Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
Data File : BN010704.D
Acq On : 13 May 2020 11:57
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.8

Quant Time: May 13 13:26:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	3353	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	12757	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	7810	0.40	ng		0.00
19) Phenanthrene-d10	16.95	188	16347	0.40	ng		0.00
27) Chrysene-d12	21.15	240	13729	0.40	ng		0.00
34) Perylene-d12	23.32	264	12813	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	4968	0.68	ng		0.00
5) Phenol-d6	6.77	99	6051	0.63	ng		0.00
8) Nitrobenzene-d5	8.71	82	6843	0.77	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	16020	0.76	ng		0.00
14) 2,4,6-Tribromophenol	15.71	330	2083	0.57	ng		0.00
15) 2-Fluorobiphenyl	12.82	172	22672	0.80	ng		0.00
25) Fluoranthene-d10	18.99	212	33111	0.67	ng		0.00
29) Terphenyl-d14	19.60	244	24867	0.79	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	2274	0.921	ng		99
3) n-Nitrosodimethylamine	3.55	42	1246	0.779	ng	#	97
6) bis(2-Chloroethyl)ether	7.02	93	6213	0.747	ng		95
9) Naphthalene	10.38	128	24613	0.777	ng		98
10) Hexachlorobutadiene	10.68	225	5661	0.741	ng	#	100
12) 2-Methylnaphthalene	12.00	142	17427	0.766	ng		98
16) Acenaphthylene	13.91	152	24016	0.712	ng		100
17) Acenaphthene	14.26	154	16462	0.759	ng		99
18) Fluorene	15.25	166	21410	0.754	ng		100
20) 4-Bromophenyl-phenylether	16.16	248	6895	0.759	ng	#	89
21) Hexachlorobenzene	16.26	284	8286	0.799	ng		100
22) Pentachlorophenol	16.61	266	2337	0.573	ng		99
23) Phenanthrene	16.99	178	33482	0.758	ng		100
24) Anthracene	17.08	178	27752	0.688	ng		99
26) Fluoranthene	19.02	202	37797	0.688	ng		99
28) Pyrene	19.38	202	36605	0.792	ng		100
30) Benzo(a)anthracene	21.14	228	29709	0.663	ng		99
31) Chrysene	21.19	228	34621	0.776	ng		98
32) Bis(2-ethylhexyl)phthalate	21.09	149	12499	0.544	ng		99
33) Indeno(1,2,3-cd)pyrene	25.46	276	31166	0.790	ng		99
35) Benzo(b)fluoranthene	22.72	252	34635	0.821	ng		93
36) Benzo(k)fluoranthene	22.72	252	34635	0.819	ng	#	93
37) Benzo(a)pyrene	23.22	252	27802	0.745	ng	#	88
38) Dibenzo(a,h)anthracene	25.47	278	23963	0.702	ng		93
39) Benzo(g,h,i)perylene	26.10	276	27183	0.791	ng		98

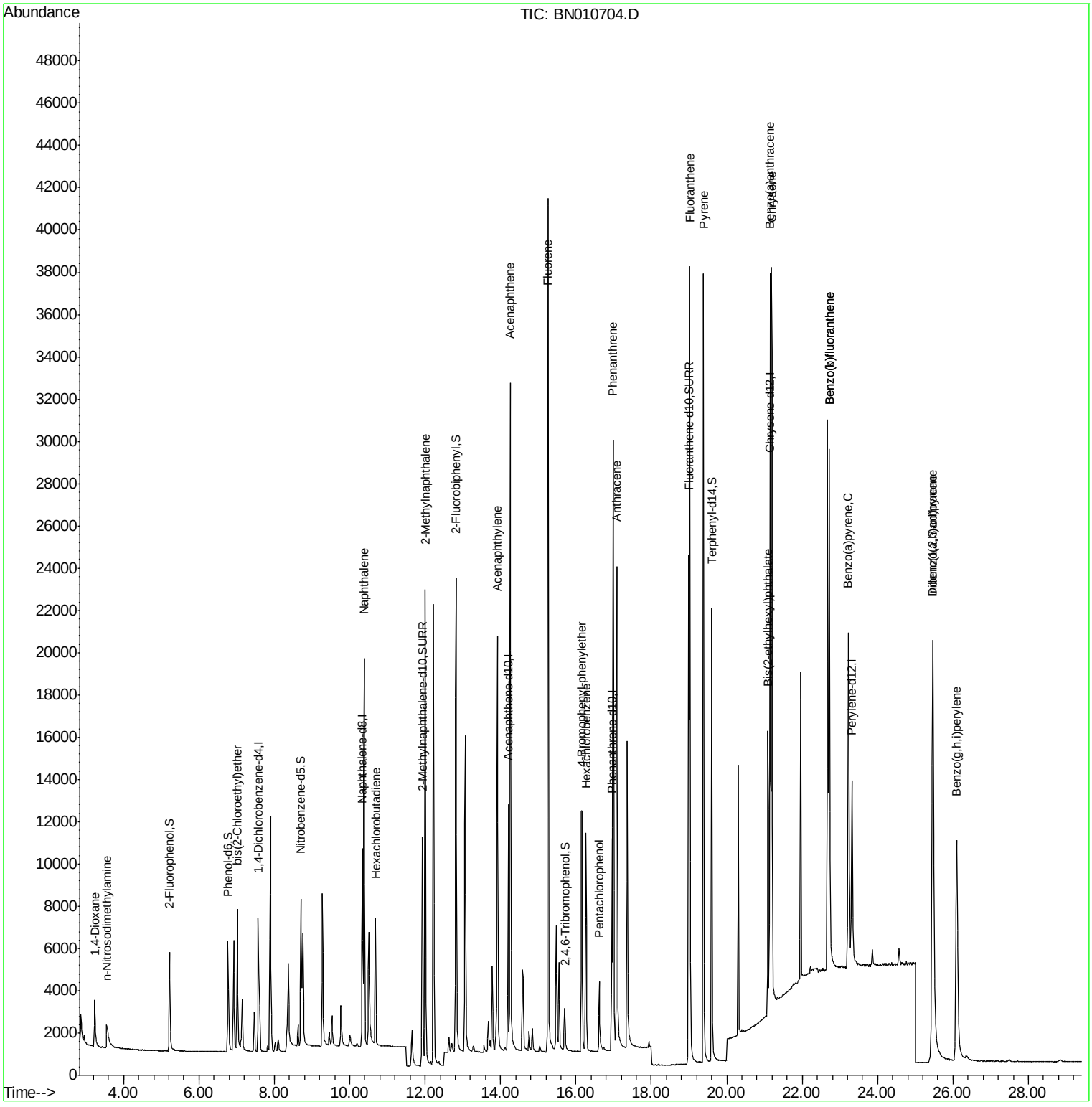
(#) = qualifier out of range (m) = manual integration (+) = signals summed

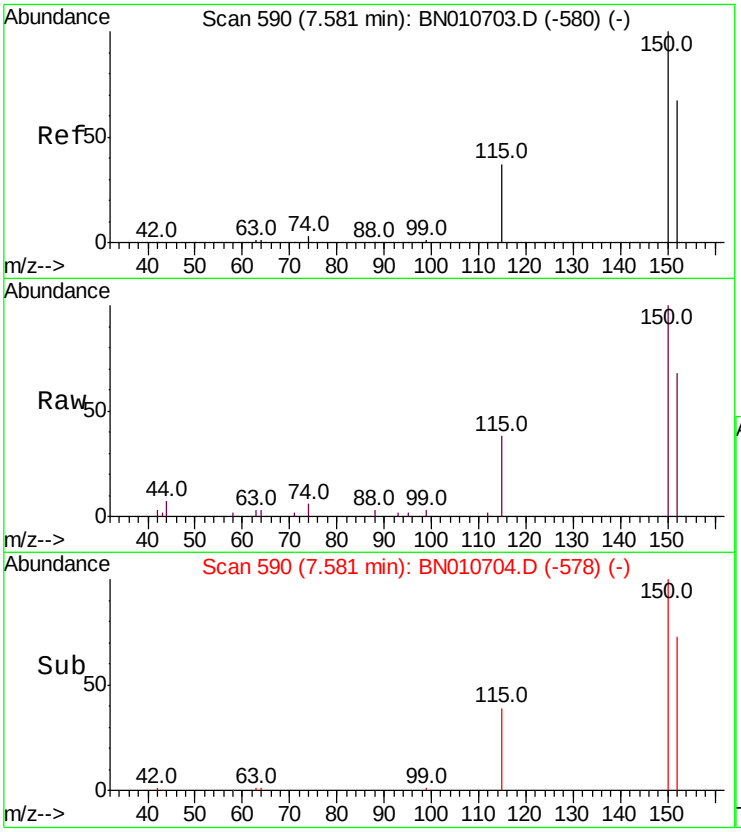
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
Data File : BN010704.D
Acq On : 13 May 2020 11:57
Operator : CG/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: May 13 13:26:03 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN051320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 13 13:23:01 2020
Response via : Initial Calibration



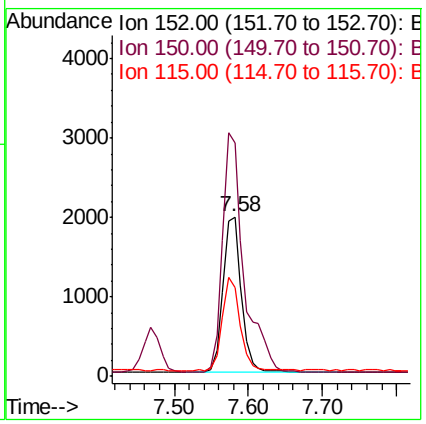


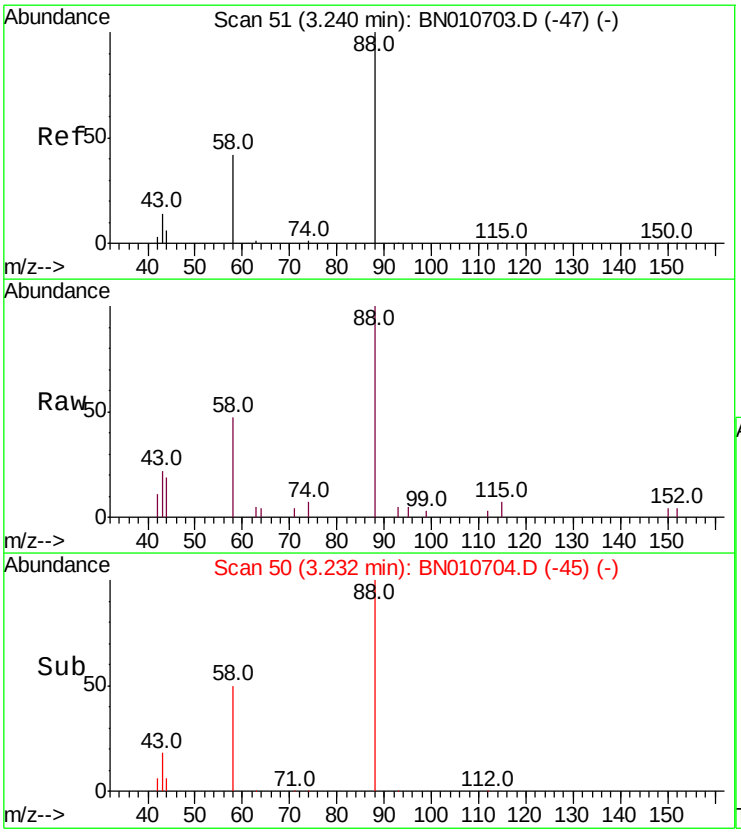
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.58 min Scan# 590
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 3353

Ion	Ratio	Lower	Upper
152	100		
150	146.6	119.4	179.0
115	55.8	45.9	68.9

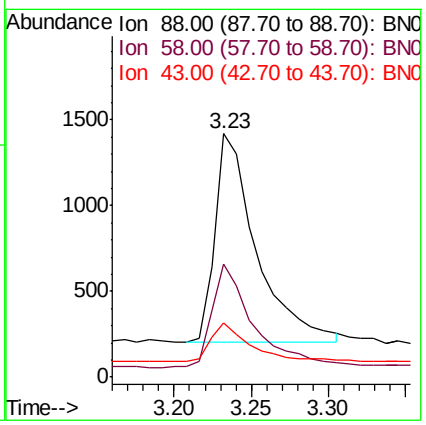


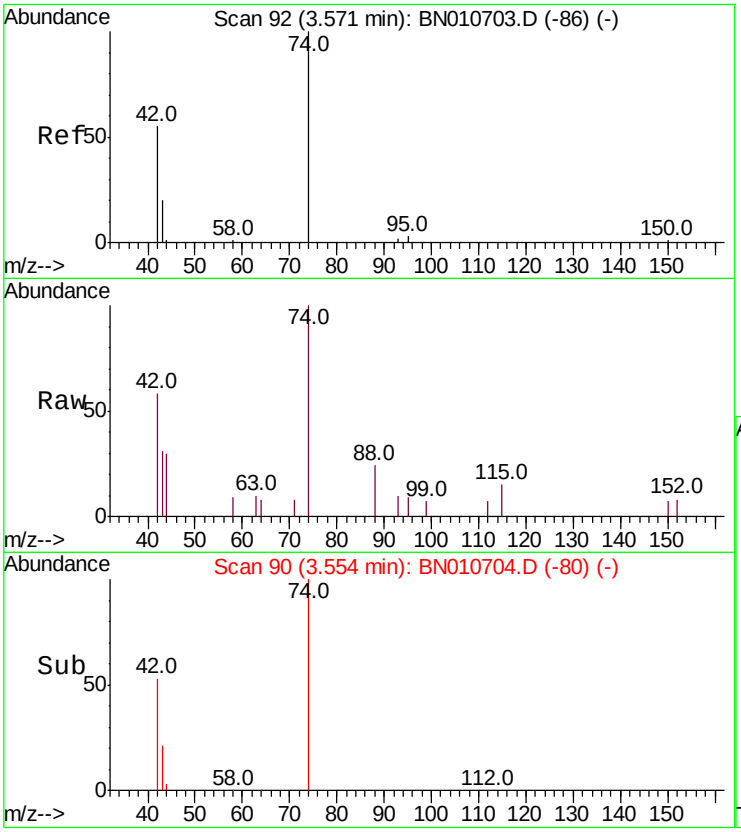


#2
1,4-Dioxane
Concen: 0.921 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion: 88 Resp: 2274

Ion	Ratio	Lower	Upper
88	100		
58	47.8	39.0	58.6
43	16.5	13.1	19.7



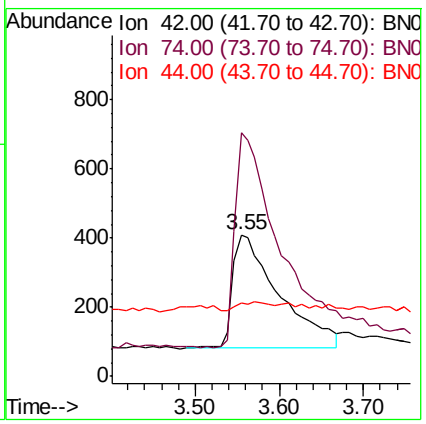


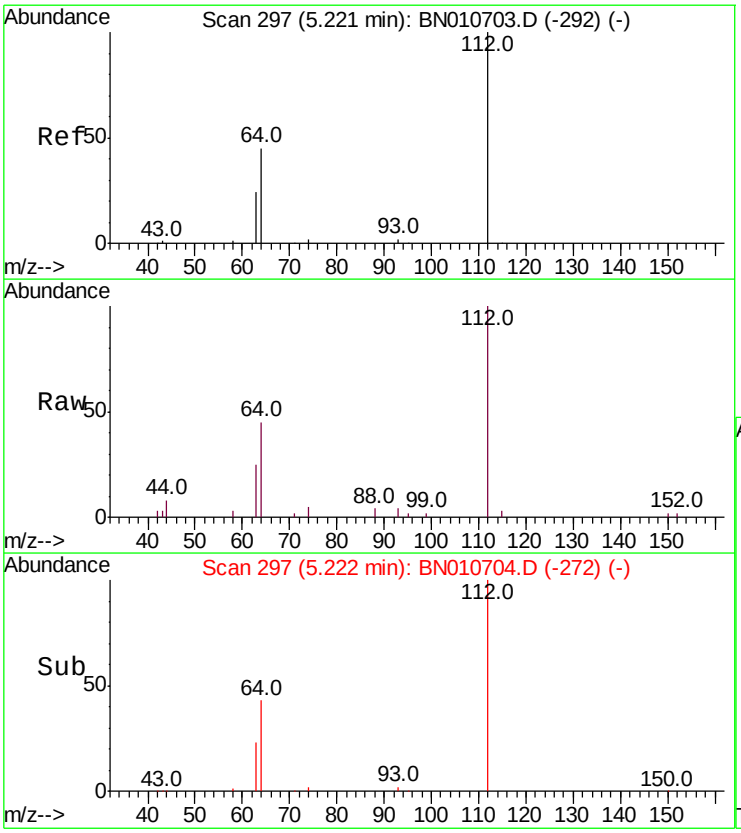
#3
n-Nitrosodimethylamine
Concen: 0.779 ng
RT: 3.55 min Scan# 90
Delta R.T. -0.02 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 42 Resp: 1246

Ion	Ratio	Lower	Upper
42	100		
74	186.6	146.2	219.2
44	5.7	3.0	4.4#

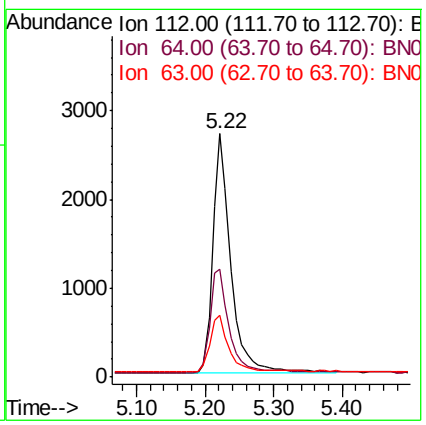


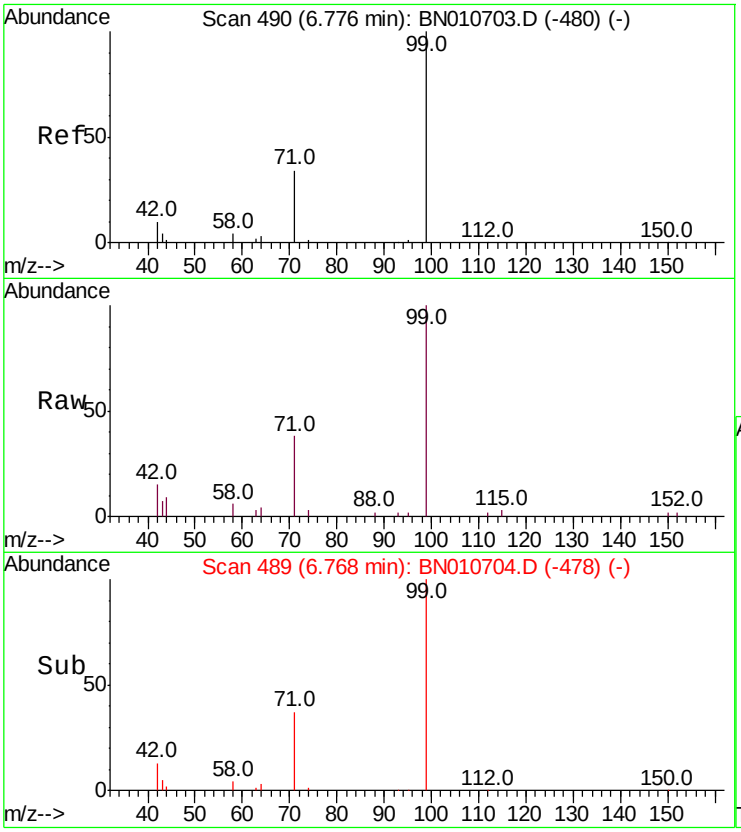


#4
2-Fluorophenol
Concen: 0.677 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:112 Resp: 4968

Ion	Ratio	Lower	Upper
112	100		
64	46.2	36.2	54.4
63	24.1	19.8	29.8



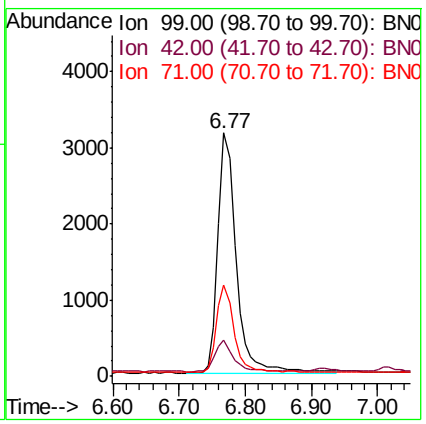


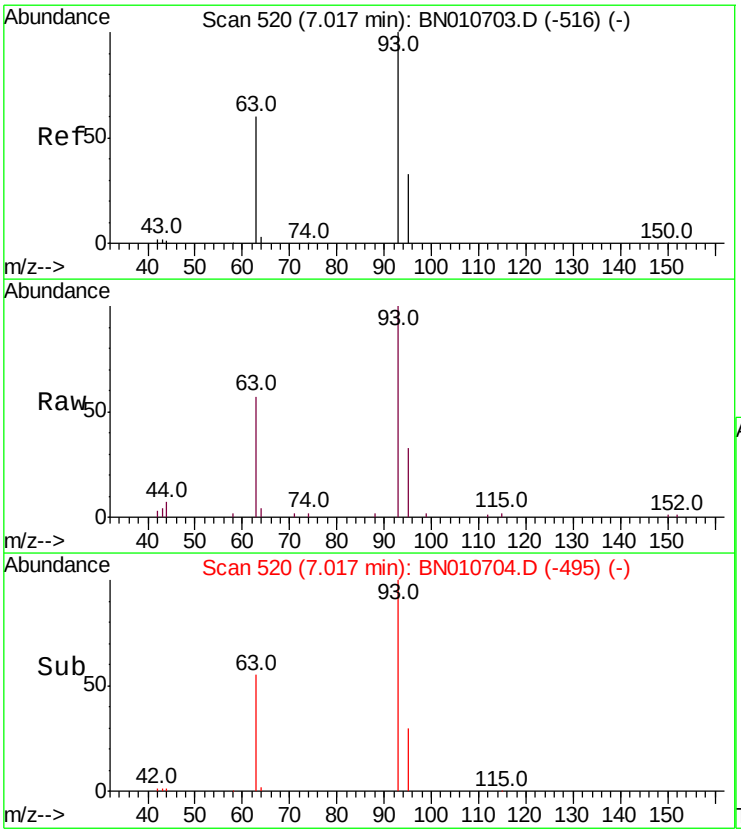
#5
Phenol-d6
Concen: 0.631 ng
RT: 6.77 min Scan# 489
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion: 99 Resp: 6051

Ion	Ratio	Lower	Upper
99	100		
42	13.4	9.8	14.8
71	35.0	28.6	42.8

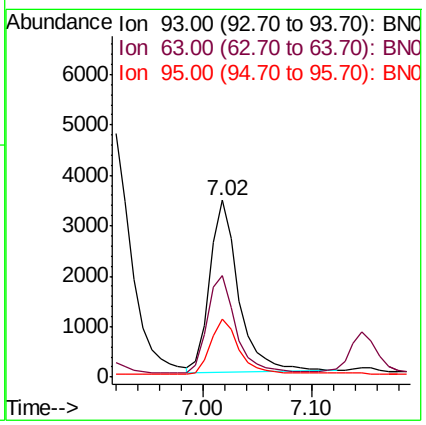


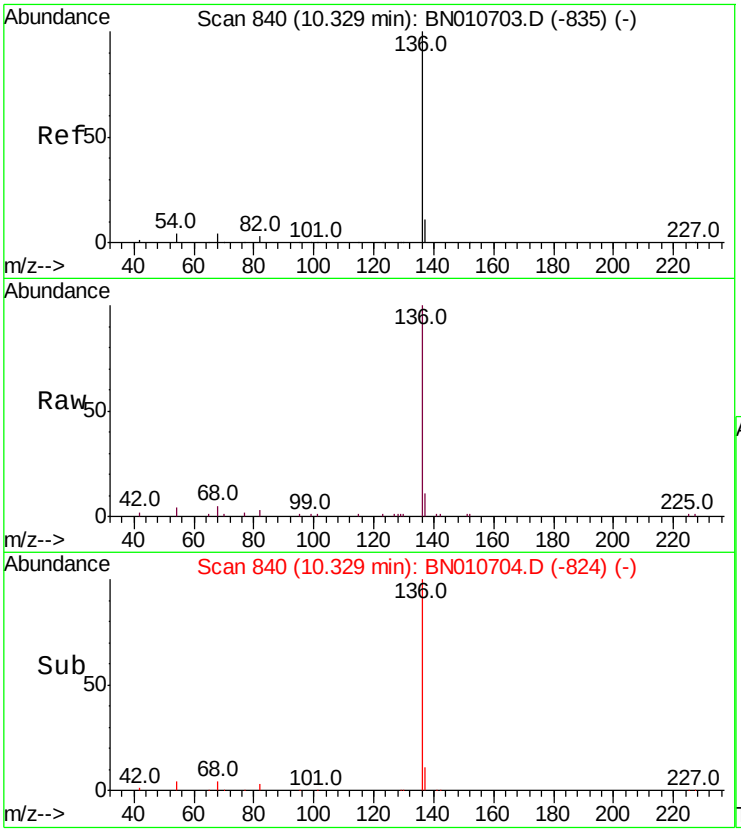


#6
bis(2-Chloroethyl)ether
Concen: 0.747 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion: 93 Resp: 6213

Ion	Ratio	Lower	Upper
93	100		
63	58.0	43.1	64.7
95	32.7	24.6	37.0



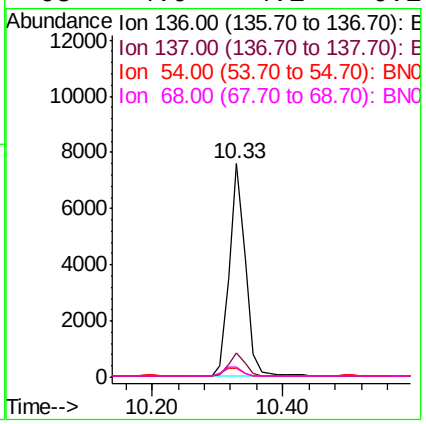


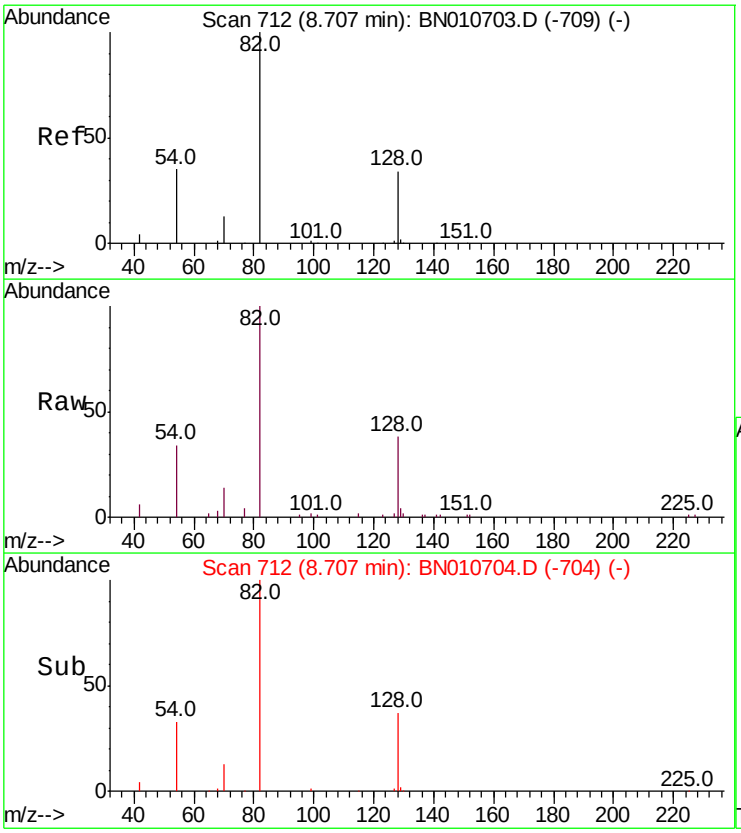
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:136 Resp: 12757

Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.2	13.8
54	4.2	3.6	5.4
68	4.9	4.1	6.1

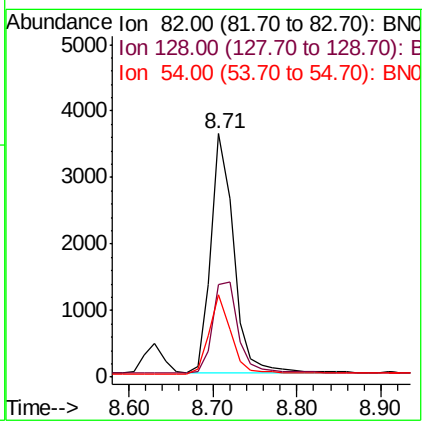


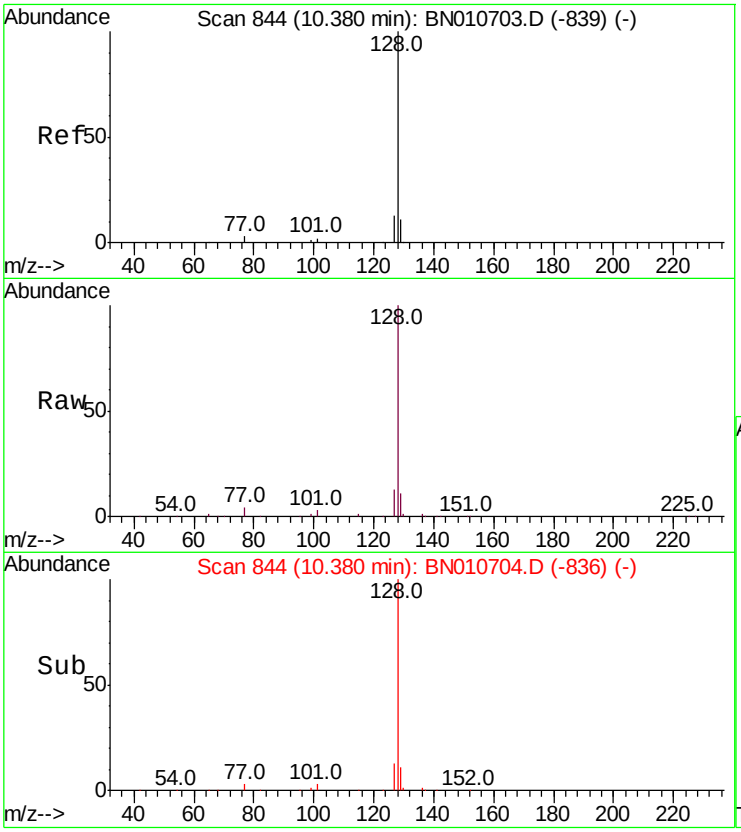


#8
Nitrobenzene-d5
Concen: 0.767 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion: 82 Resp: 6843

Ion	Ratio	Lower	Upper
82	100		
128	37.9	29.0	43.4
54	34.0	29.3	43.9



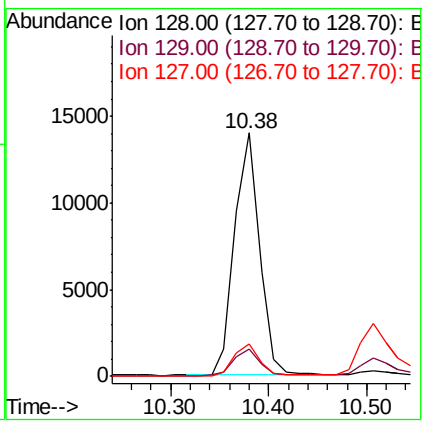


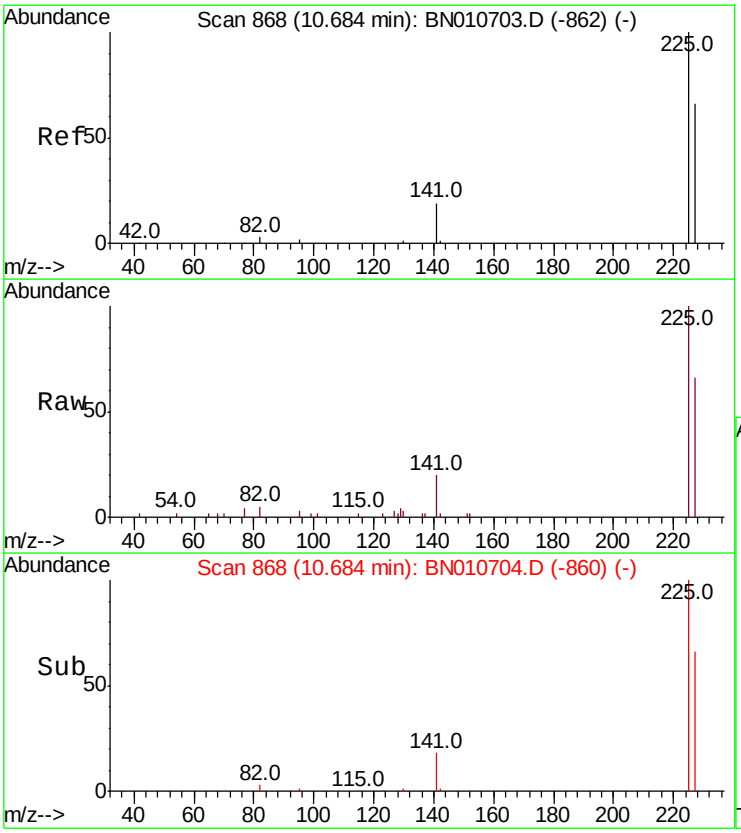
#9
Naphthalene
Concen: 0.777 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:128 Resp: 24613

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.3	13.9
127	13.1	11.0	16.6

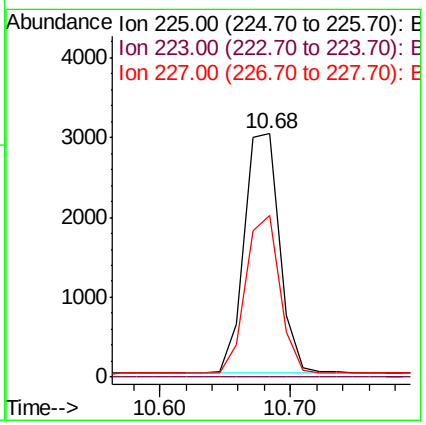


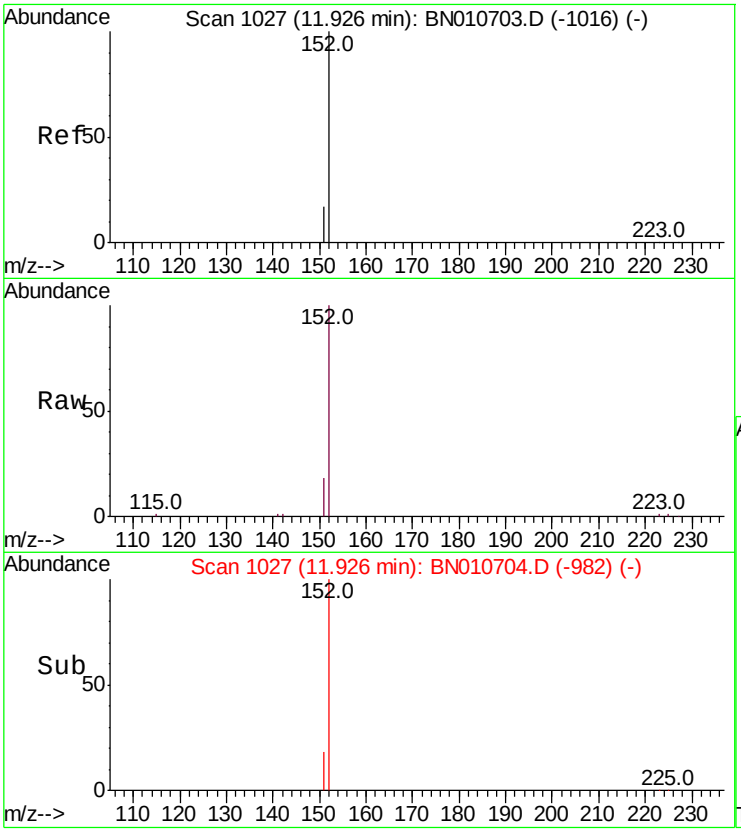


#10
Hexachlorobutadiene
Concen: 0.741 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:225 Resp: 5661

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.3	50.7	76.1



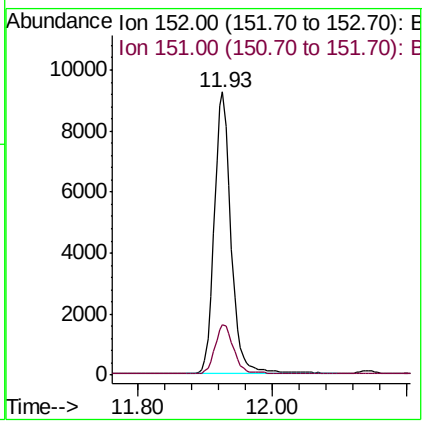


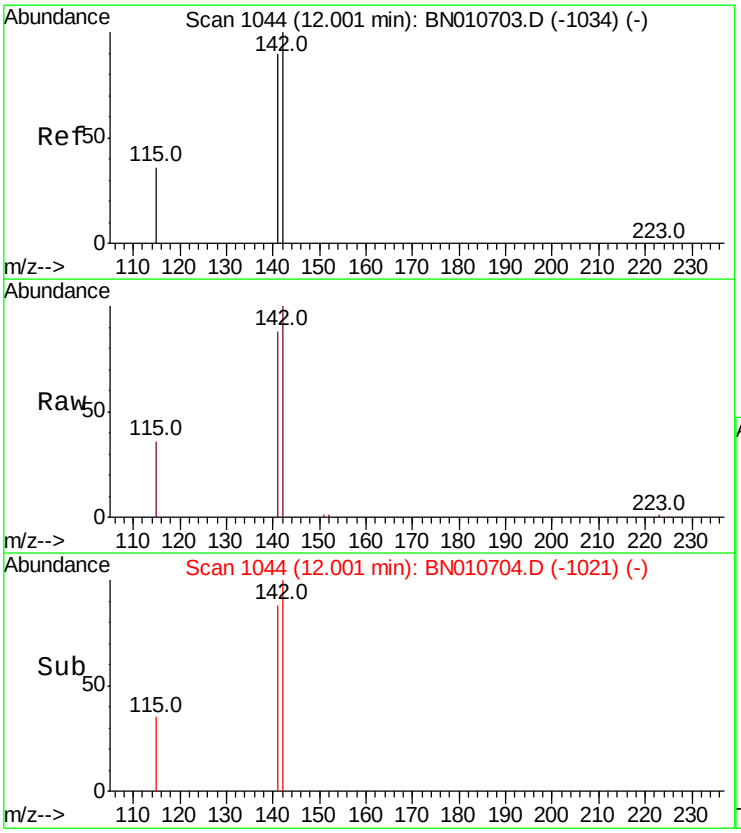
#11
2-Methylnaphthalene-d10
Concen: 0.764 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:152 Resp: 16020

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.6

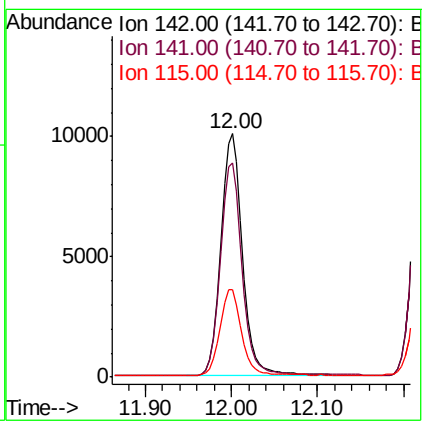


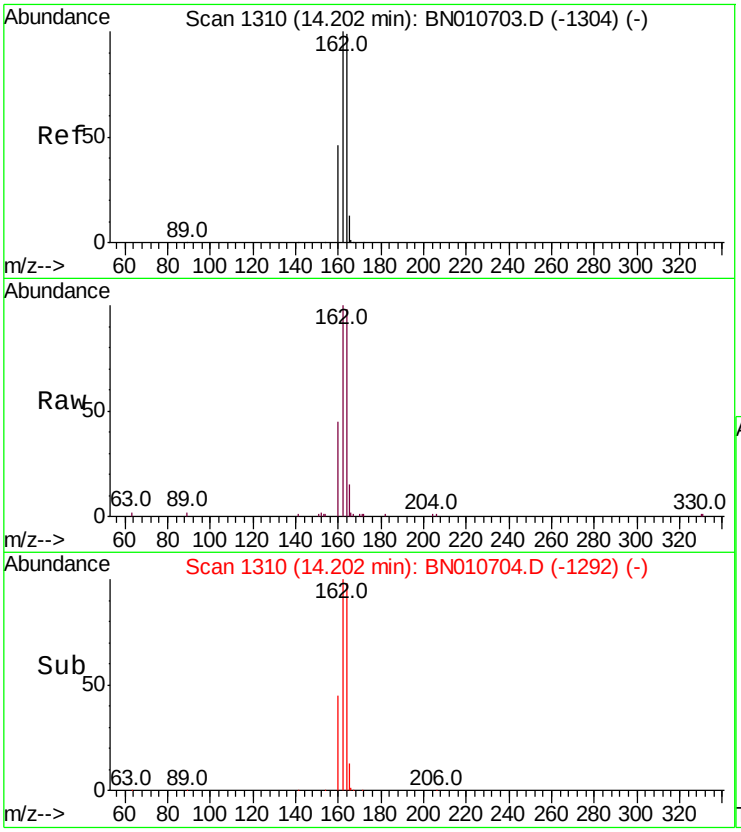


#12
2-Methylnaphthalene
Concen: 0.766 ng
RT: 12.00 min Scan# 1044
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:142 Resp: 17427

Ion	Ratio	Lower	Upper
142	100		
141	87.9	71.7	107.5
115	35.8	29.8	44.6



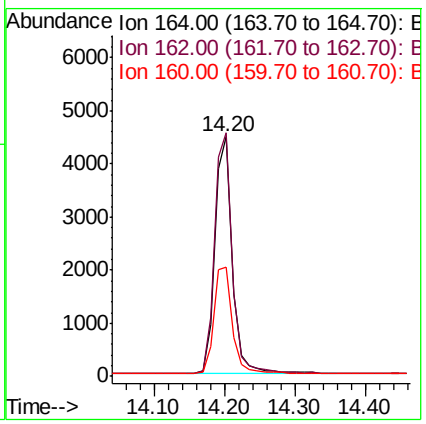


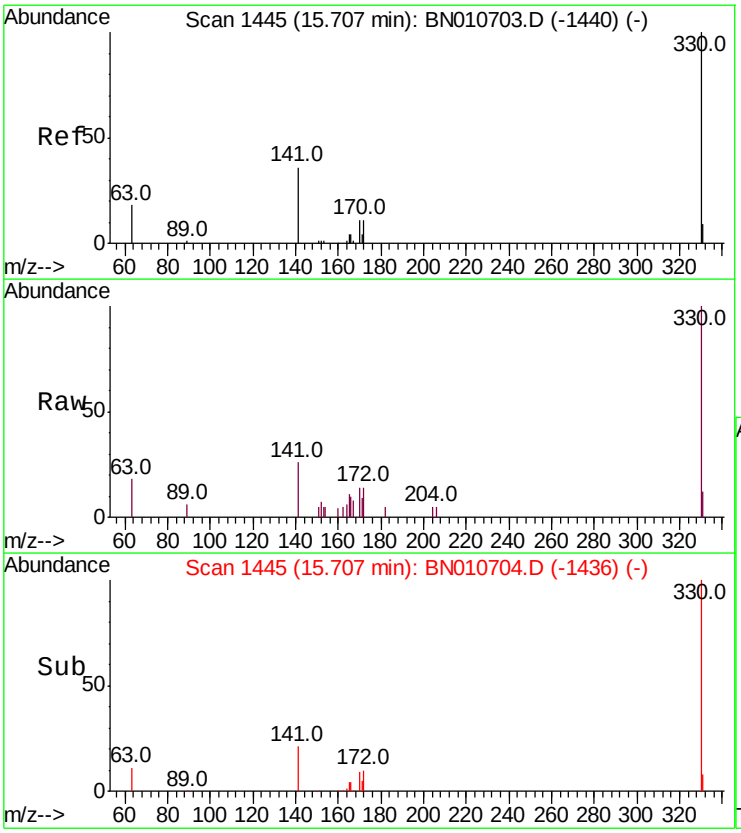
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:164 Resp: 7810

Ion	Ratio	Lower	Upper
164	100		
162	101.7	81.1	121.7
160	45.9	37.9	56.9

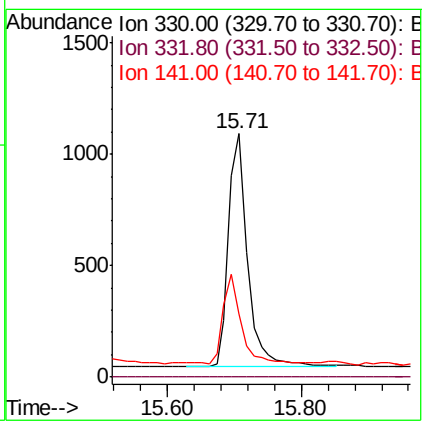


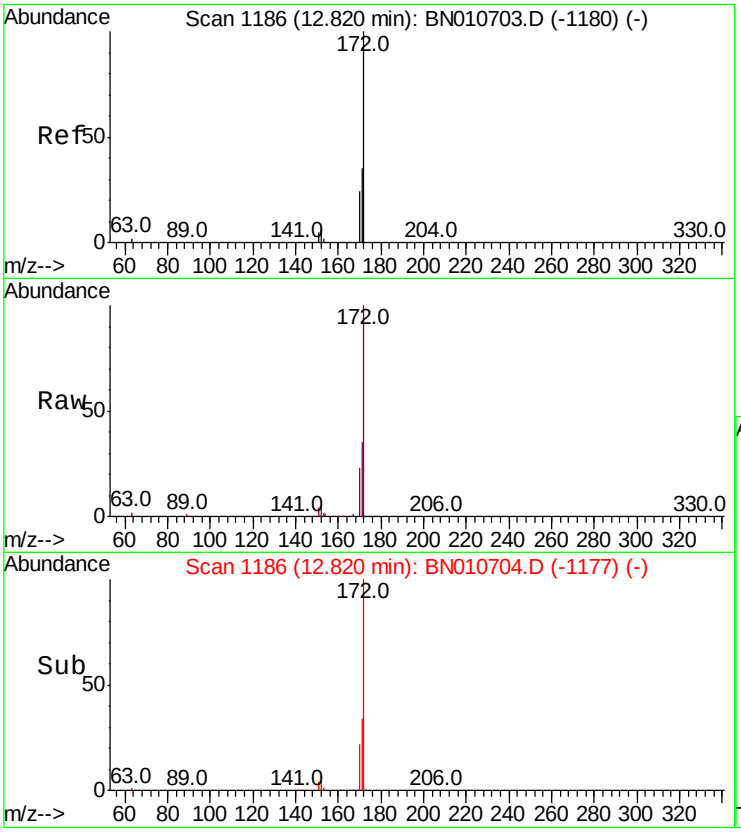


#14
2,4,6-Tribromophenol
Concen: 0.566 ng
RT: 15.71 min Scan# 1445
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:330 Resp: 2083

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.9	28.8	43.2



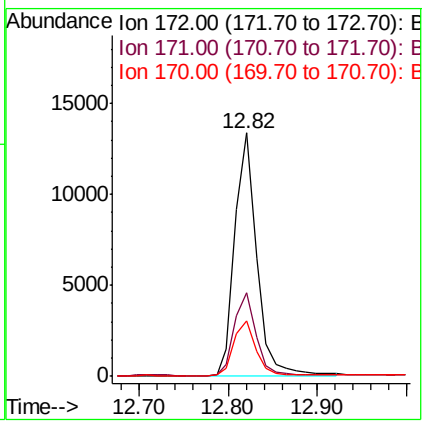


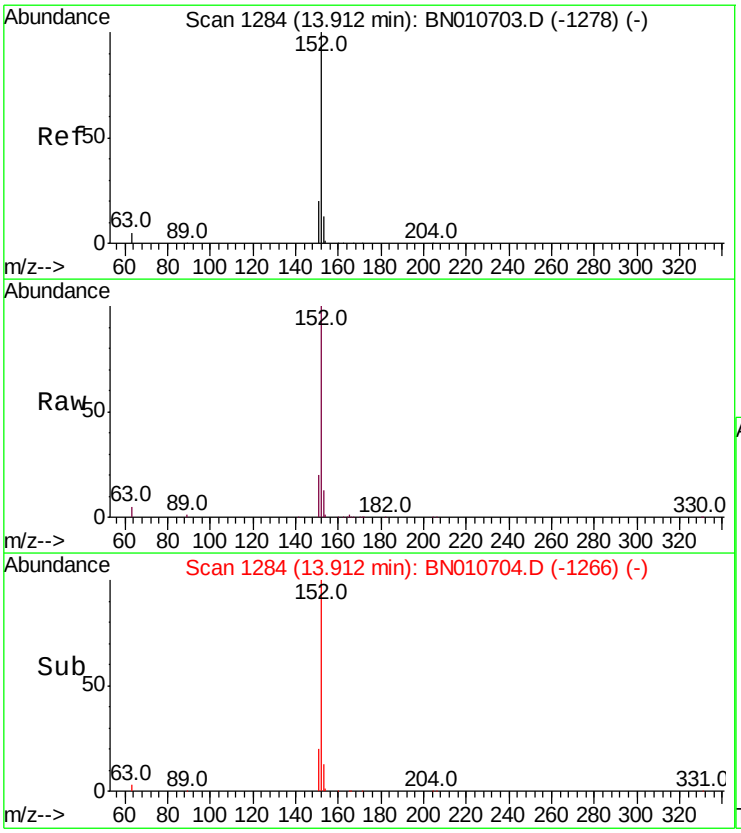
#15
2-Fluorobiphenyl
Concen: 0.798 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:172 Resp: 22672

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.6	42.8
170	22.5	19.8	29.8

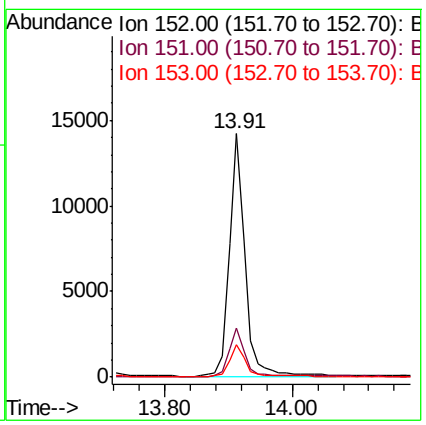


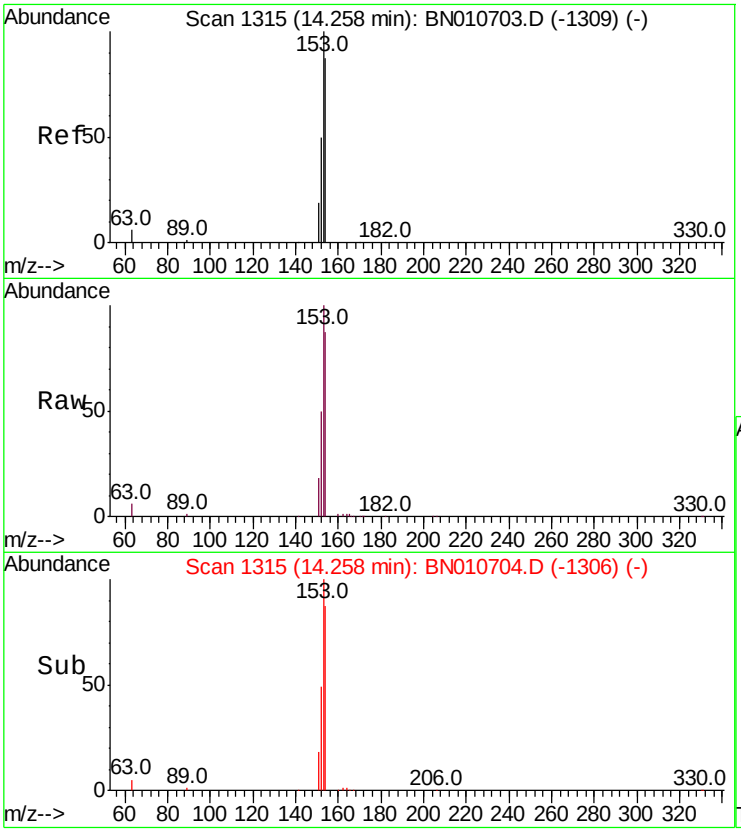


#16
Acenaphthylene
Concen: 0.712 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:152 Resp: 24016

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.1	10.4	15.6



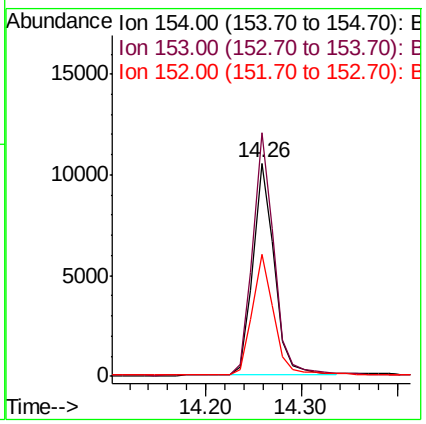


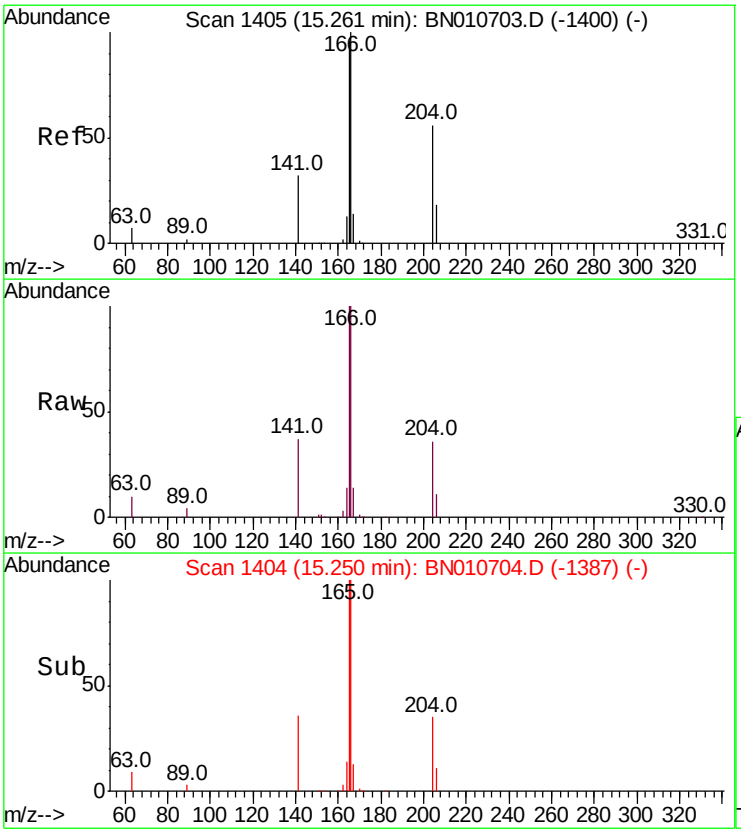
#17
Acenaphthene
Concen: 0.759 ng
RT: 14.26 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:154 Resp: 16462

Ion	Ratio	Lower	Upper
154	100		
153	115.2	91.5	137.3
152	57.2	45.6	68.4

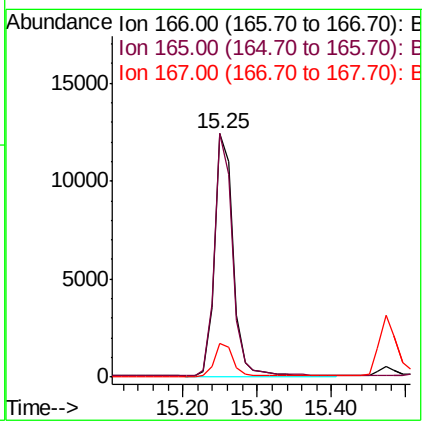


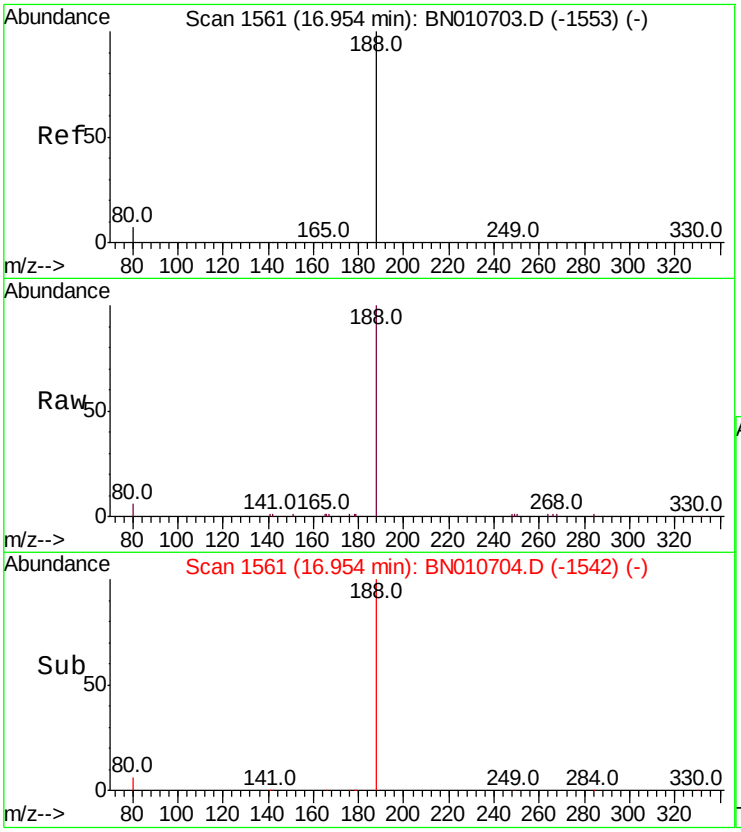


#18
Fluorene
Concen: 0.754 ng
RT: 15.25 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:166 Resp: 21410

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.9	116.9
167	13.6	11.0	16.4



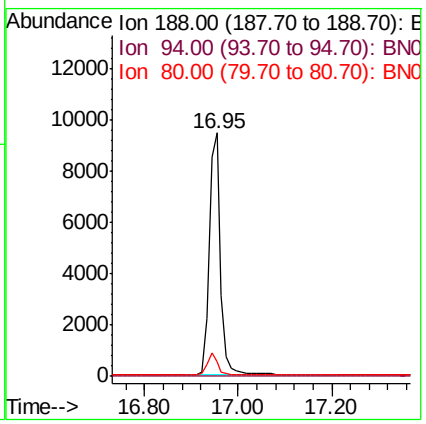


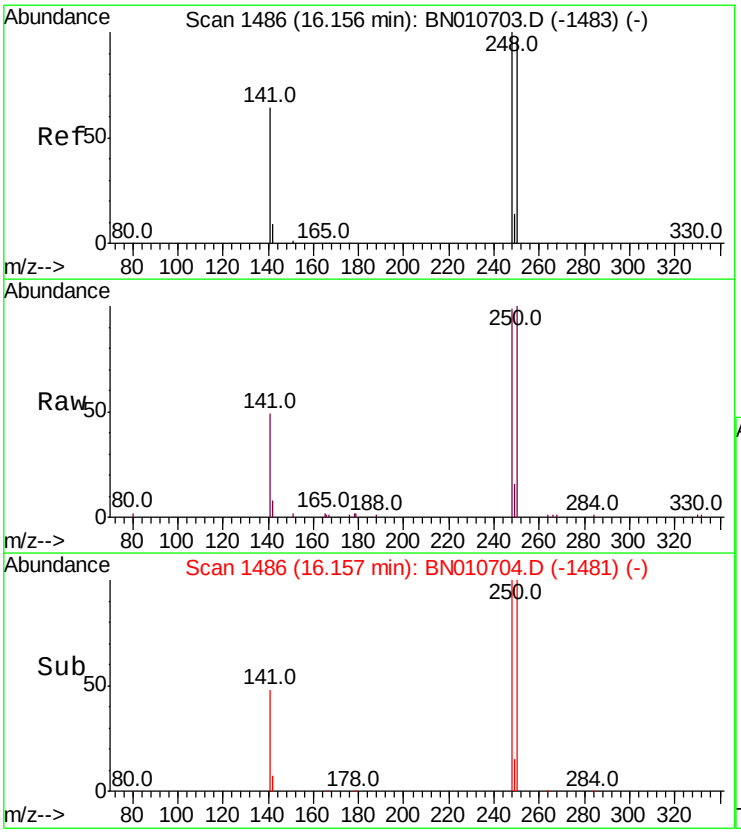
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.95 min Scan# 1561
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:188 Resp: 16347

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.1	6.3	9.5#

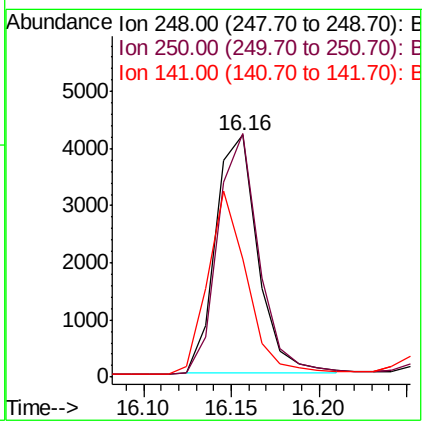


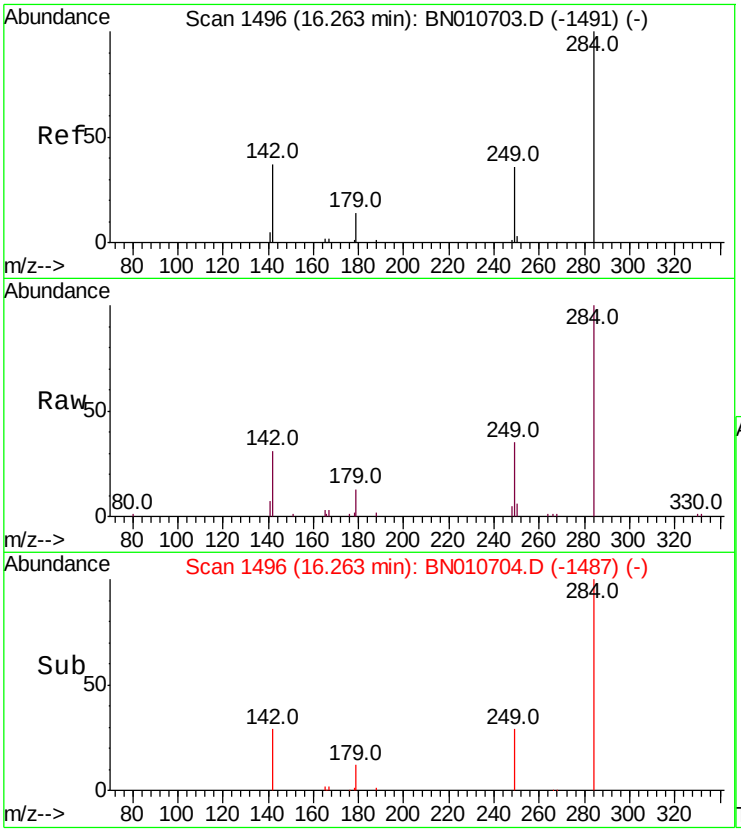


#20
4-Bromophenyl-phenylether
Concen: 0.759 ng
RT: 16.16 min Scan# 1486
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:248 Resp: 6895

Ion	Ratio	Lower	Upper
248	100		
250	100.5	77.4	116.0
141	49.0	53.1	79.7#



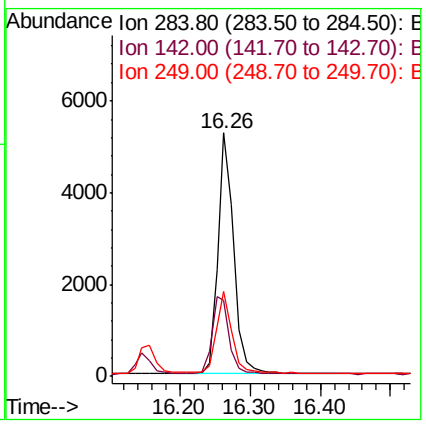


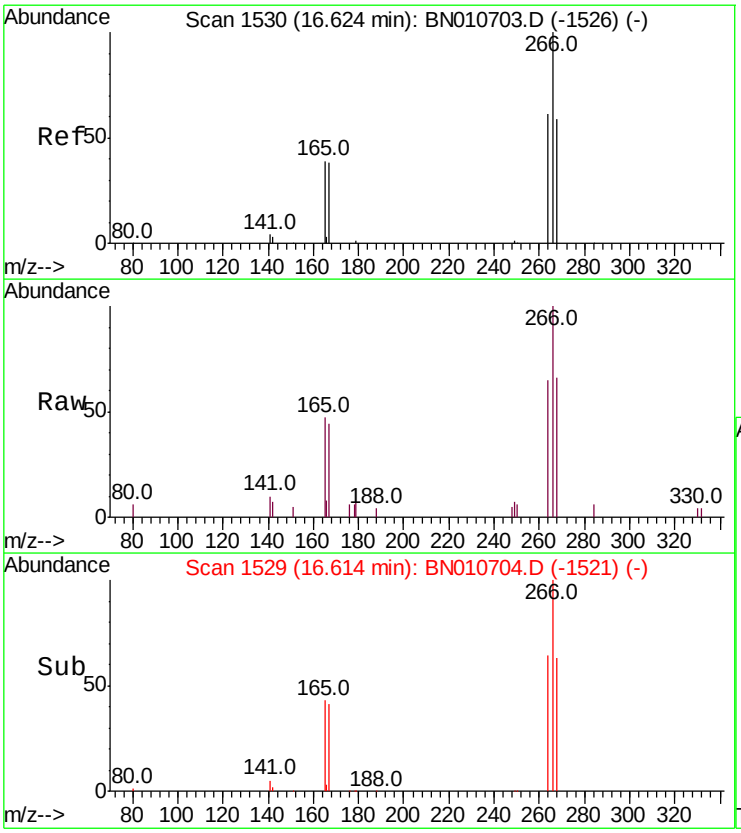
#21
Hexachlorobenzene
Concen: 0.799 ng
RT: 16.26 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:284 Resp: 8286

Ion	Ratio	Lower	Upper
284	100		
142	34.9	28.2	42.2
249	33.0	26.4	39.6

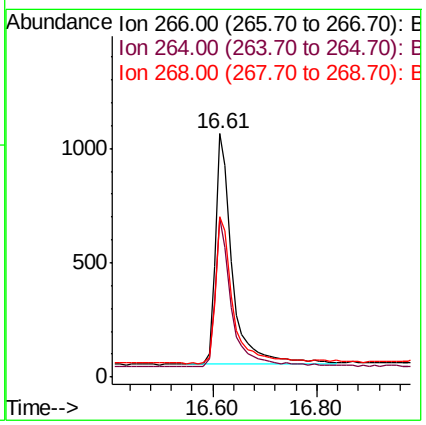


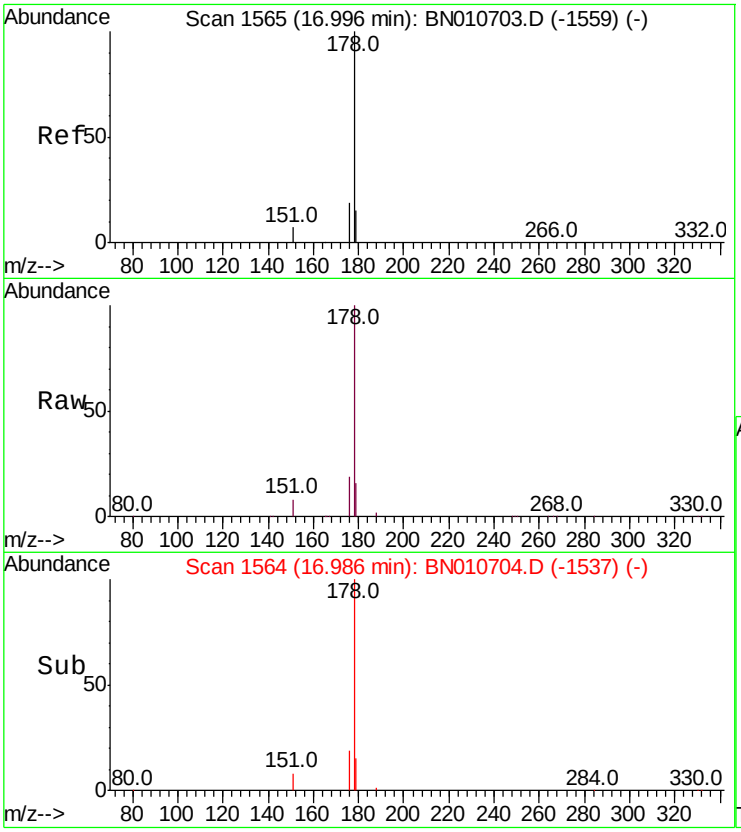


#22
Pentachlorophenol
Concen: 0.573 ng
RT: 16.61 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:266 Resp: 2337

Ion	Ratio	Lower	Upper
266	100		
264	65.4	51.1	76.7
268	65.7	52.1	78.1



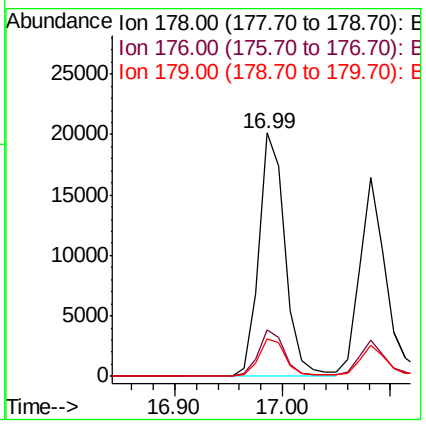


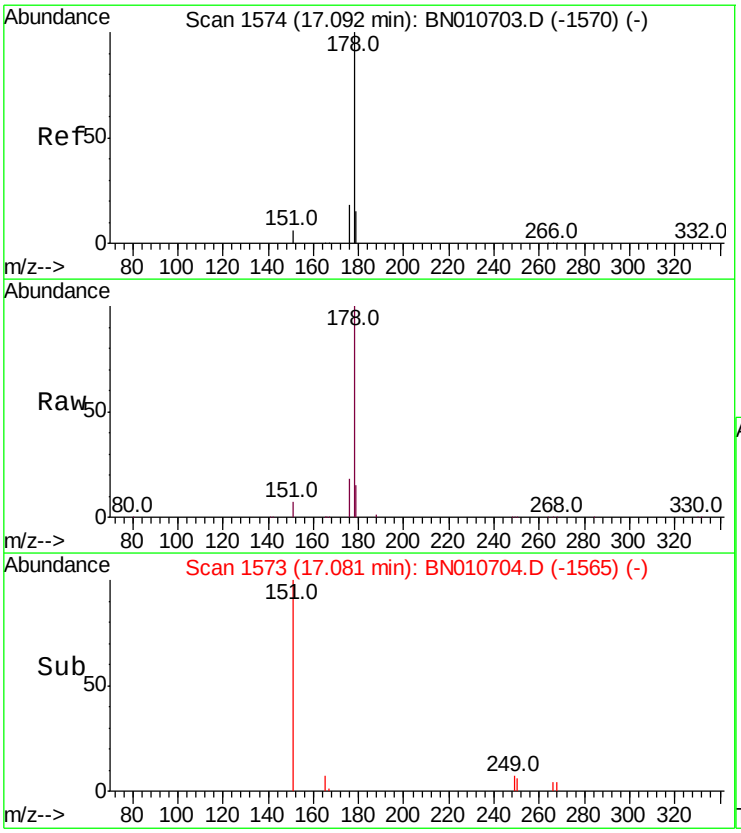
#23
Phenanthrene
Concen: 0.758 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:178 Resp: 33482

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.5	12.2	18.4

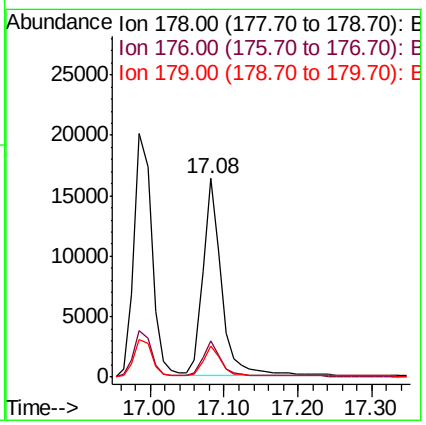


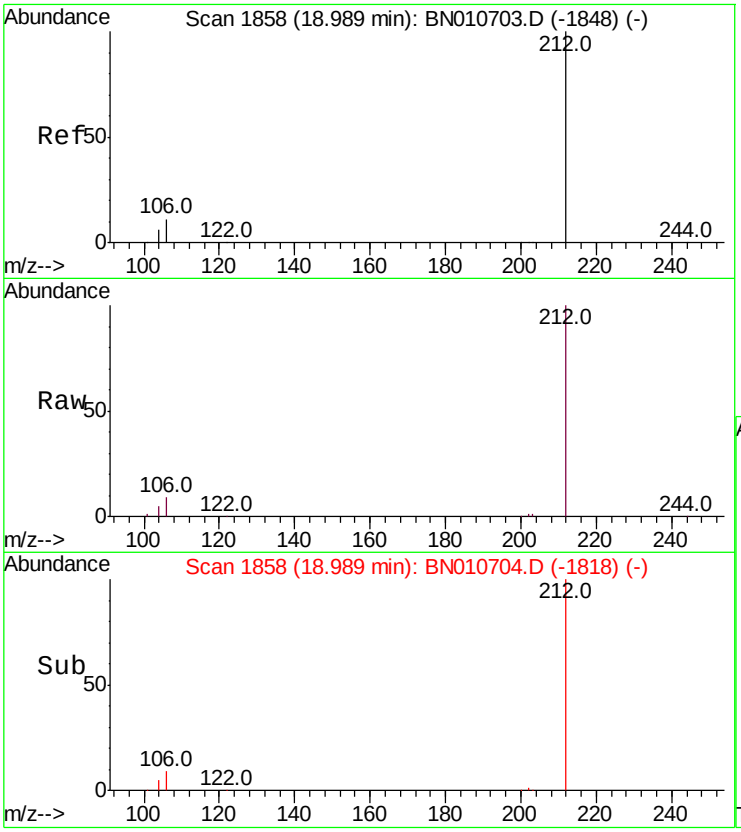


#24
Anthracene
Concen: 0.688 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:178 Resp: 27752

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.7	22.1
179	15.1	12.3	18.5



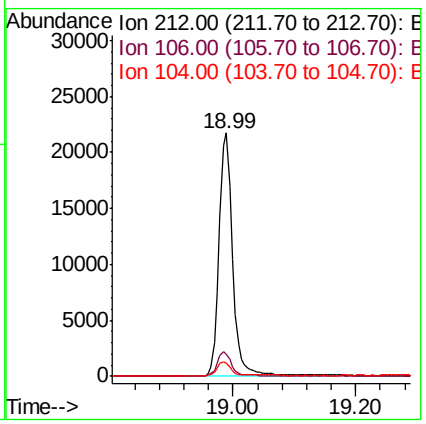


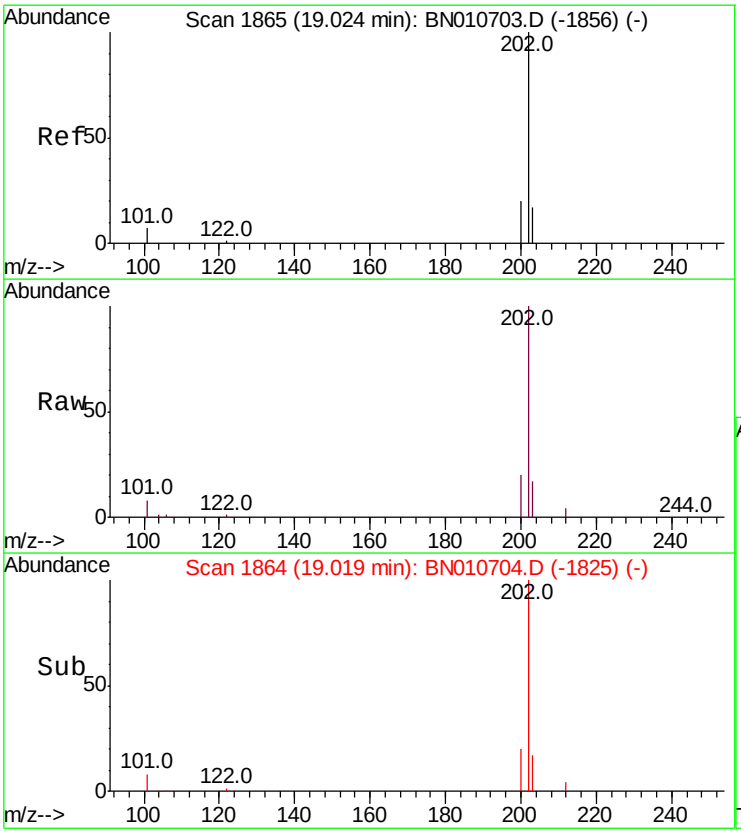
#25
Fluoranthene-d10
Concen: 0.668 ng
RT: 18.99 min Scan# 1858
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:212 Resp: 33111

Ion	Ratio	Lower	Upper
212	100		
106	9.9	8.2	12.2
104	5.7	4.7	7.1

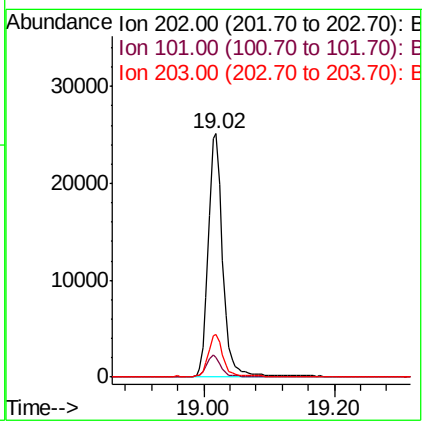


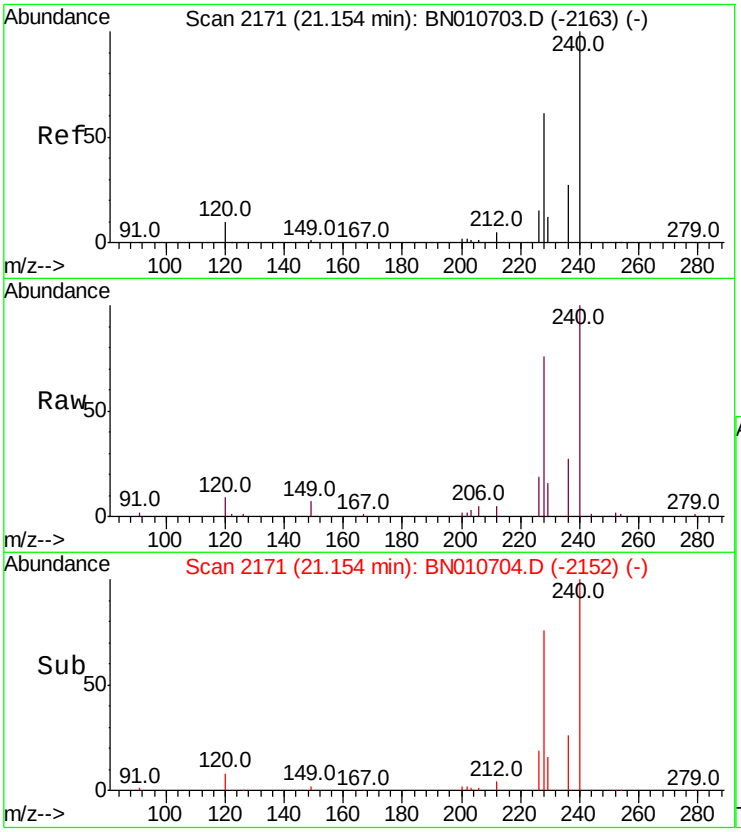


#26
Fluoranthene
Concen: 0.688 ng
RT: 19.02 min Scan# 1864
Delta R.T. -0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:202 Resp: 37797

Ion	Ratio	Lower	Upper
202	100		
101	8.7	6.7	10.1
203	17.0	13.4	20.0



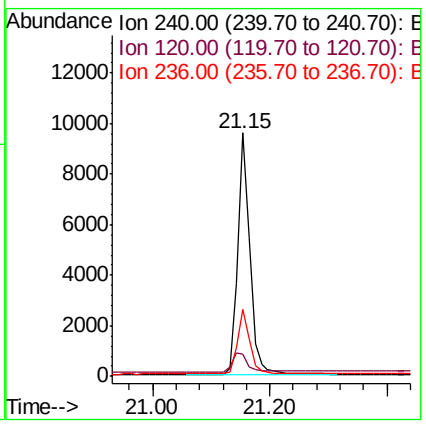


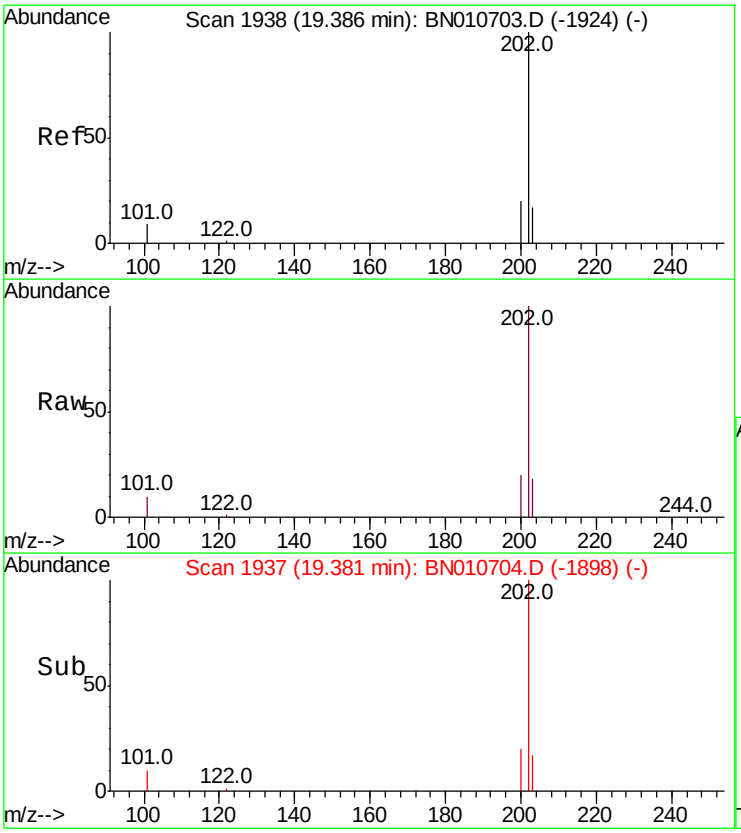
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:240 Resp: 13729

Ion	Ratio	Lower	Upper
240	100		
120	9.2	9.5	14.3#
236	27.3	22.5	33.7

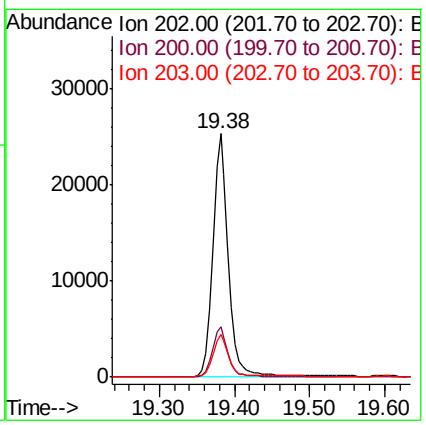


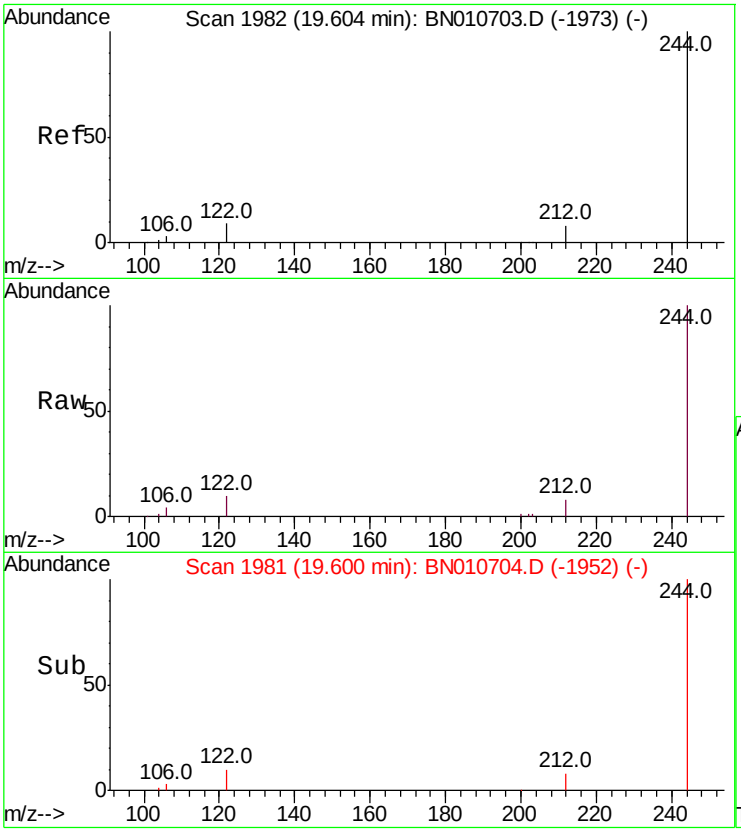


#28
Pyrene
Concen: 0.792 ng
RT: 19.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:202 Resp: 36605

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.4	14.1	21.1



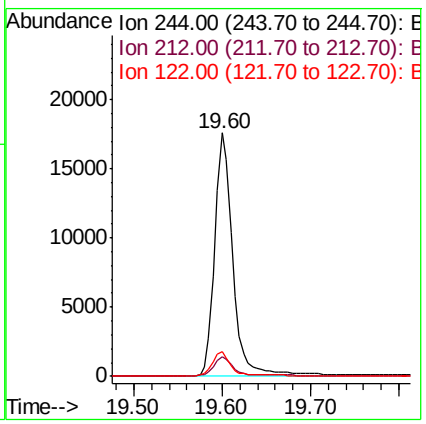


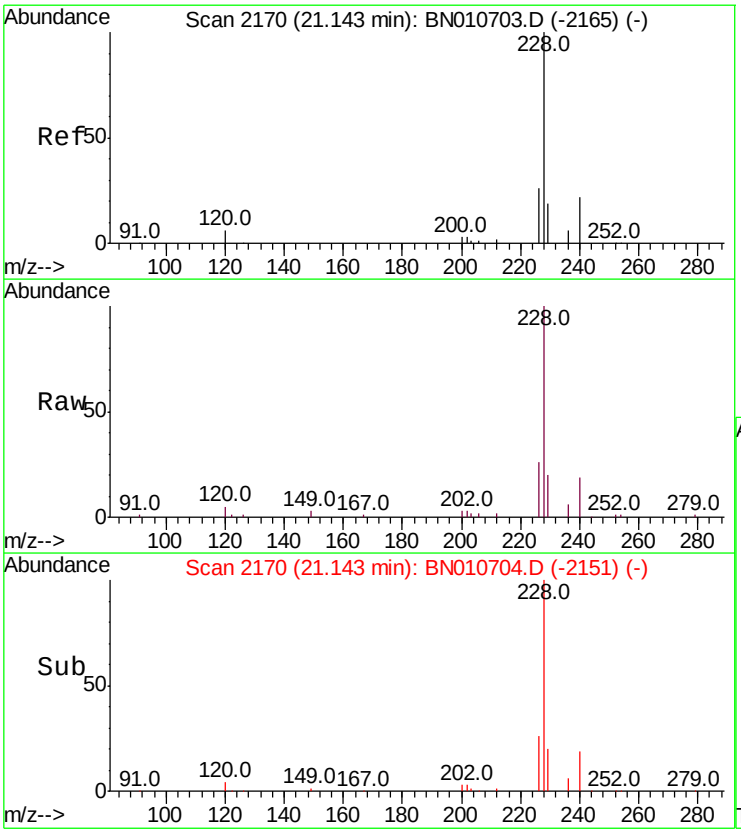
#29
Terphenyl-d14
Concen: 0.791 ng
RT: 19.60 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:244 Resp: 24867

Ion	Ratio	Lower	Upper
244	100		
212	8.1	6.8	10.2
122	9.9	8.1	12.1

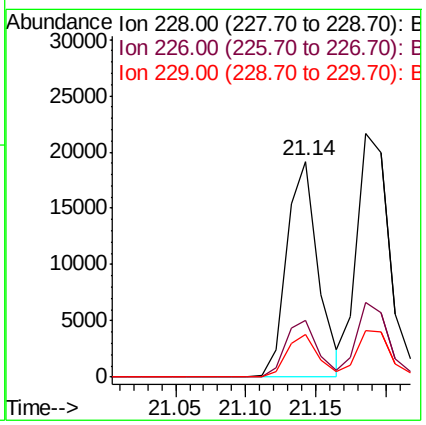


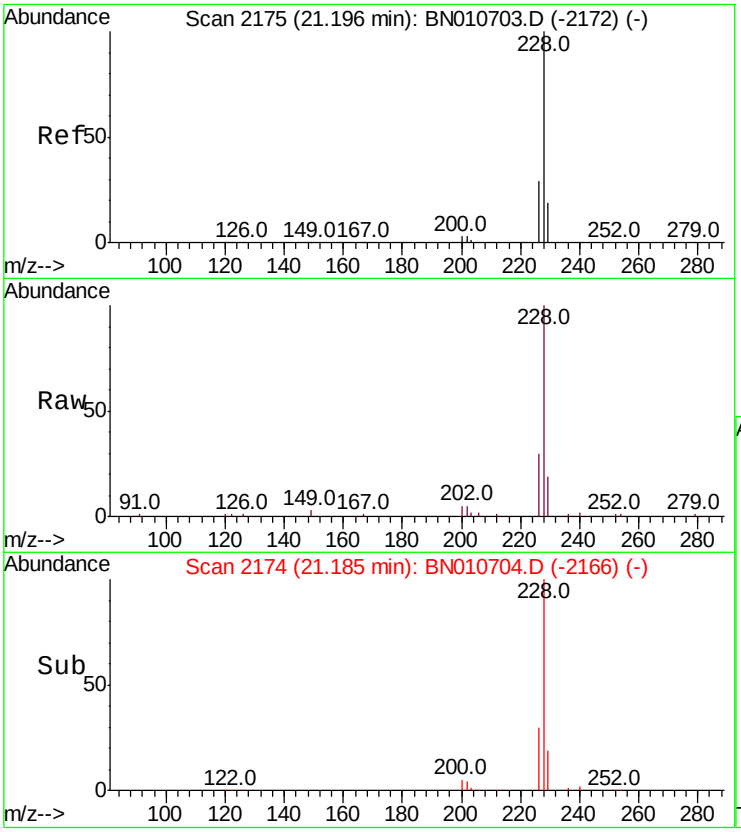


#30
Benzo(a)anthracene
Concen: 0.663 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:228 Resp: 29709

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.3	31.9
229	20.0	16.0	24.0



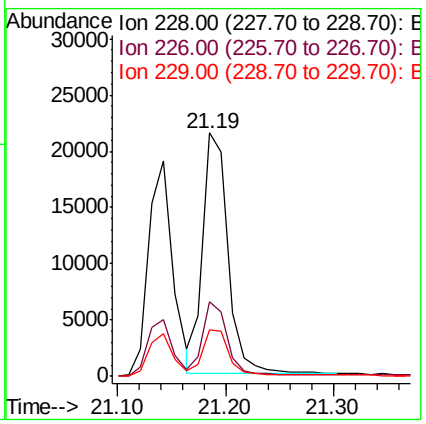


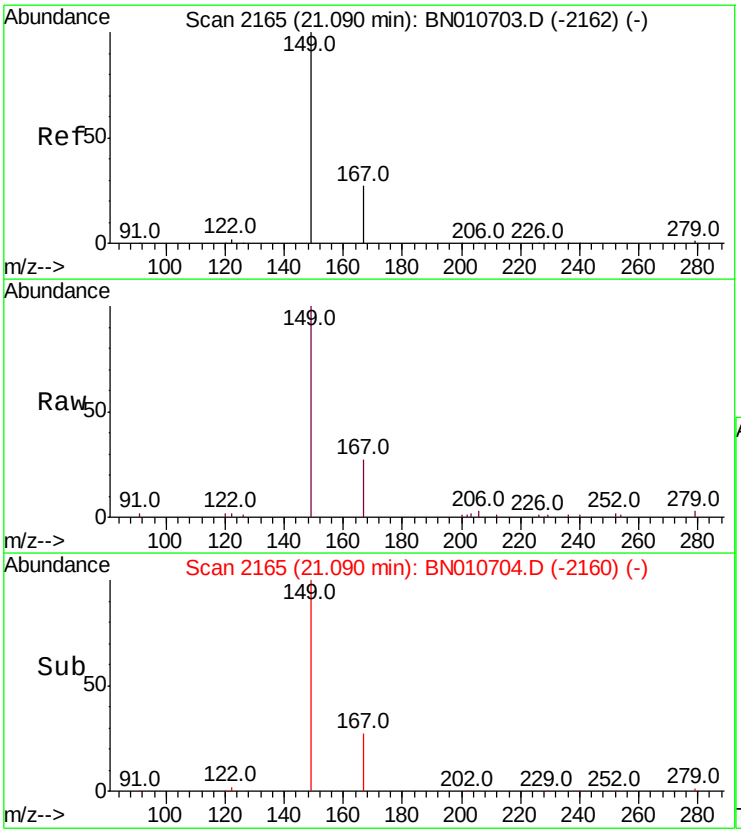
#31
Chrysene
Concen: 0.776 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:228 Resp: 34621

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.0
229	19.2	16.1	24.1

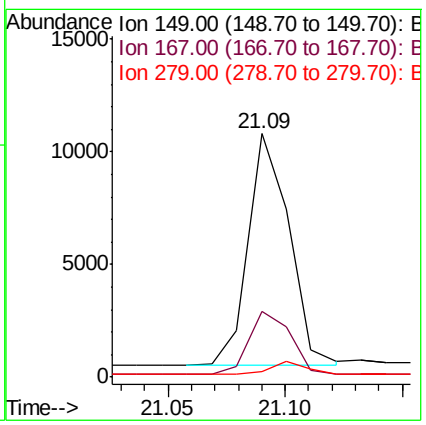


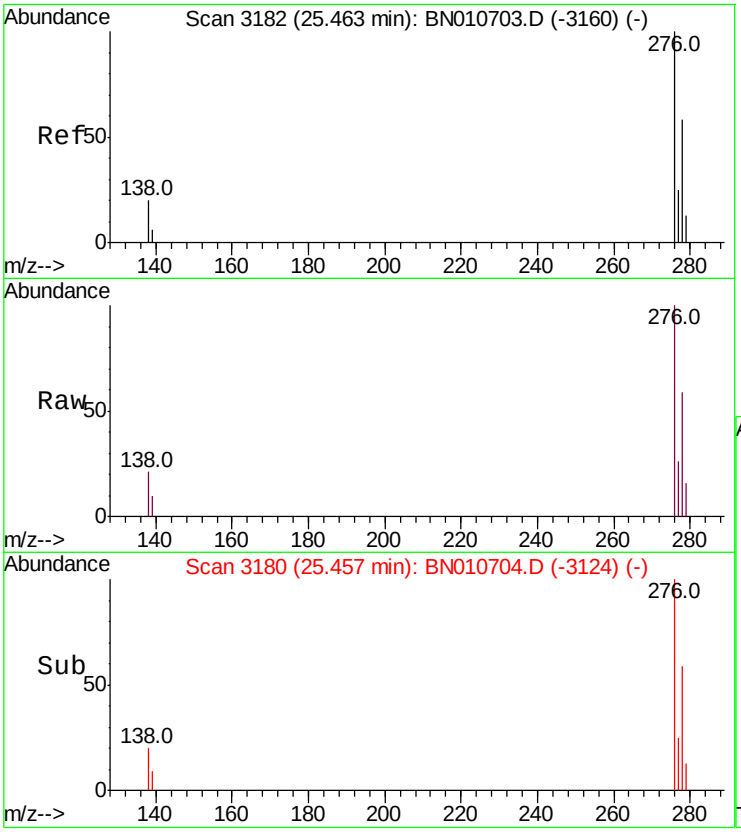


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.544 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:149 Resp: 12499

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.5	33.7
279	4.8	4.1	6.1



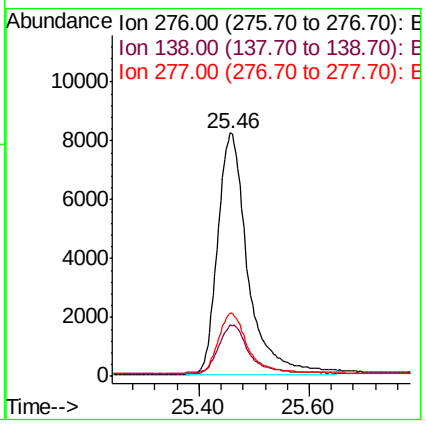


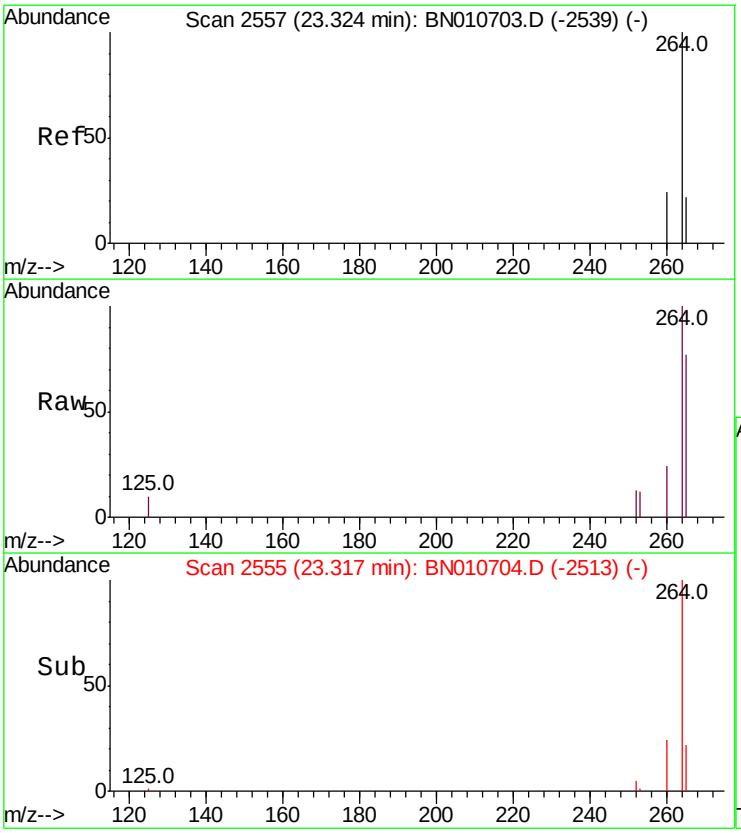
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.790 ng
RT: 25.46 min Scan# 3180
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 31166

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.1	22.7
277	24.7	19.4	29.0

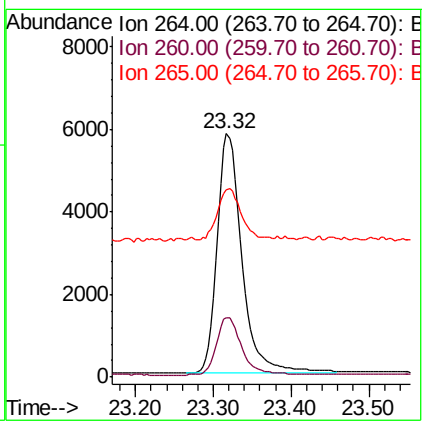


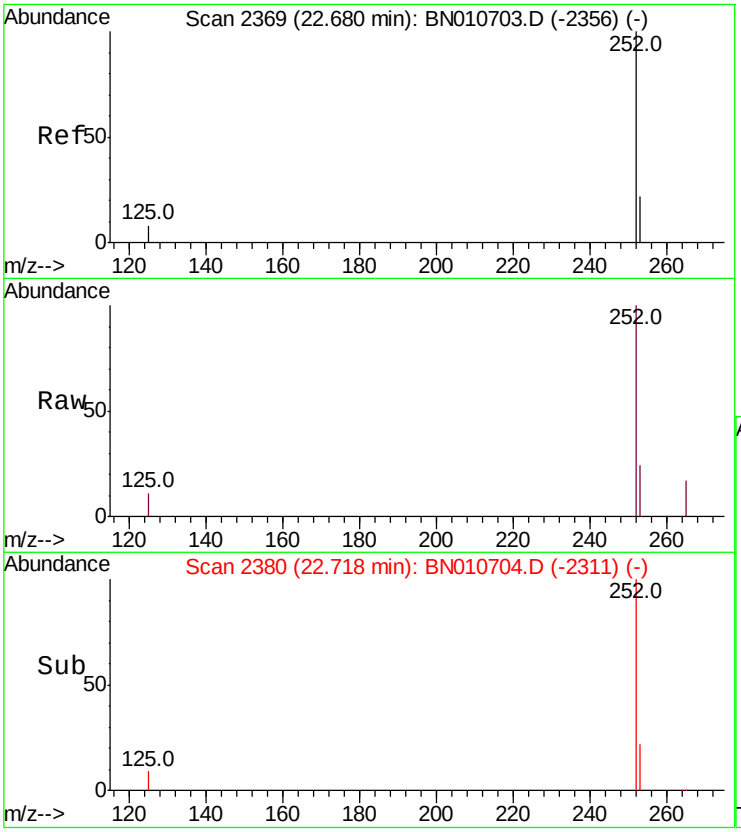


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:264 Resp: 12813

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.6	29.4
265	77.0	70.1	105.1



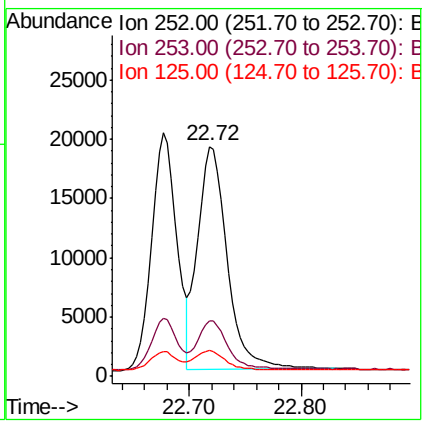


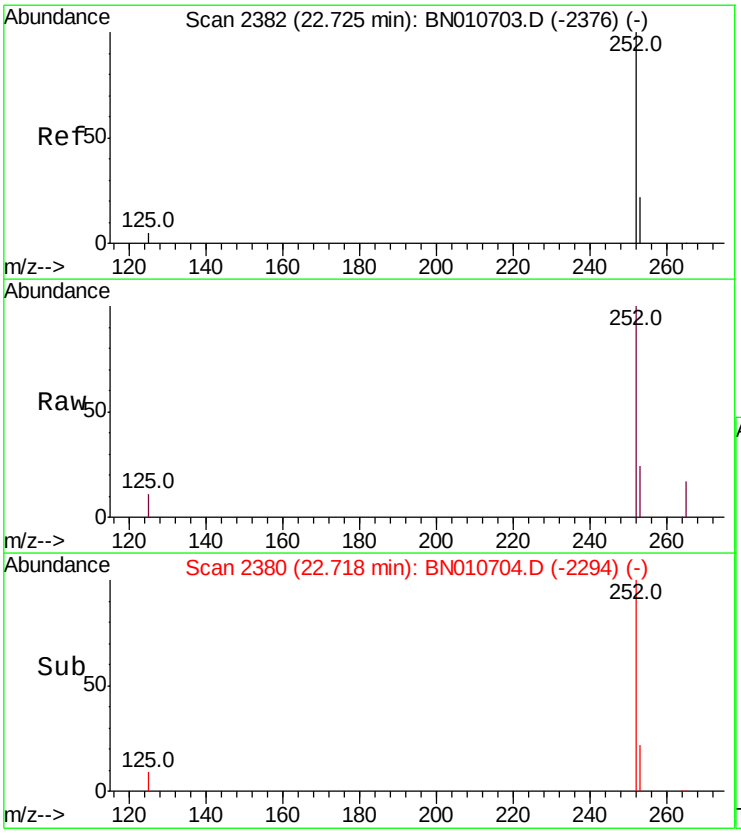
#35
Benzo(b)fluoranthene
Concen: 0.821 ng
RT: 22.72 min Scan# 2380
Delta R.T. 0.04 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 34635

Ion	Ratio	Lower	Upper
252	100		
253	24.0	22.0	33.0
125	11.1	10.8	16.2

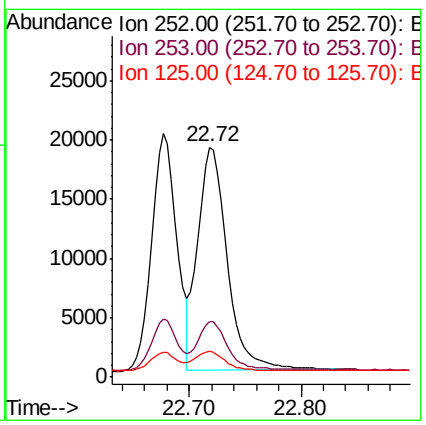


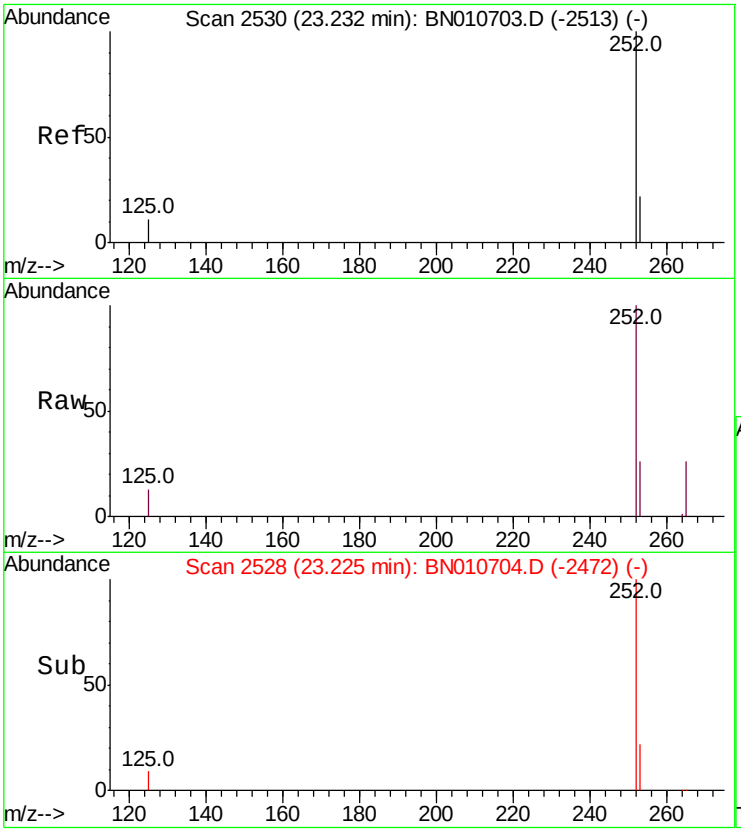


#36
Benzo(k)fluoranthene
Concen: 0.819 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:252 Resp: 34635

Ion	Ratio	Lower	Upper
252	100		
253	24.0	21.9	32.9
125	11.1	11.1	16.7#



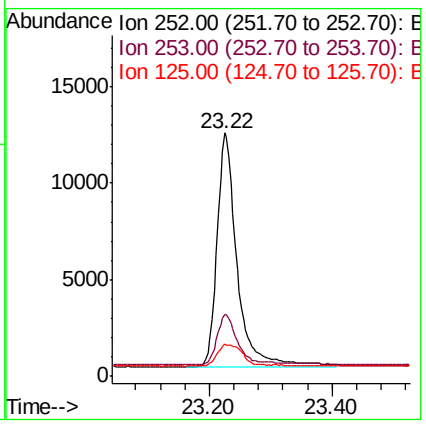


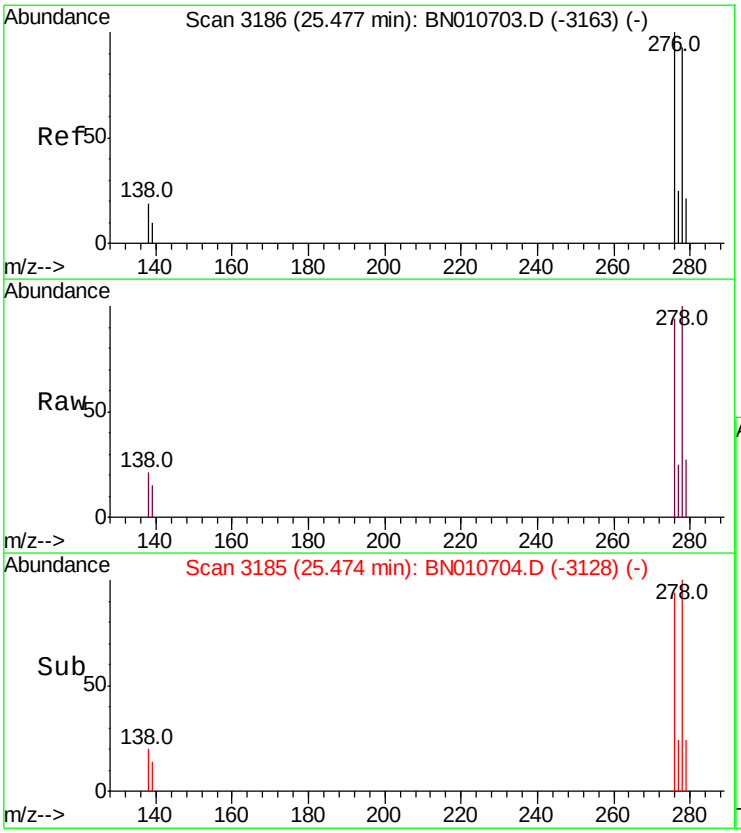
#37
Benzo(a)pyrene
Concen: 0.745 ng
RT: 23.22 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:252 Resp: 27802

Ion	Ratio	Lower	Upper
252	100		
253	25.6	24.8	37.2
125	13.1	15.8	23.6#

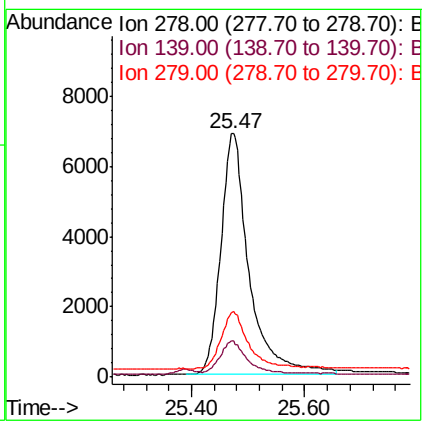


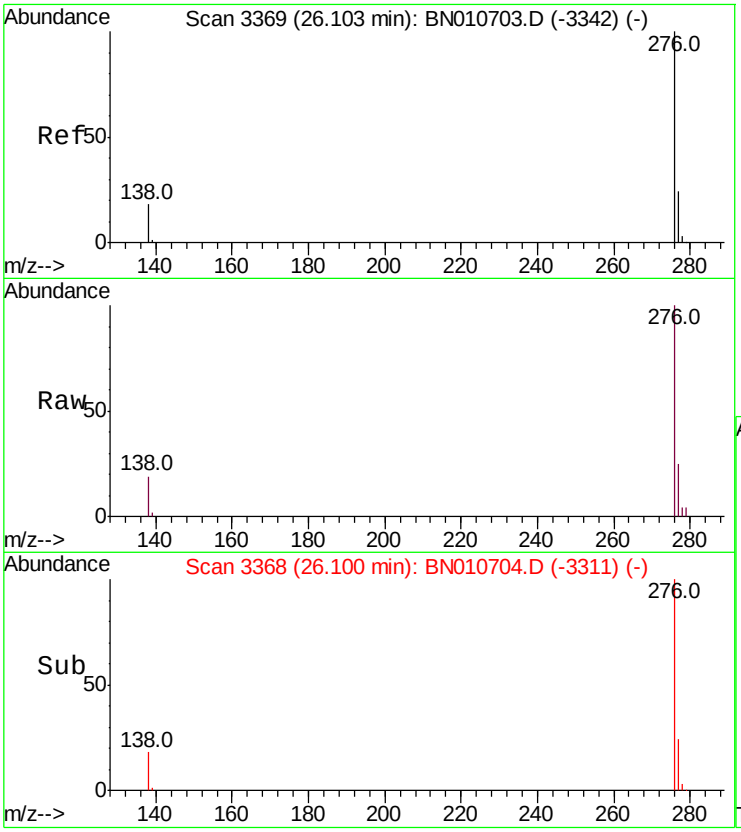


#38
Dibenzo(a,h)anthracene
Concen: 0.702 ng
RT: 25.47 min Scan# 3185
Delta R.T. -0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Tgt Ion:278 Resp: 23963

Ion	Ratio	Lower	Upper
278	100		
139	14.6	13.0	19.4
279	27.0	25.1	37.7





#39
Benzo(g,h,i)perylene
Concen: 0.791 ng
RT: 26.10 min Scan# 3368
Delta R.T. -0.00 min
Lab File: BN010704.D
Acq: 13 May 2020 11:57

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Tgt Ion:276 Resp: 27183

Ion	Ratio	Lower	Upper
276	100		
277	25.0	20.6	30.8
138	18.8	16.0	24.0