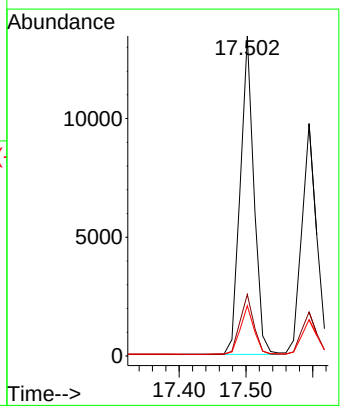


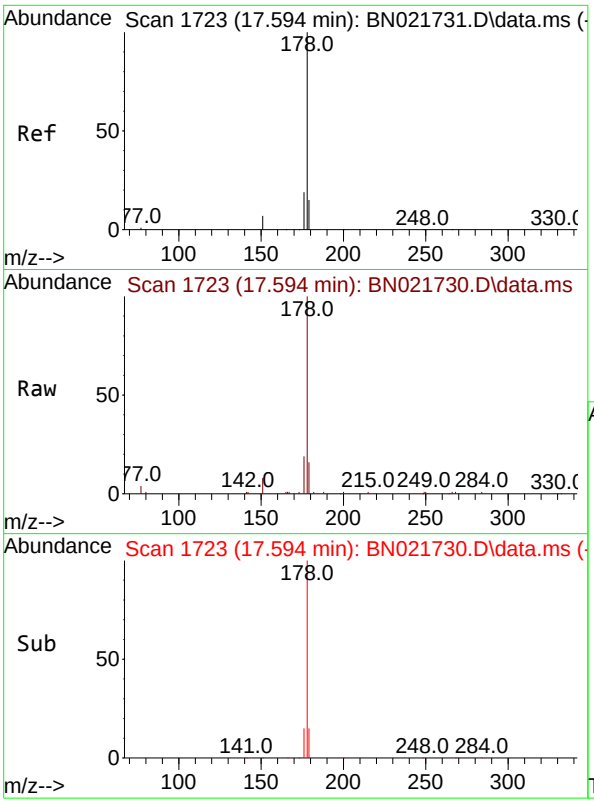


#25
Phenanthrene
Concen: 0.245 ng
RT: 17.502 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:178 Resp: 19143

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.3	12.2	18.4



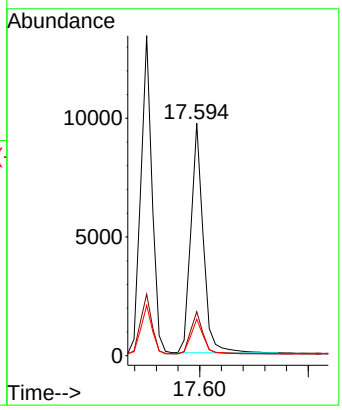


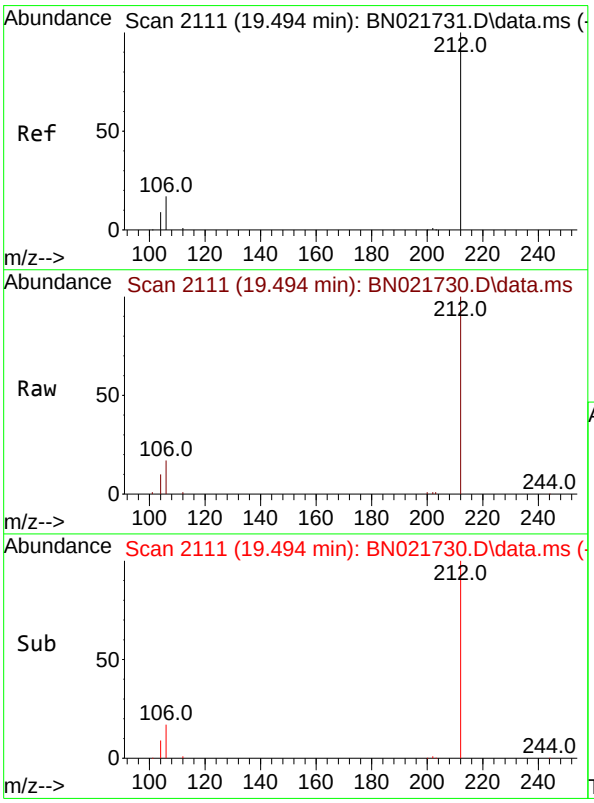
#26
Anthracene
Concen: 0.248 ng
RT: 17.594 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:178 Resp: 15355

Ion	Ratio	Lower	Upper
178	100		
176	18.6	15.0	22.6
179	15.1	12.2	18.2

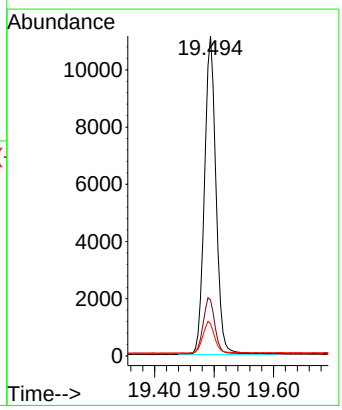


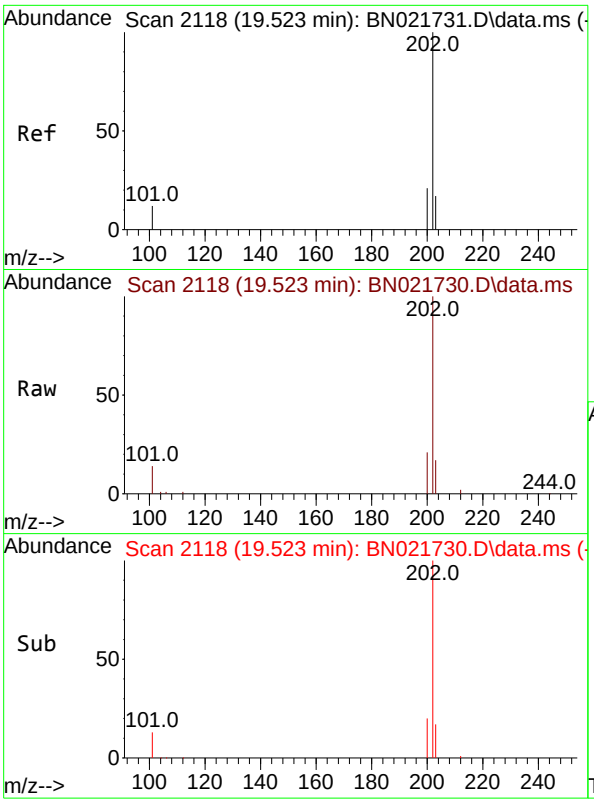


#27
Fluoranthene-d10
Concen: 0.258 ng
RT: 19.494 min Scan# 2111
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:212 Resp: 14989

Ion	Ratio	Lower	Upper
212	100		
106	17.9	14.3	21.5
104	9.9	8.0	12.0



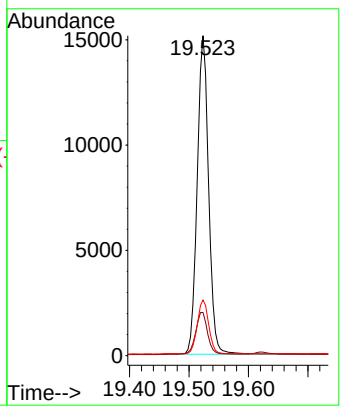


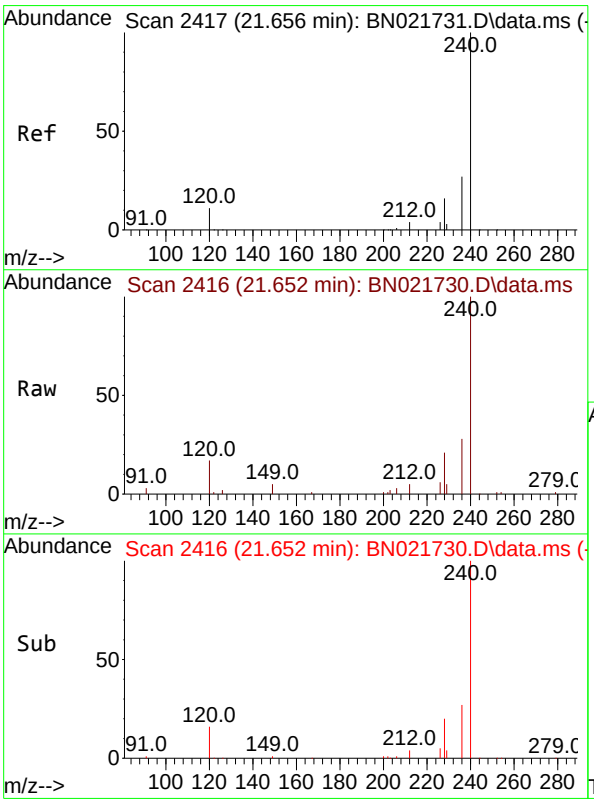
#28
Fluoranthene
Concen: 0.248 ng
RT: 19.523 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 20104

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.0	16.4
203	17.0	13.7	20.5

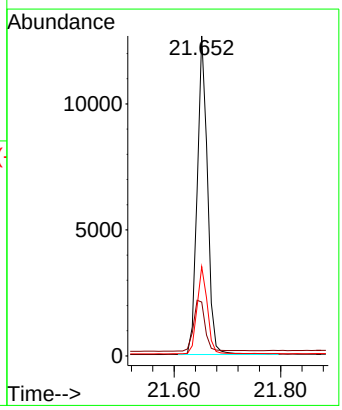


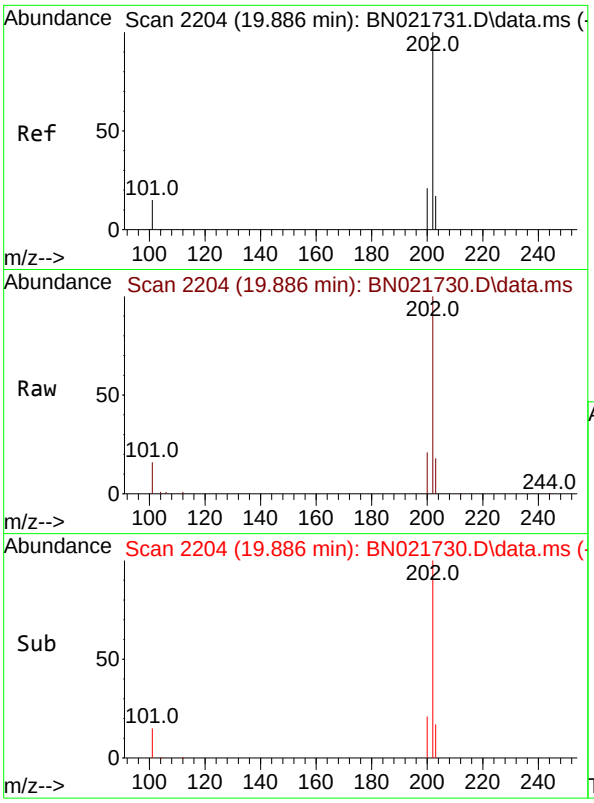


#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.652 min Scan# 2416
Delta R.T. -0.004 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:240 Resp: 16954

Ion	Ratio	Lower	Upper
240	100		
120	16.9	9.8	14.8#
236	27.9	22.2	33.4



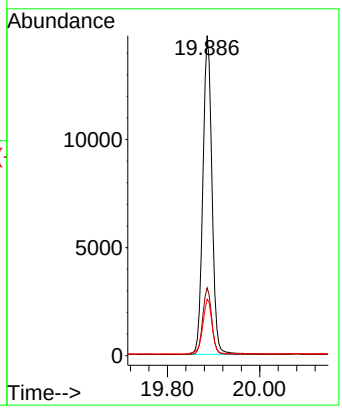


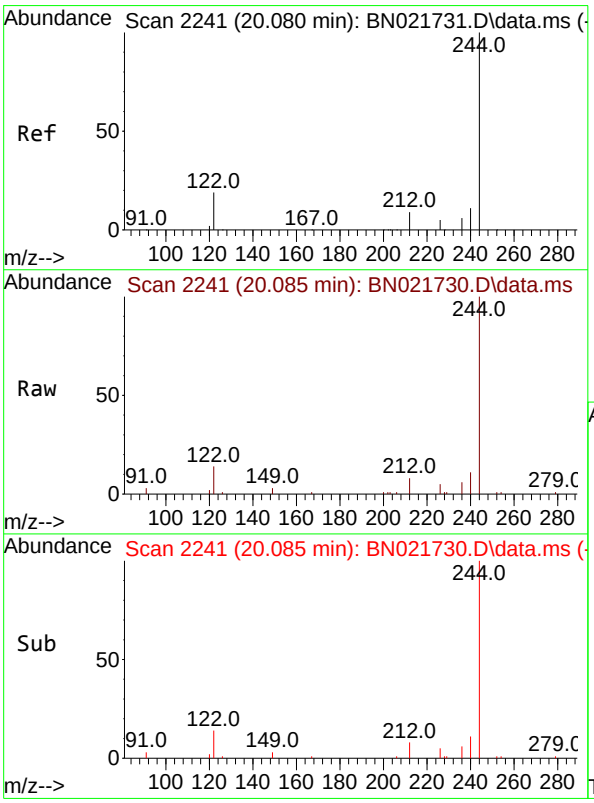
#30
Pyrene
Concen: 0.244 ng
RT: 19.886 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:202 Resp: 22065

Ion	Ratio	Lower	Upper
202	100		
200	19.0	15.0	22.4
203	16.2	12.8	19.2

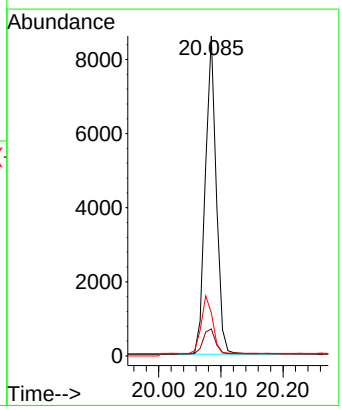


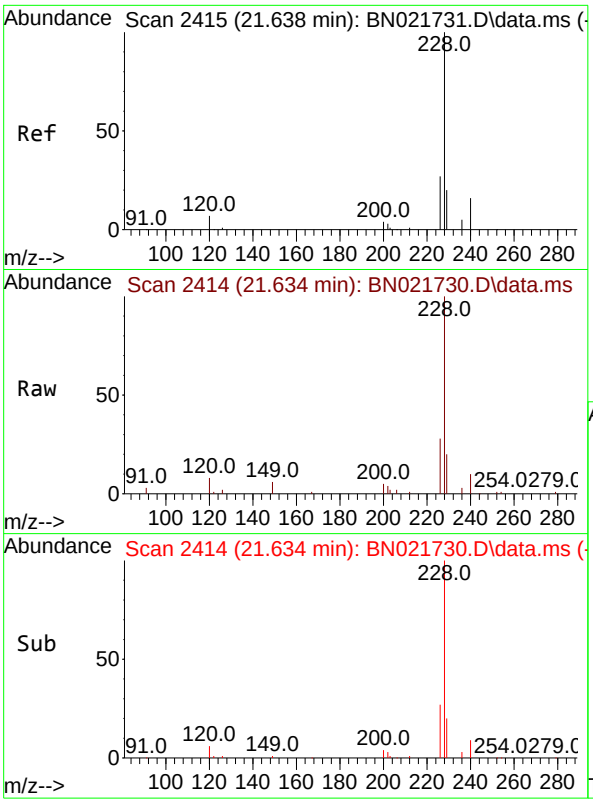


#31
Terphenyl-d14
Concen: 0.275 ng
RT: 20.085 min Scan# 2241
Delta R.T. 0.005 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:244 Resp: 10472

Ion	Ratio	Lower	Upper
244	100		
212	8.4	7.9	11.9
122	13.5	15.8	23.8#



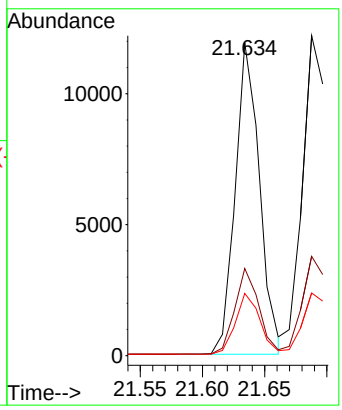


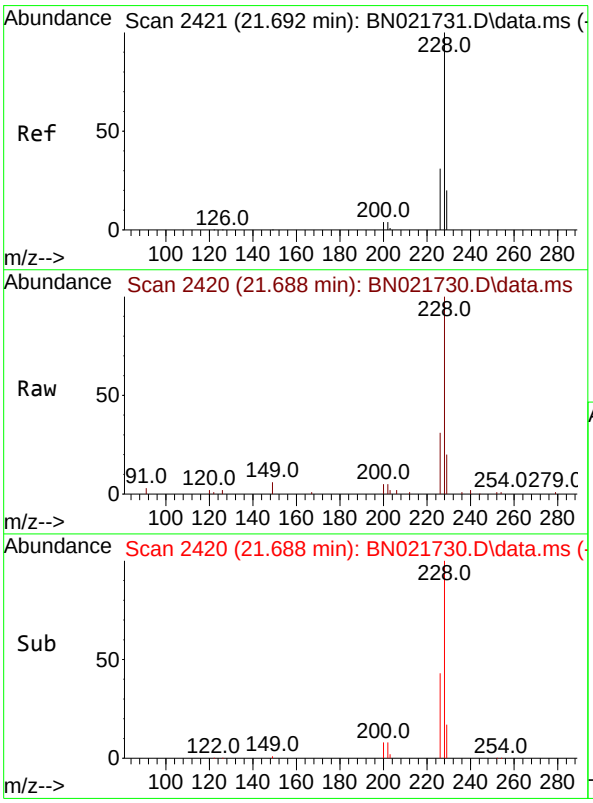
#32
Benzo(a)anthracene
Concen: 0.273 ng
RT: 21.634 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:228 Resp: 16097

Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.5	32.3
229	19.9	15.8	23.8

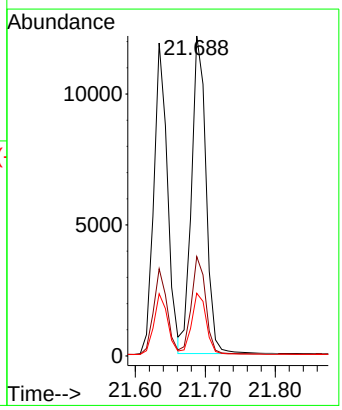


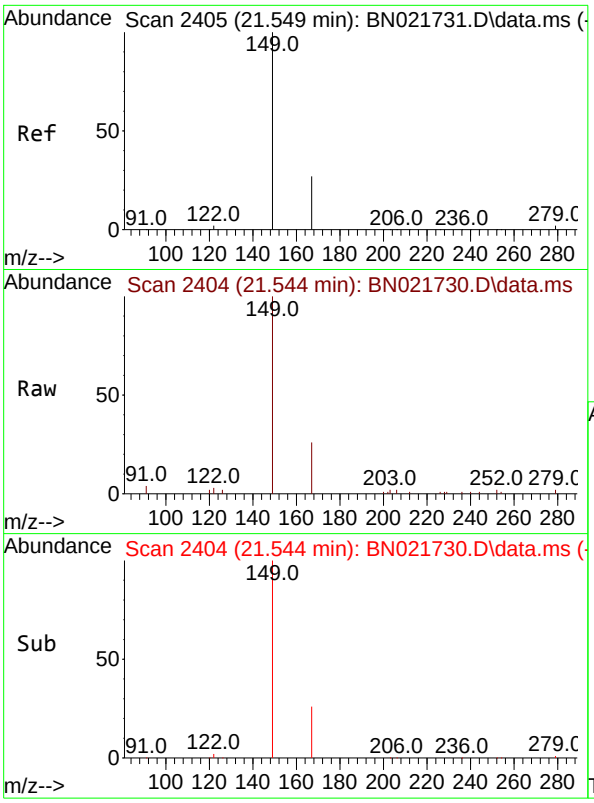


#33
Chrysene
Concen: 0.249 ng
RT: 21.688 min Scan# 2420
Delta R.T. -0.004 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:228 Resp: 17492

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	19.6	16.0	24.0



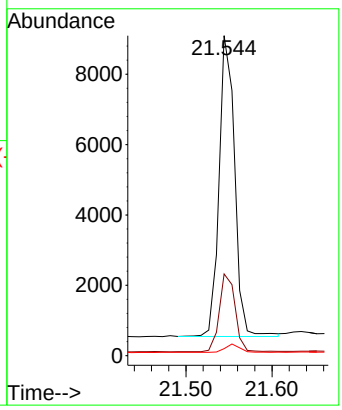


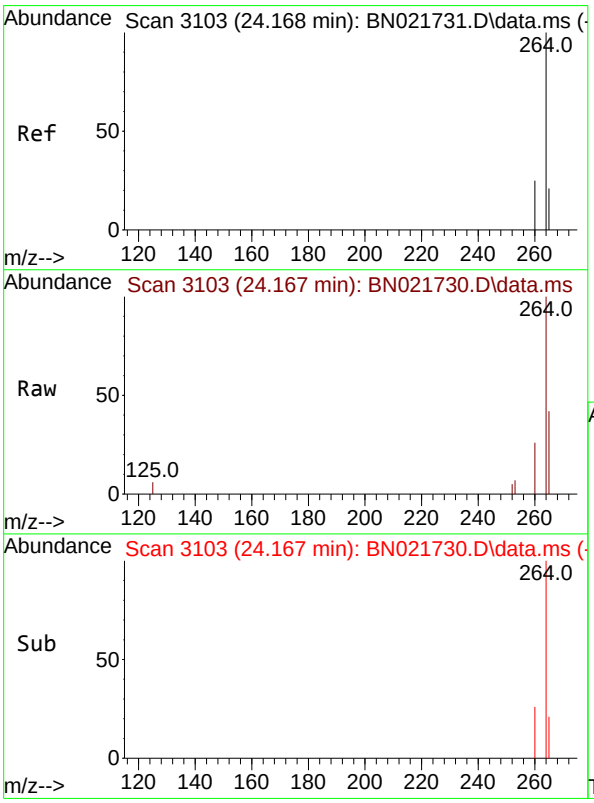
#34
Bis(2-ethylhexyl)phthalate
Concen: 0.449 ng
RT: 21.544 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:149 Resp: 10687

Ion	Ratio	Lower	Upper
149	100		
167	26.5	20.8	31.2
279	2.6	2.1	3.1

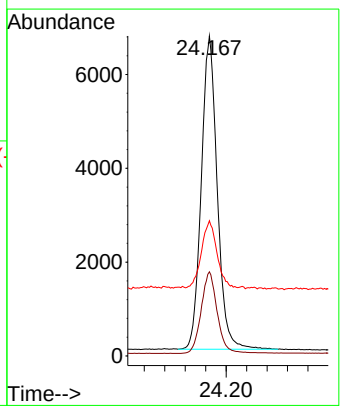


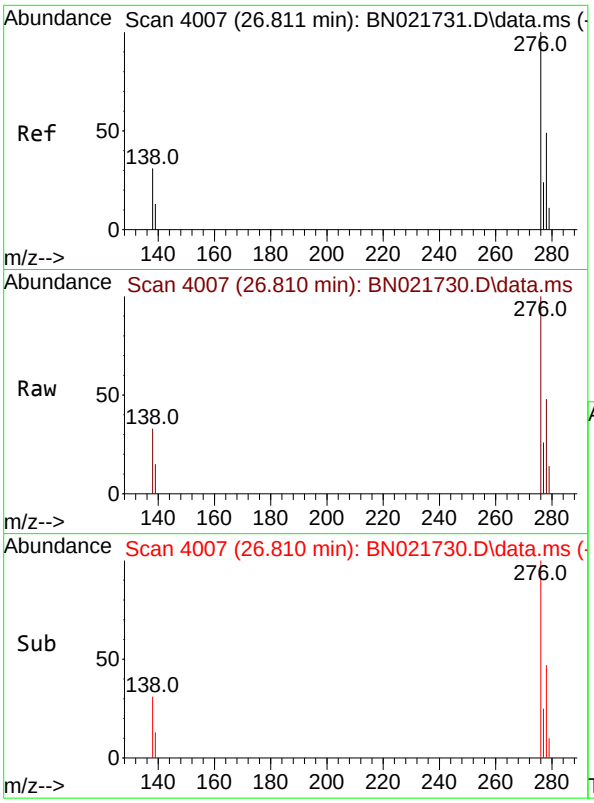


#35
Perylene-d12
Concen: 0.400 ng
RT: 24.167 min Scan# 3103
Delta R.T. -0.001 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:264 Resp: 14464

Ion	Ratio	Lower	Upper
264	100		
260	26.3	20.6	31.0
265	42.2	34.4	51.6



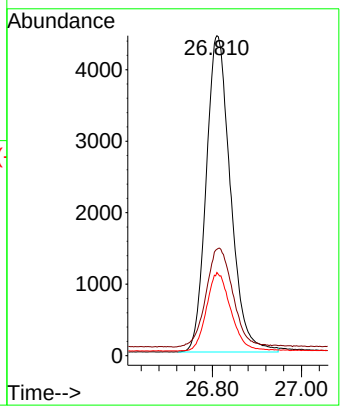


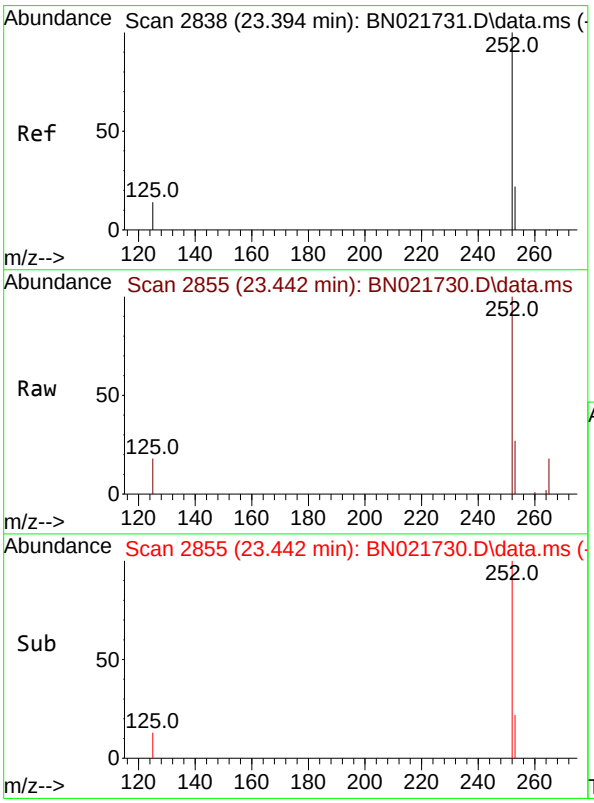
#36
Indeno(1,2,3-cd)pyrene
Concen: 0.256 ng
RT: 26.810 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:276 Resp: 16727

Ion	Ratio	Lower	Upper
276	100		
138	34.2	27.4	41.0
277	24.8	19.8	29.6

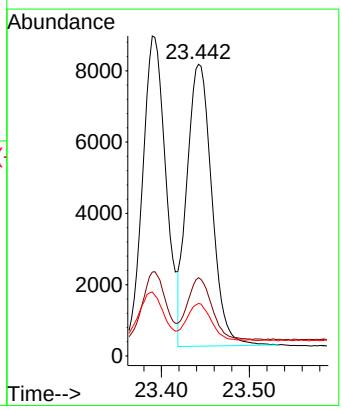


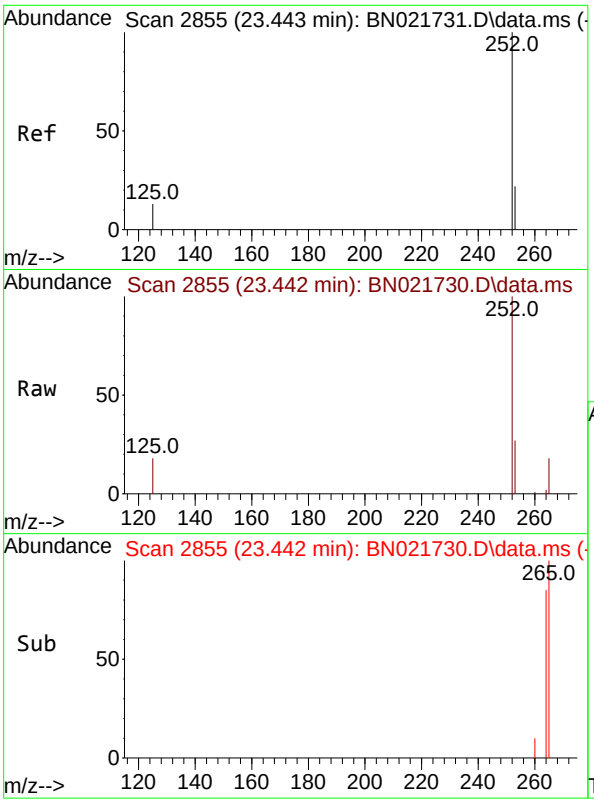


#37
Benzo(b)fluoranthene
Concen: 0.218 ng
RT: 23.442 min Scan# 2855
Delta R.T. 0.048 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:252 Resp: 15532

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.6	29.4
125	18.0	13.0	19.4



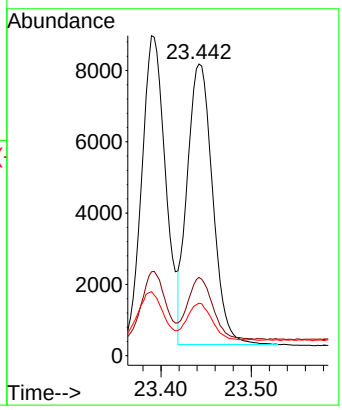


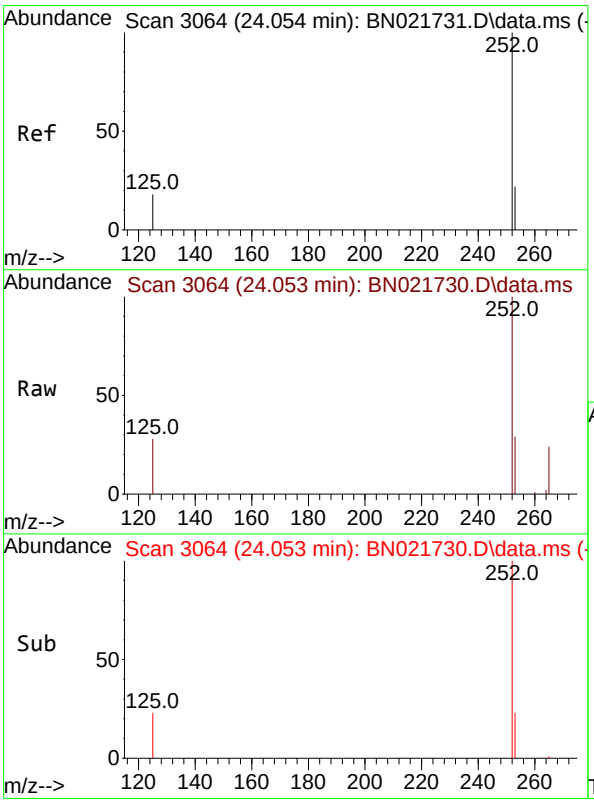
#38
Benzo(k)fluoranthene
Concen: 0.214 ng
RT: 23.442 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:252 Resp: 15346

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.4	29.2
125	18.0	12.6	18.8

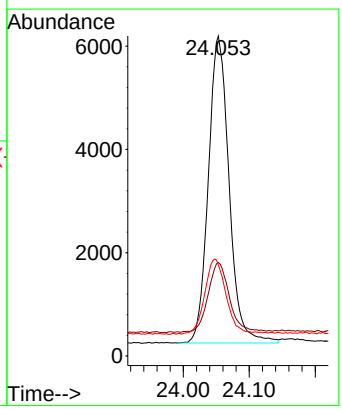


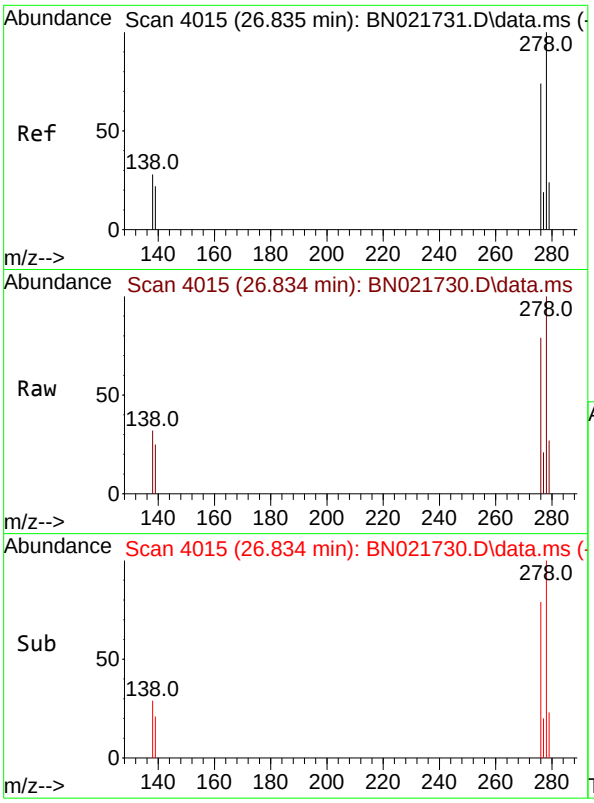


#39
Benzo(a)pyrene
Concen: 0.261 ng
RT: 24.053 min Scan# 3064
Delta R.T. -0.001 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:252 Resp: 12998

Ion	Ratio	Lower	Upper
252	100		
253	29.2	20.8	31.2
125	28.5	17.4	26.0#



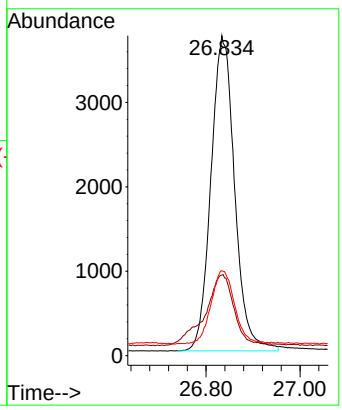


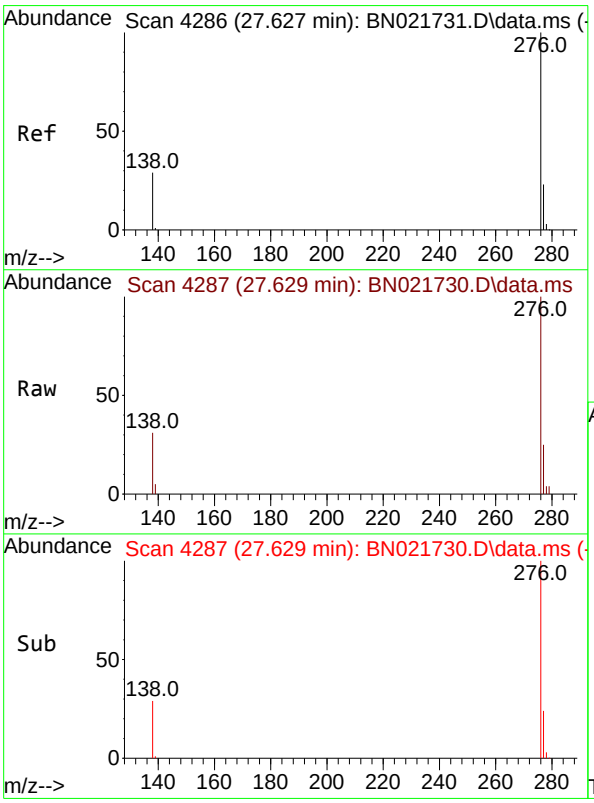
#40
Dibenzo(a,h)anthracene
Concen: 0.249 ng
RT: 26.834 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Tgt Ion:278 Resp: 13081

Ion	Ratio	Lower	Upper
278	100		
139	25.1	19.2	28.8
279	26.6	20.5	30.7





#41
Benzo(g,h,i)perylene
Concen: 0.236 ng
RT: 27.629 min Scan# 4287
Delta R.T. 0.002 min
Lab File: BN021730.D
Acq: 13 Sep 2022 18:07

Tgt Ion:276 Resp: 13602

Ion	Ratio	Lower	Upper
276	100		
277	25.3	19.2	28.8
138	31.4	24.2	36.2