Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
Data File : BN010705.D
Acq On : 13 May 2020 12:33
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: May 13 13:26:11 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	7.57	152	2877	0.40	ng		0.00
7) Naphthalene-d8	10.33	136	10978	0.40	ng		0.00
13) Acenaphthene-d10	14.20	164	6942	0.40	ng		0.00
19) Phenanthrene-d10	16.94	188	15191	0.40	ng		-0.01
27) Chrysene-d12	21.15	240	14054	0.40	ng		0.00
34) Perylene-d12	23.32	264	12594	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.22	112	9392	1.49	ng		0.00
5) Phenol-d6	6.77	99	11848	1.44	ng		0.00
8) Nitrobenzene-d5	8.71	82	13094	1.71	ng		0.00
11) 2-Methylnaphthalene-d10	11.93	152	30154	1.67	ng		0.00
14) 2,4,6-Tribromophenol	15.70	330	4410	1.35	ng		-0.01
15) 2-Fluorobiphenyl	12.82	172	43085	1.71	ng		0.00
25) Fluoranthene-d10	18.98	212	71780	1.56	ng		0.00
29) Terphenyl-d14	19.60	244	53500	1.66	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	4252	2.008	ng		97
3) n-Nitrosodimethylamine	3.55	42	2569	1.871	ng	#	99
6) bis(2-Chloroethyl)ether	7.02	93	11682	1.637	ng		95
9) Naphthalene	10.38	128	45598	1.672	ng		99
10) Hexachlorobutadiene	10.68	225	10385	1.580	ng	#	99
12) 2-Methylnaphthalene	12.00	142	33351	1.703	ng		98
16) Acenaphthylene	13.91	152	48577	1.620	ng		100
17) Acenaphthene	14.26	154	31504	1.635	ng		100
18) Fluorene	15.25	166	43071	1.707	ng		99
20) 4-Bromophenyl-phenylether	16.15	248	14462	1.714	ng		92
21) Hexachlorobenzene	16.26	284	15950	1.656	ng		99
22) Pentachlorophenol	16.61	266	4999	1.319	ng		99
23) Phenanthrene	16.99	178	69406	1.692	ng		100
24) Anthracene	17.08	178	60100	1.603	ng		100
26) Fluoranthene	19.01	202	82074	1.607	ng		99
28) Pyrene	19.38	202	79897	1.689	ng		100
30) Benzo(a)anthracene	21.14	228	68138	1.486	ng		99
31) Chrysene	21.19	228	76455	1.674	ng		98
32) Bis(2-ethylhexyl)phthalate	21.09	149	28420	1.208	ng		99
33) Indeno(1,2,3-cd)pyrene	25.45	276	68098	1.686	ng		98
35) Benzo(b)fluoranthene	22.68	252	70757	1.707	ng	#	90
36) Benzo(k)fluoranthene	22.72	252	75428	1.815	ng	#	90
37) Benzo(a)pyrene	23.22	252	60037	1.636	ng	#	84
38) Dibenzo(a,h)anthracene	25.47	278	52448	1.563	ng	#	90
39) Benzo(g,h,i)perylene	26.10	276	60343	1.787	ng		97

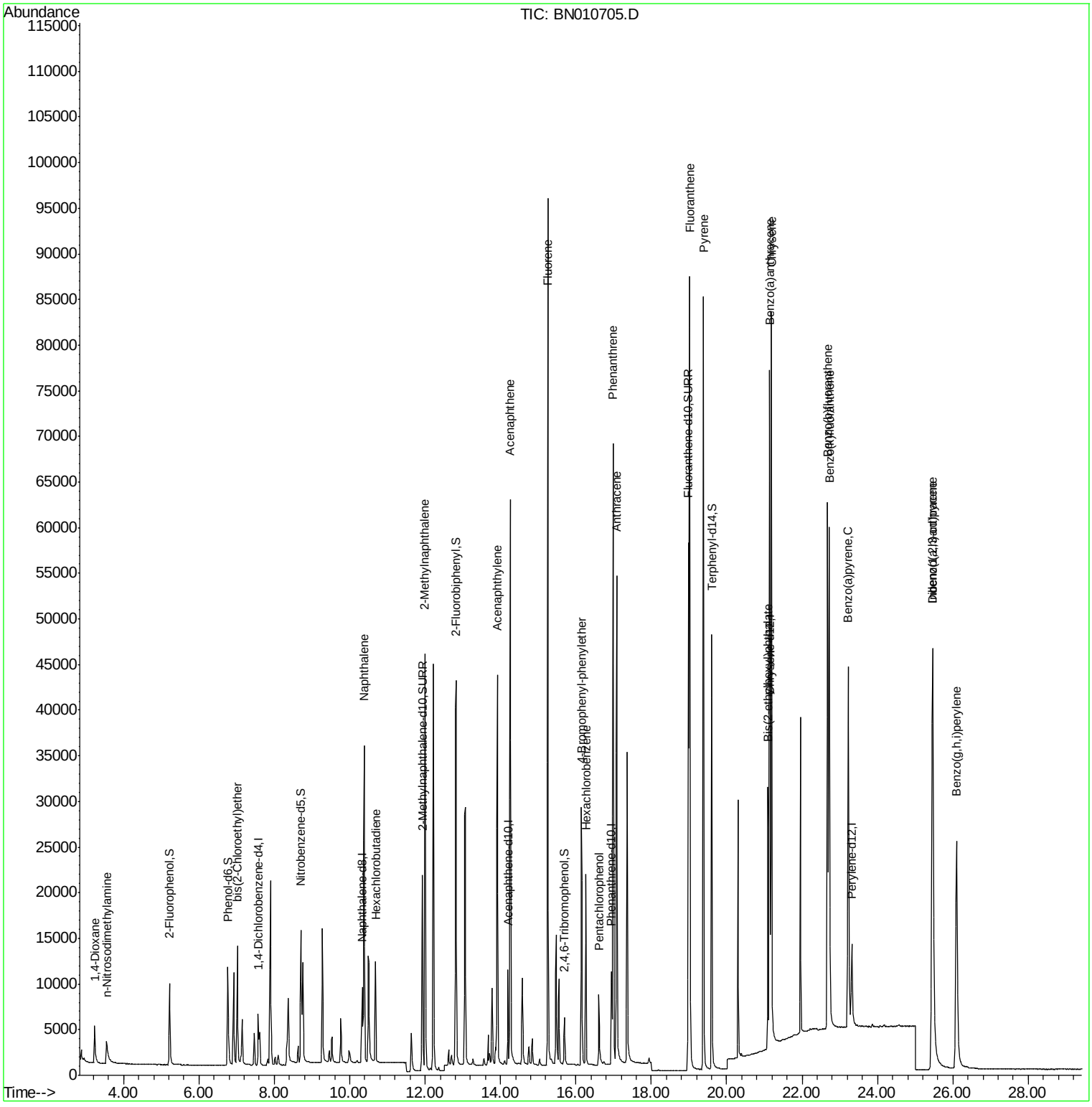
(#) = qualifier out of range (m) = manual integration (+) = signals summed

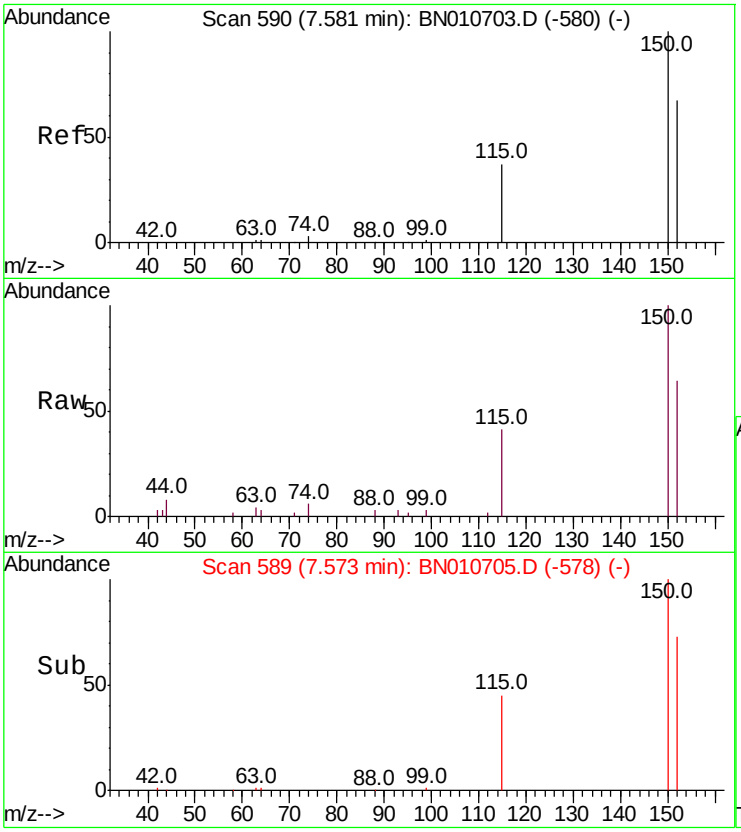
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN051320\
Data File : BN010705.D
Acq On : 13 May 2020 12:33
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: May 13 13:26:11 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



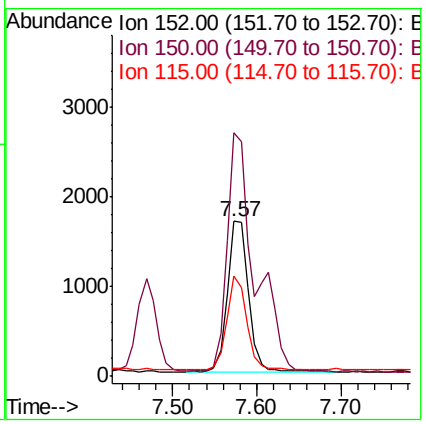


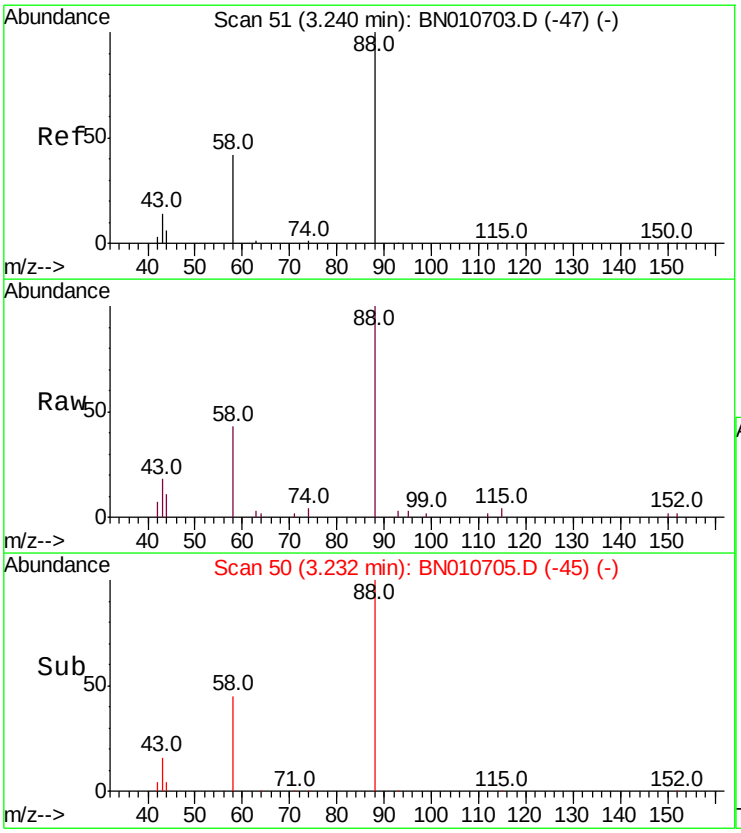
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.57 min Scan# 589
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 2877

Ion	Ratio	Lower	Upper
152	100		
150	157.2	119.4	179.0
115	64.4	45.9	68.9

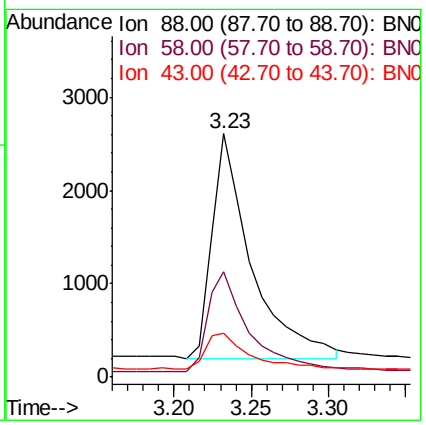


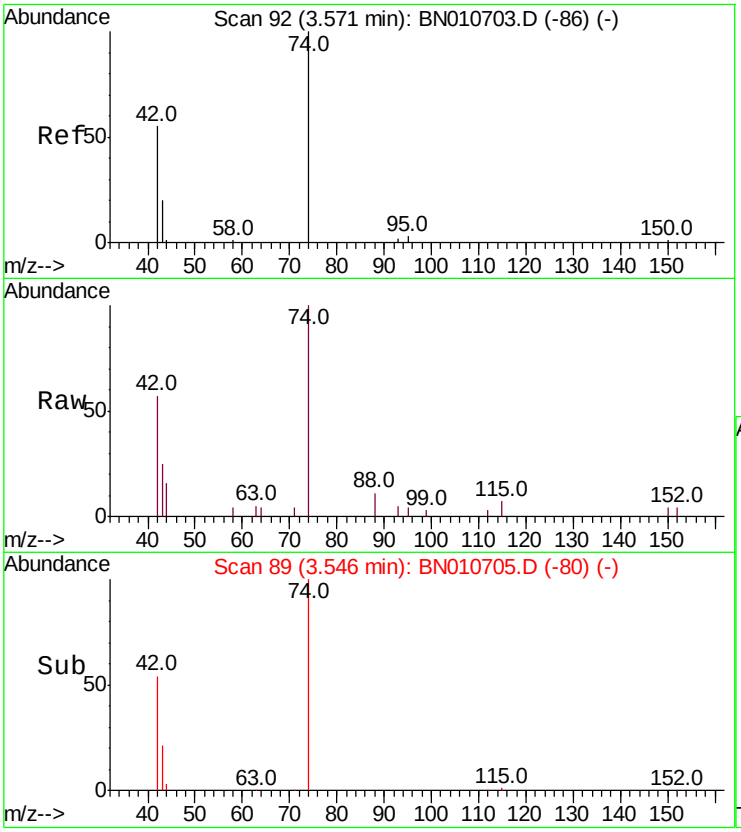


#2
1,4-Dioxane
Concen: 2.008 ng
RT: 3.23 min Scan# 50
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion: 88 Resp: 4252

Ion	Ratio	Lower	Upper
88	100		
58	46.7	39.0	58.6
43	17.1	13.1	19.7



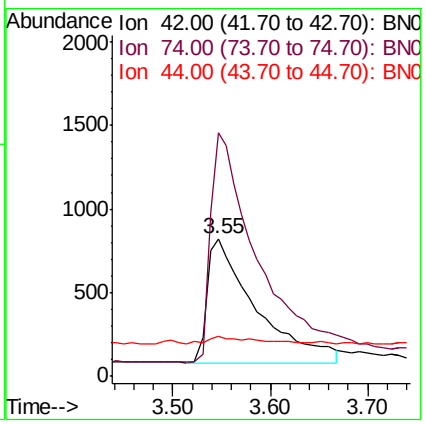


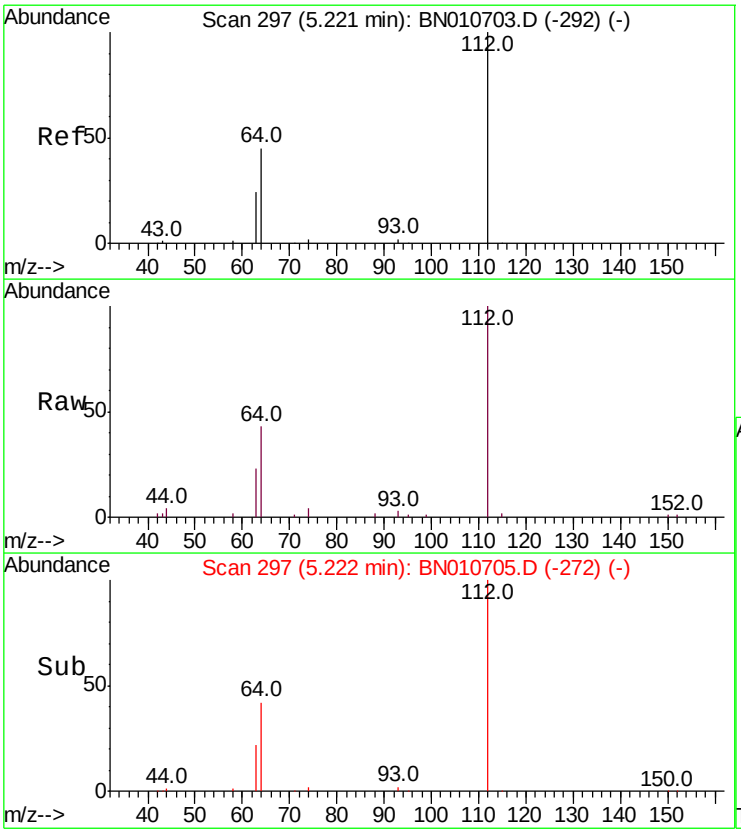
#3
n-Nitrosodimethylamine
Concen: 1.871 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.02 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 2569

Ion	Ratio	Lower	Upper
42	100		
74	183.8	146.2	219.2
44	5.8	3.0	4.4#

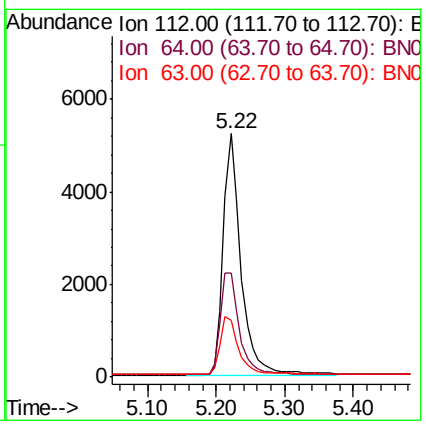


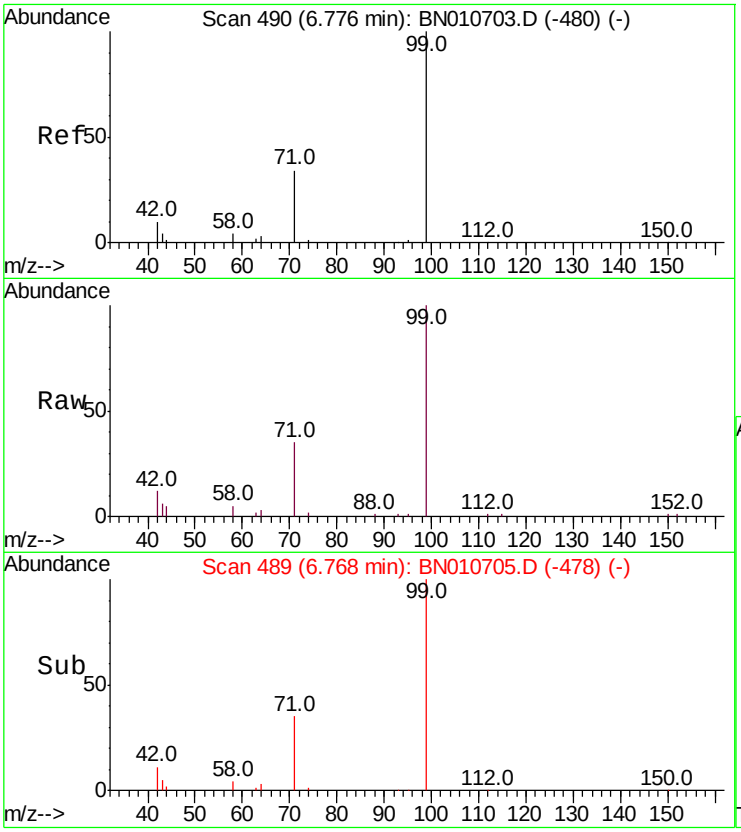


#4
2-Fluorophenol
Concen: 1.491 ng
RT: 5.22 min Scan# 297
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:112 Resp: 9392

Ion	Ratio	Lower	Upper
112	100		
64	45.9	36.2	54.4
63	24.4	19.8	29.8



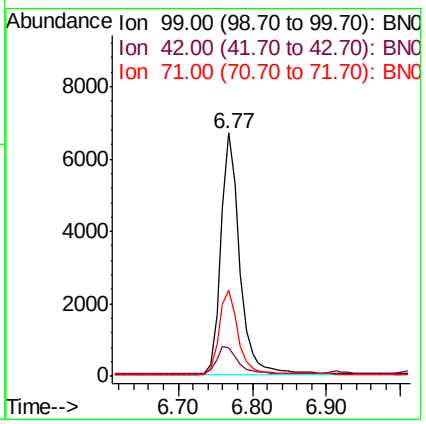


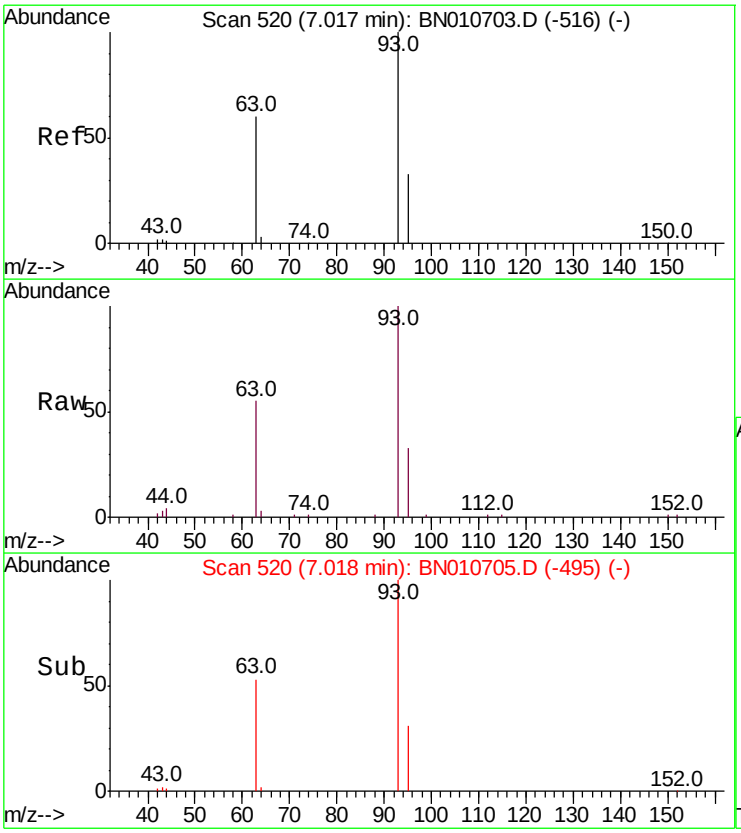
#5
Phenol-d6
Concen: 1.439 ng
RT: 6.77 min Scan# 489
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 11848

Ion	Ratio	Lower	Upper
99	100		
42	12.9	9.8	14.8
71	35.6	28.6	42.8

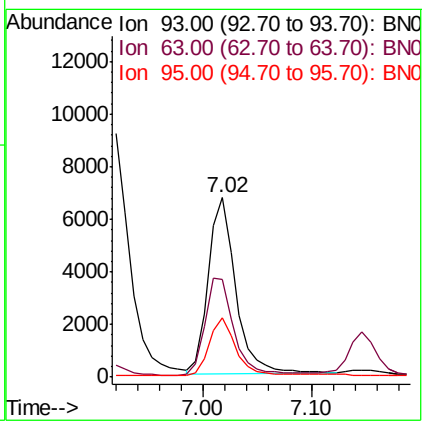


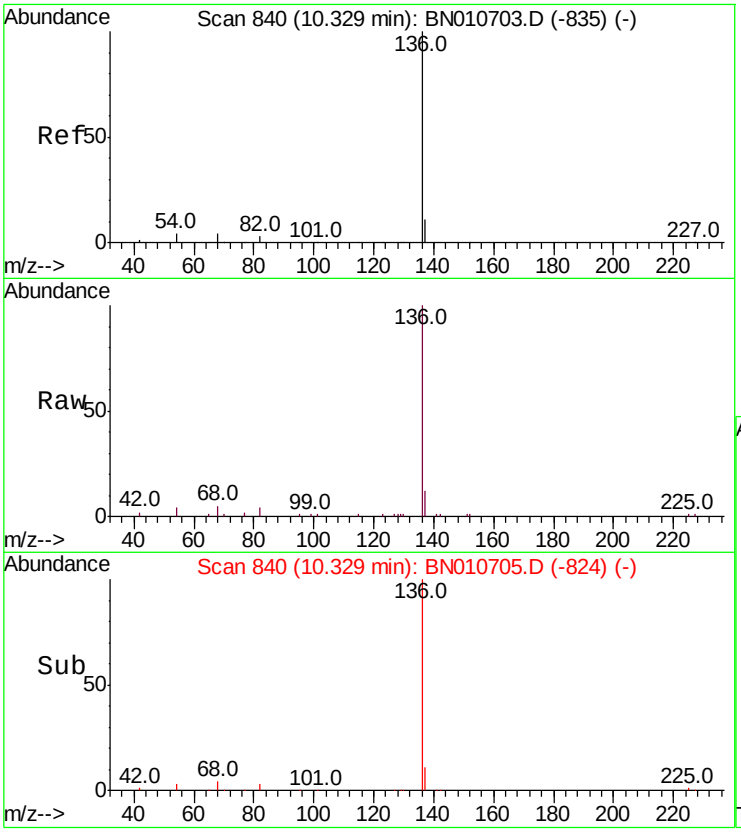


#6
bis(2-Chloroethyl)ether
Concen: 1.637 ng
RT: 7.02 min Scan# 520
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion: 93 Resp: 11682

Ion	Ratio	Lower	Upper
93	100		
63	57.8	43.1	64.7
95	32.6	24.6	37.0



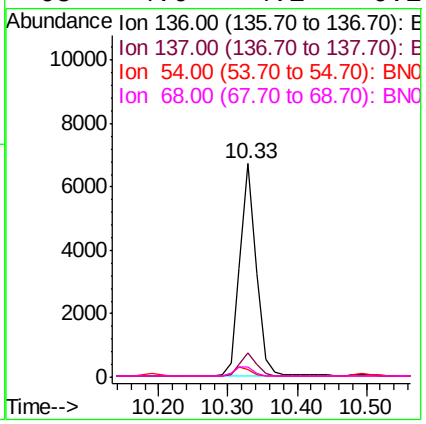


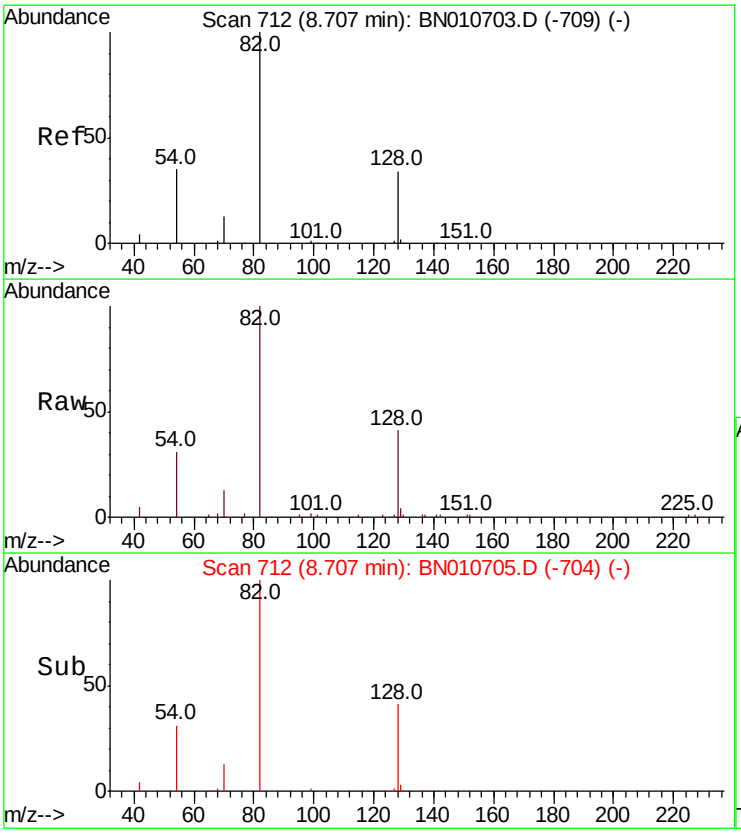
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.33 min Scan# 840
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 10978

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	3.9	3.6	5.4
68	4.6	4.1	6.1

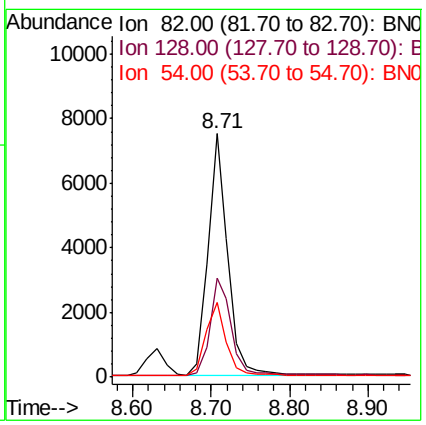


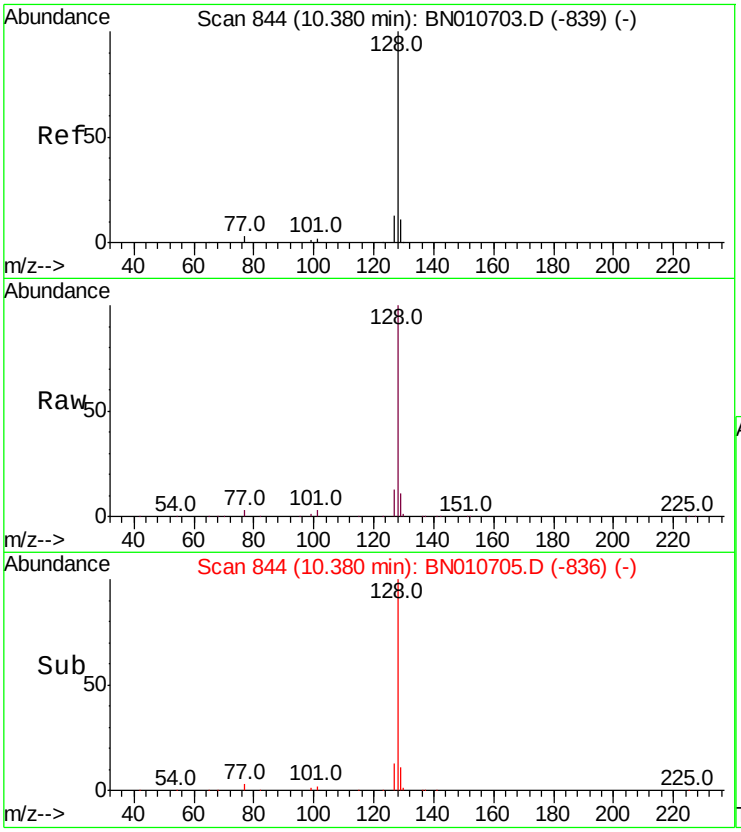


#8
Nitrobenzene-d5
Concen: 1.706 ng
RT: 8.71 min Scan# 712
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion: 82 Resp: 13094

Ion	Ratio	Lower	Upper
82	100		
128	40.8	29.0	43.4
54	30.8	29.3	43.9



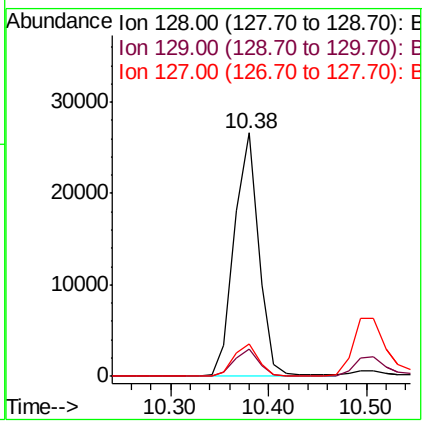


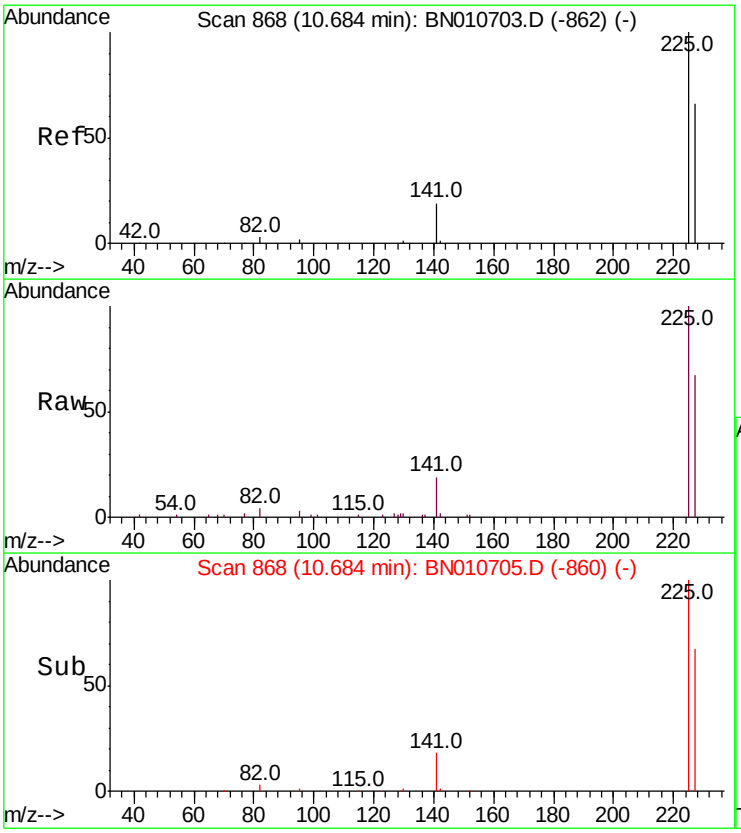
#9
Naphthalene
Concen: 1.672 ng
RT: 10.38 min Scan# 844
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 45598

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.1	11.0	16.6

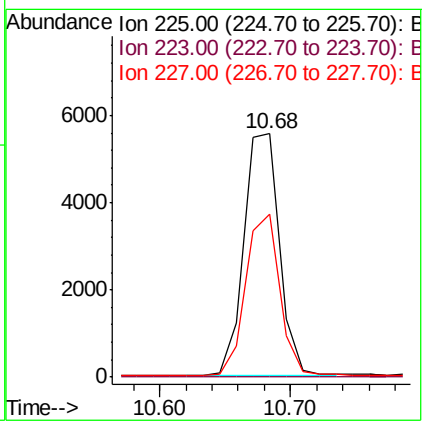


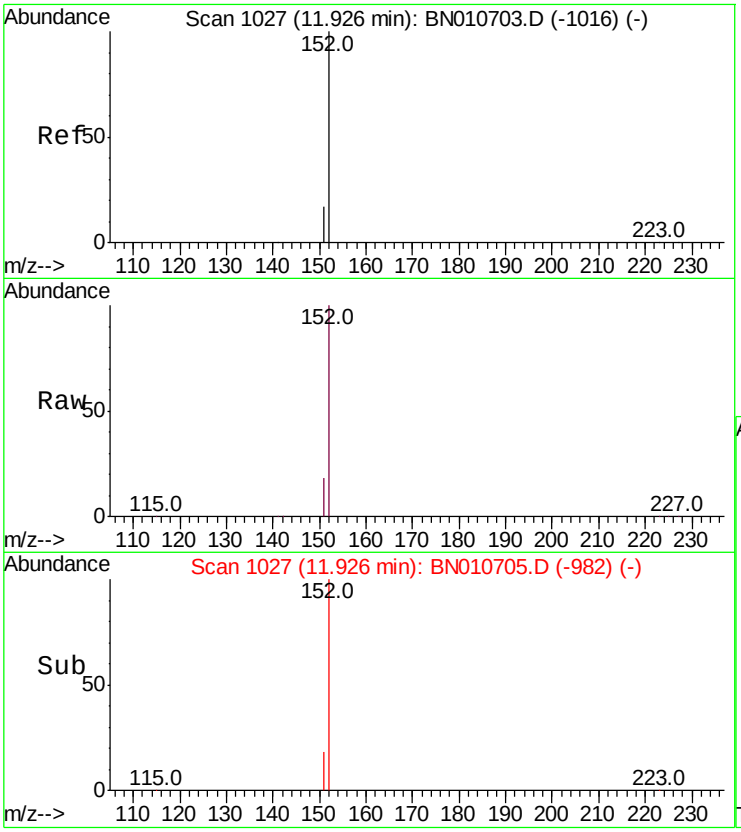


#10
Hexachlorobutadiene
Concen: 1.580 ng
RT: 10.68 min Scan# 868
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:225 Resp: 10385

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.9	50.7	76.1



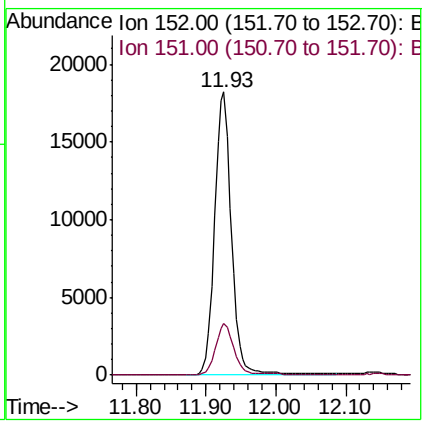


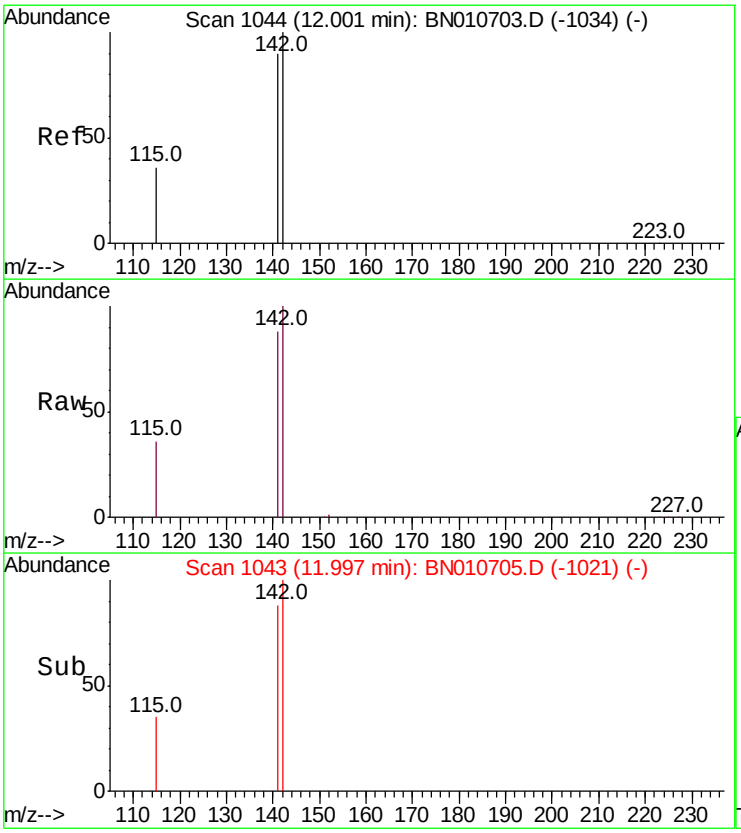
#11
2-Methylnaphthalene-d10
Concen: 1.671 ng
RT: 11.93 min Scan# 1027
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 30154

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.6

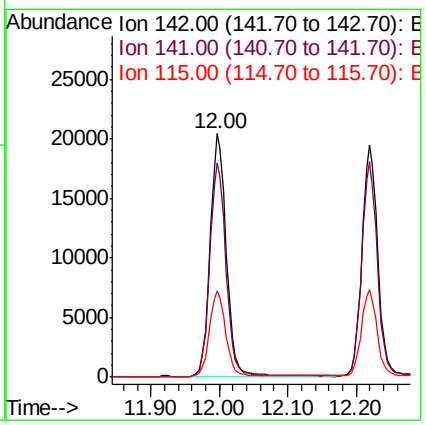


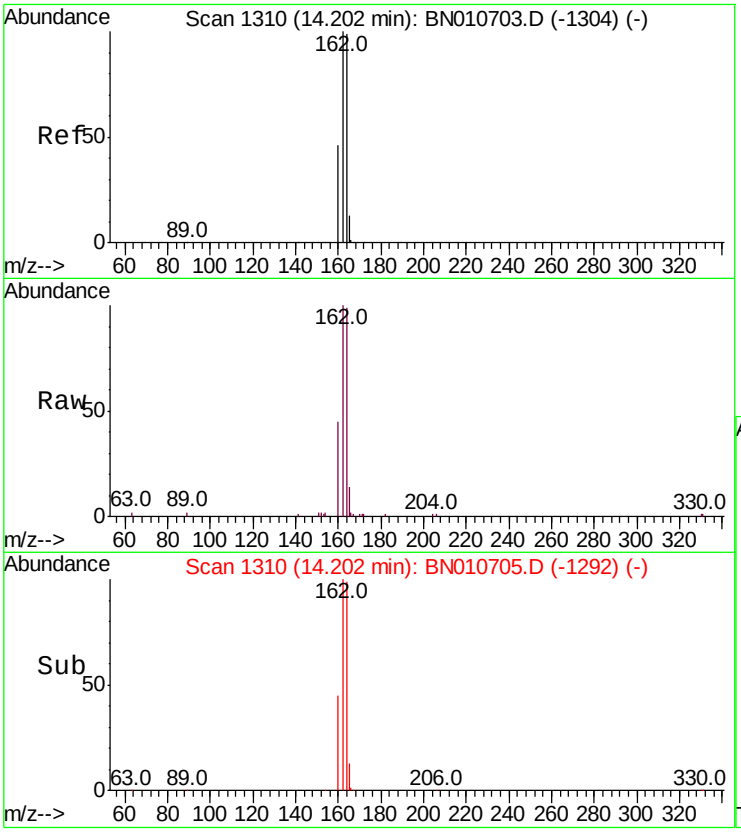


#12
2-Methylnaphthalene
Concen: 1.703 ng
RT: 12.00 min Scan# 1043
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:142 Resp: 33351

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.7	107.5
115	35.6	29.8	44.6



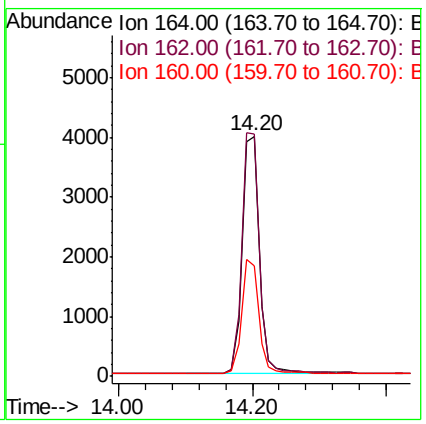


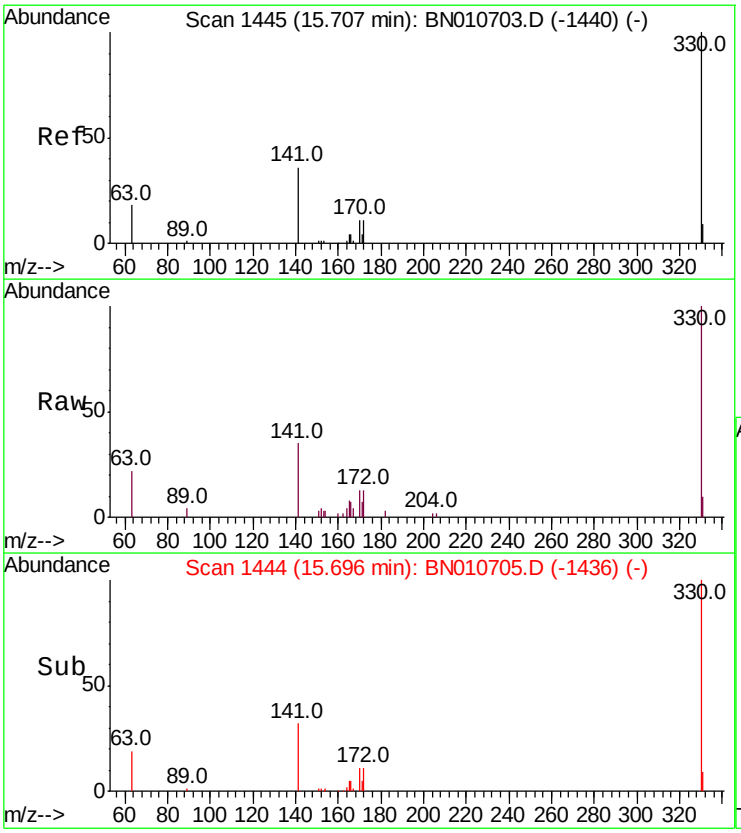
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.20 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 6942

Ion	Ratio	Lower	Upper
164	100		
162	101.0	81.1	121.7
160	45.9	37.9	56.9

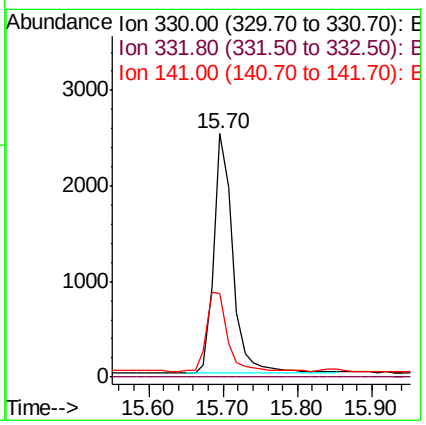


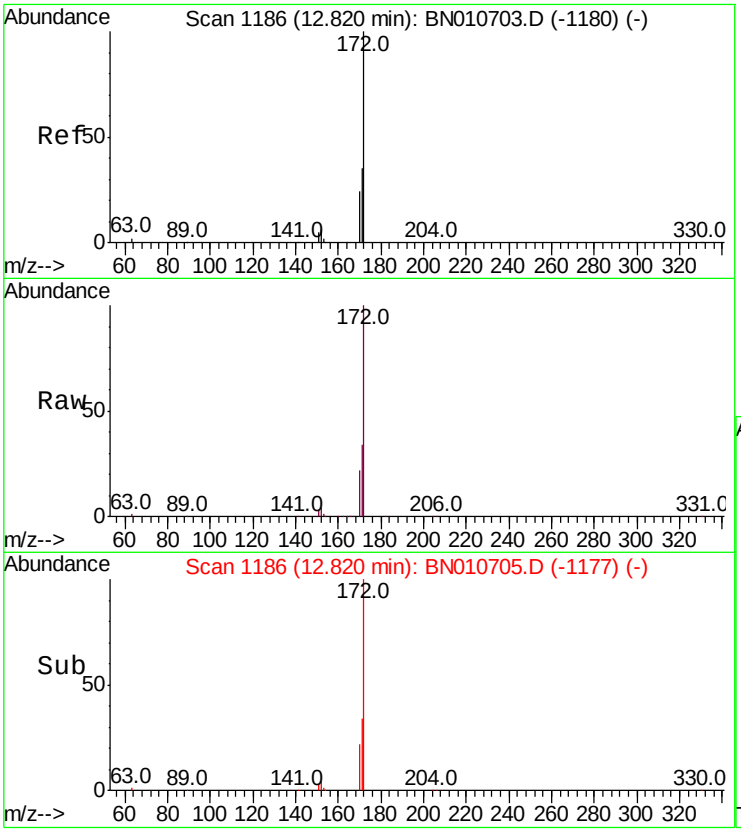


#14
2,4,6-Tribromophenol
Concen: 1.348 ng
RT: 15.70 min Scan# 1444
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:330 Resp: 4410

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	36.2	28.8	43.2



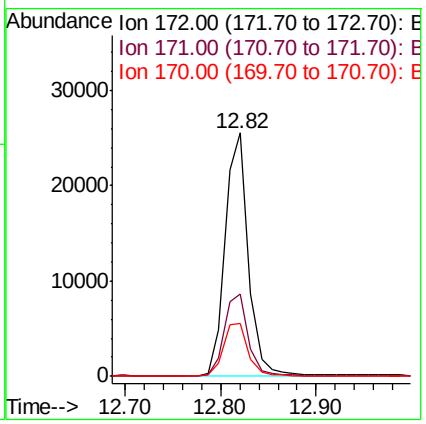


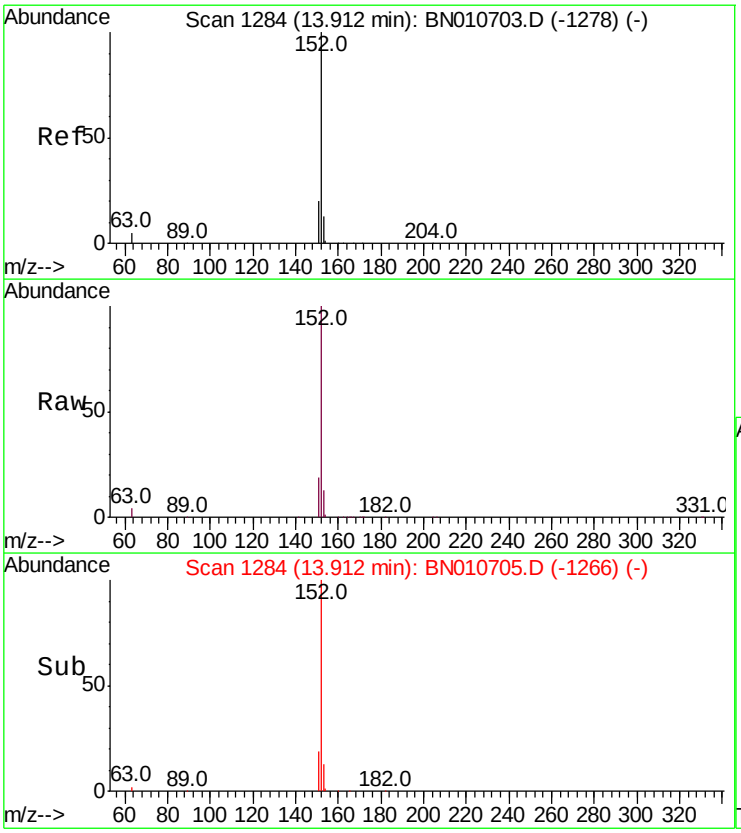
#15
2-Fluorobiphenyl
Concen: 1.705 ng
RT: 12.82 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 43085

Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.6	42.8
170	21.8	19.8	29.8

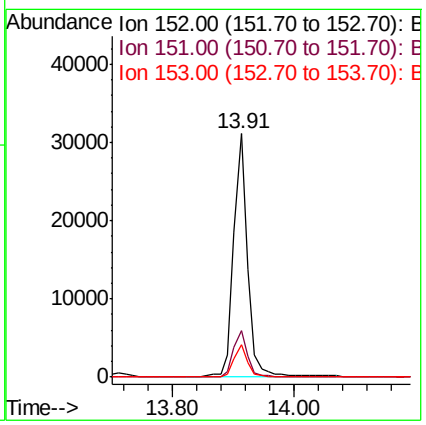


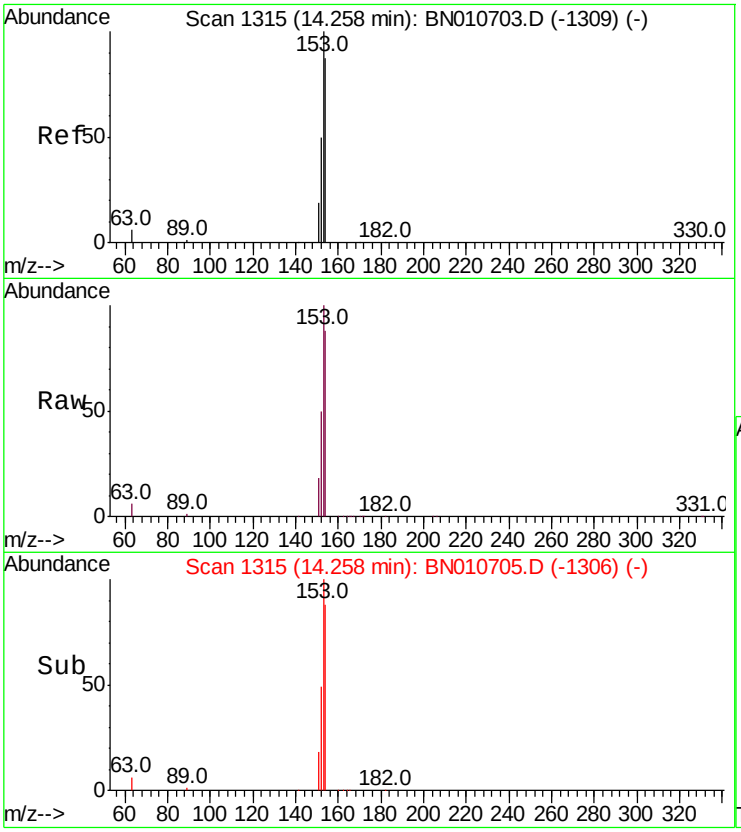


#16
Acenaphthylene
Concen: 1.620 ng
RT: 13.91 min Scan# 1284
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:152 Resp: 48577

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.6	23.4
153	13.0	10.4	15.6



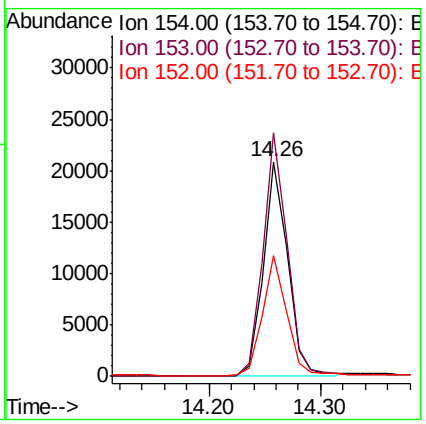


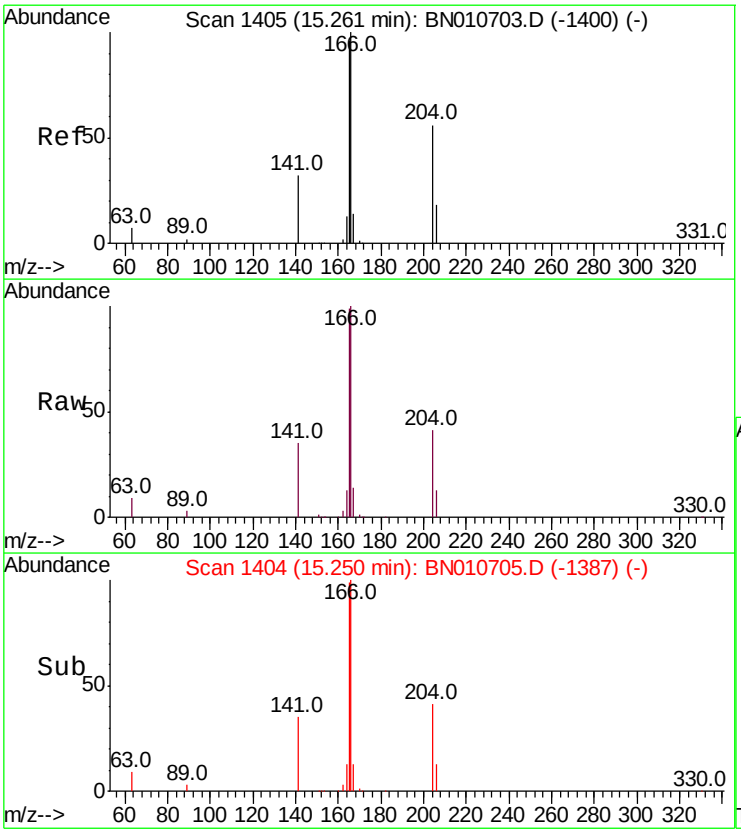
#17
Acenaphthene
Concen: 1.635 ng
RT: 14.26 min Scan# 1315
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 31504

Ion	Ratio	Lower	Upper
154	100		
153	114.5	91.5	137.3
152	56.6	45.6	68.4

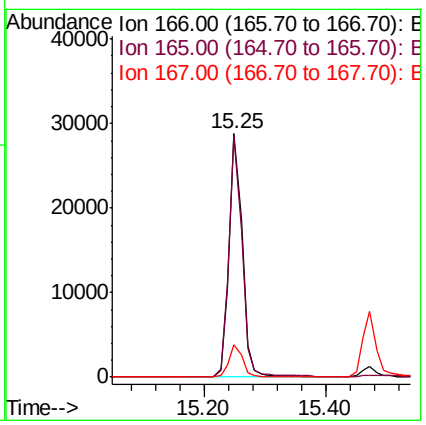


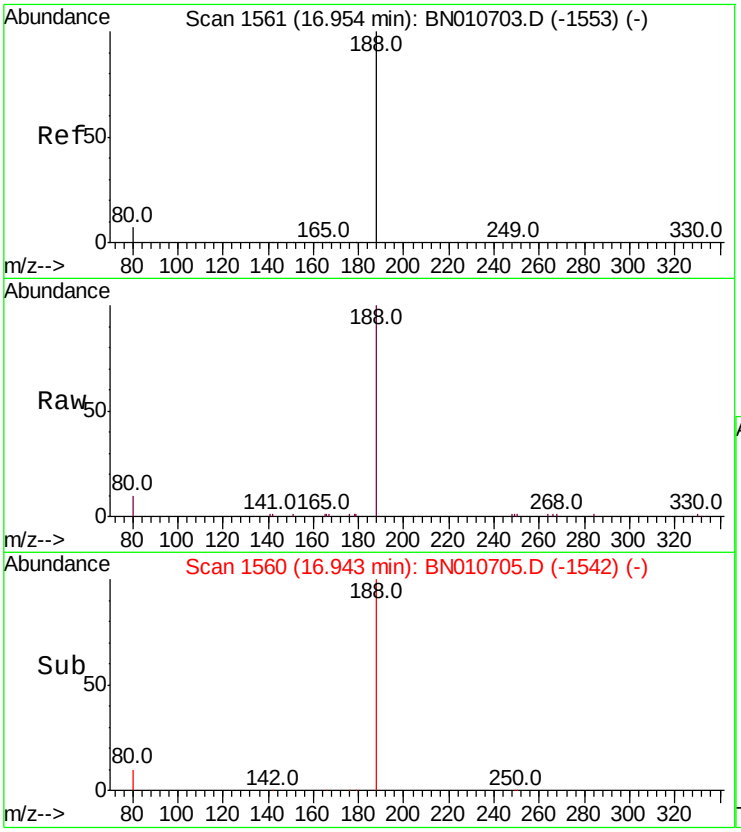


#18
Fluorene
Concen: 1.707 ng
RT: 15.25 min Scan# 1404
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:166 Resp: 43071

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.9	116.9
167	13.5	11.0	16.4



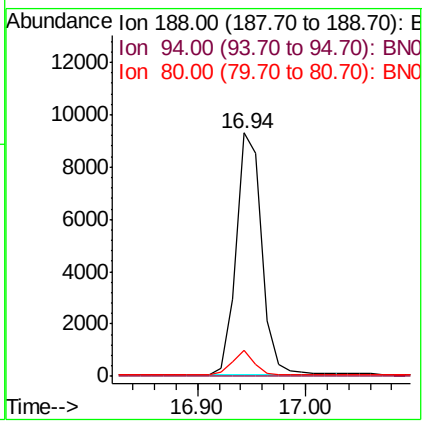


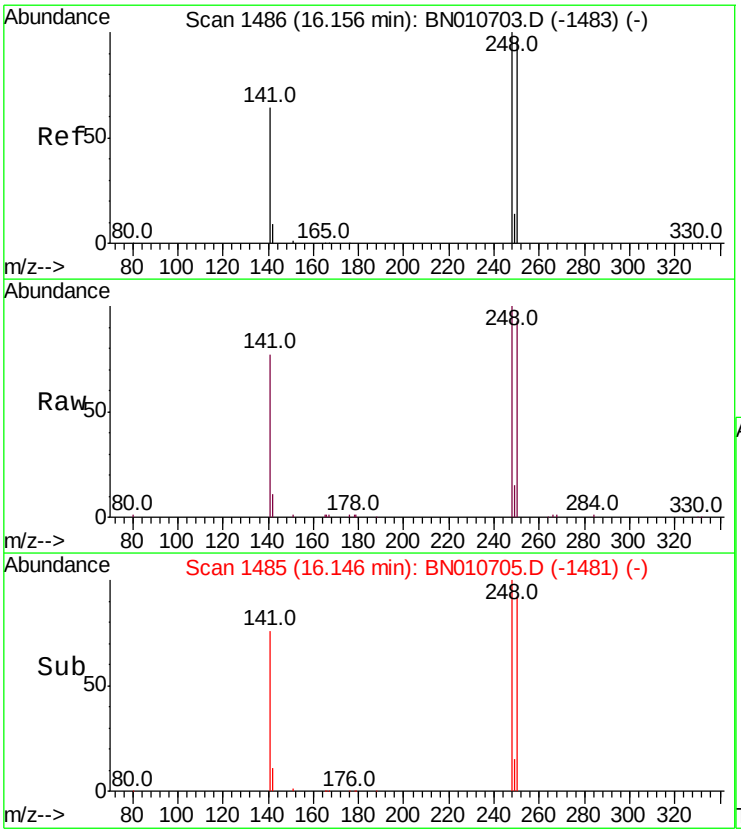
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.94 min Scan# 1560
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 15191

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	6.3	9.5#

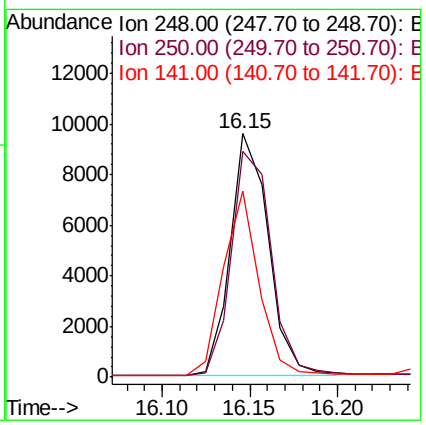


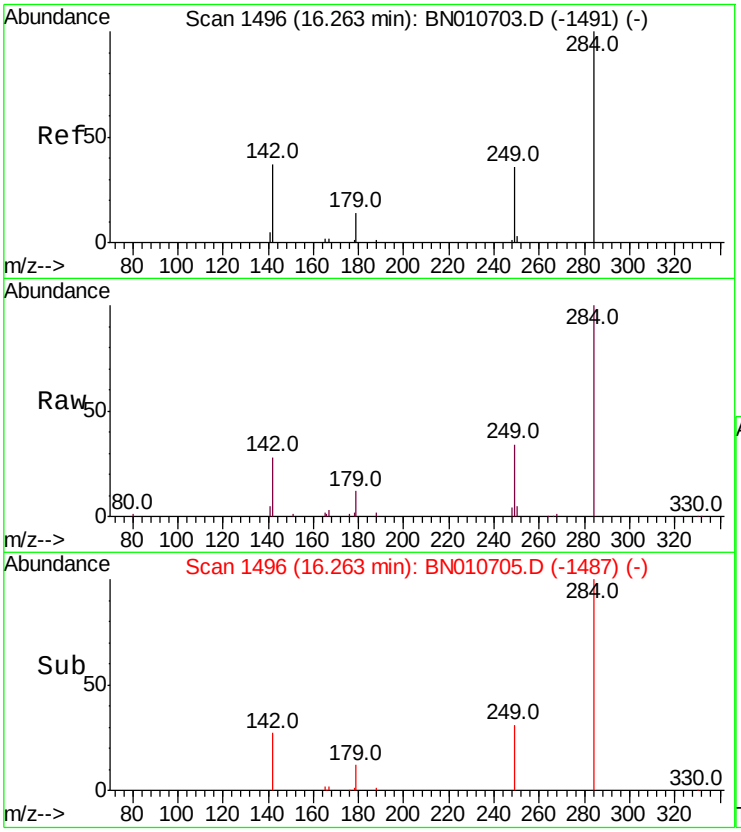


#20
4-Bromophenyl-phenylether
Concen: 1.714 ng
RT: 16.15 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:248 Resp: 14462

Ion	Ratio	Lower	Upper
248	100		
250	92.5	77.4	116.0
141	76.6	53.1	79.7



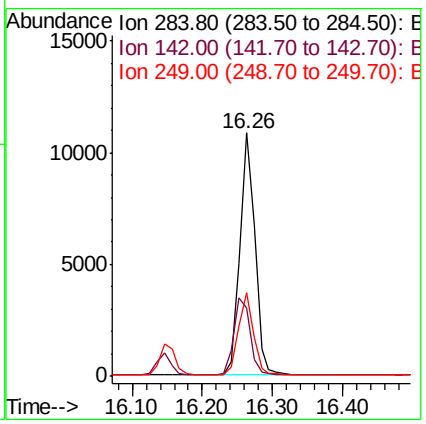


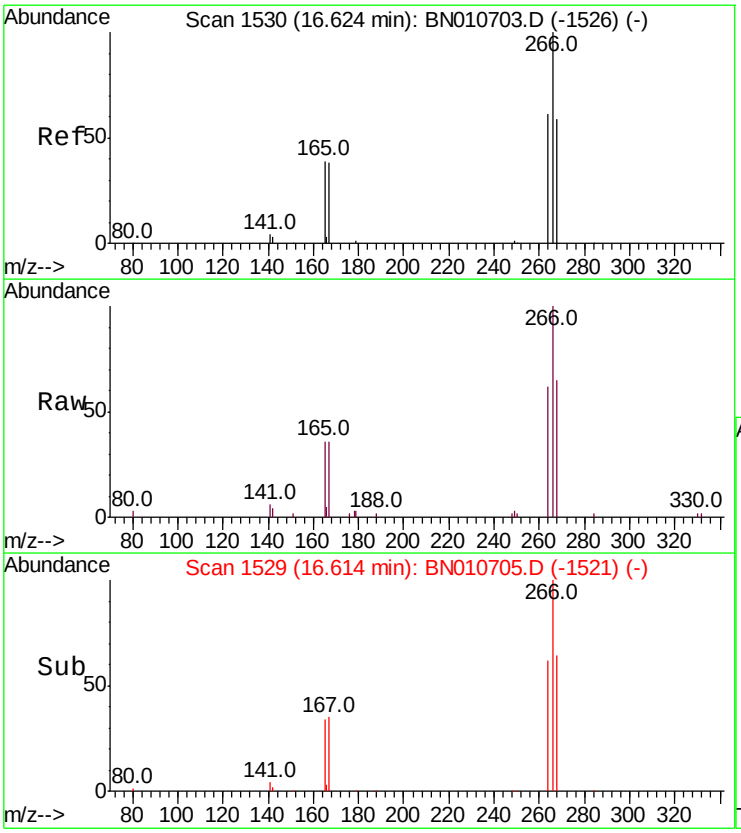
#21
Hexachlorobenzene
Concen: 1.656 ng
RT: 16.26 min Scan# 1496
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 15950

Ion	Ratio	Lower	Upper
284	100		
142	34.7	28.2	42.2
249	33.4	26.4	39.6

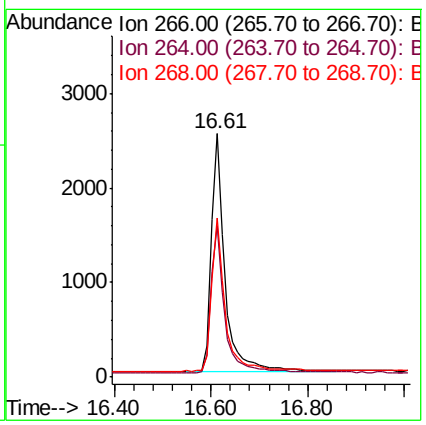


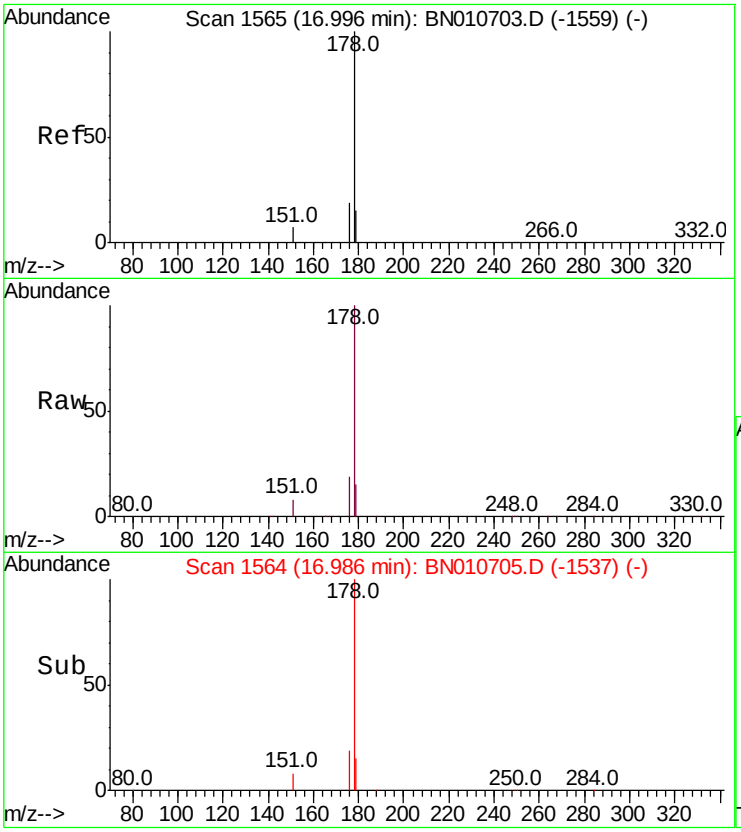


#22
Pentachlorophenol
Concen: 1.319 ng
RT: 16.61 min Scan# 1529
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:266 Resp: 4999

Ion	Ratio	Lower	Upper
266	100		
264	62.3	51.1	76.7
268	65.1	52.1	78.1



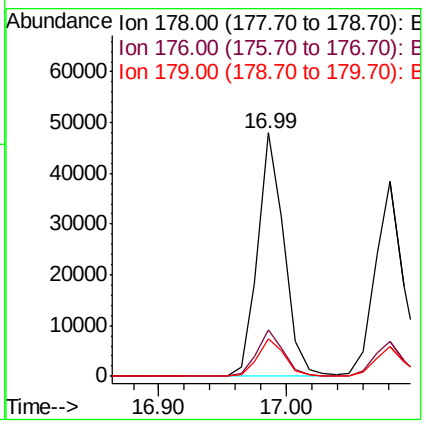


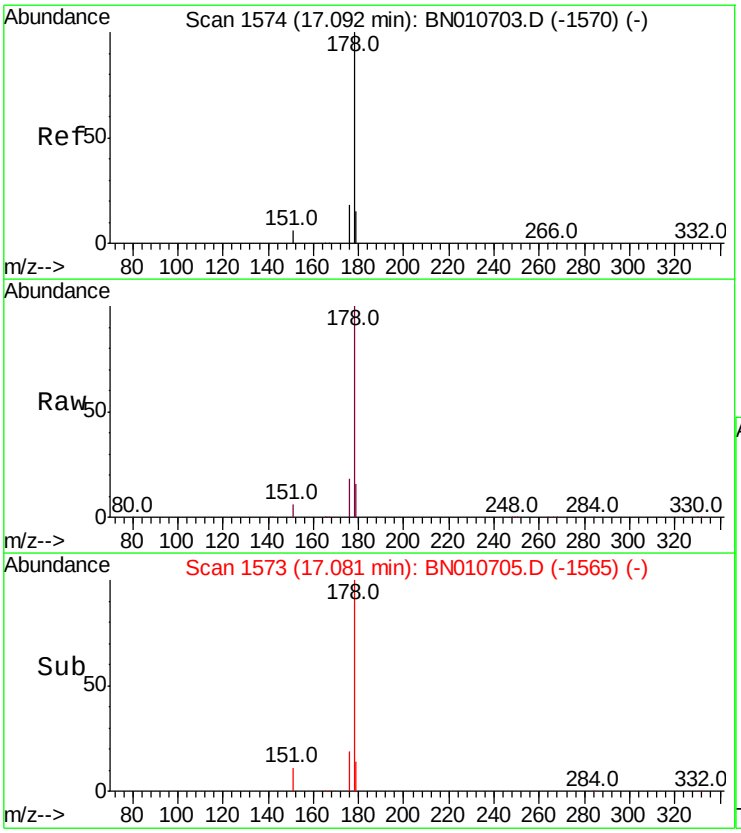
#23
Phenanthrene
Concen: 1.692 ng
RT: 16.99 min Scan# 1564
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 69406

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.2	18.4

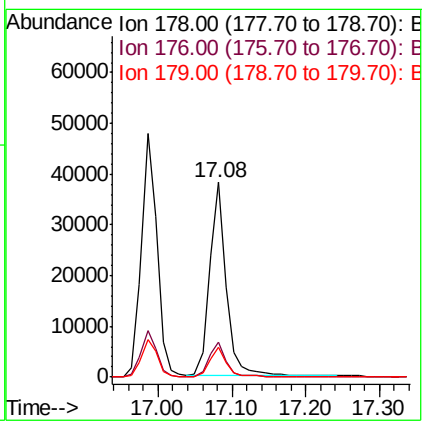


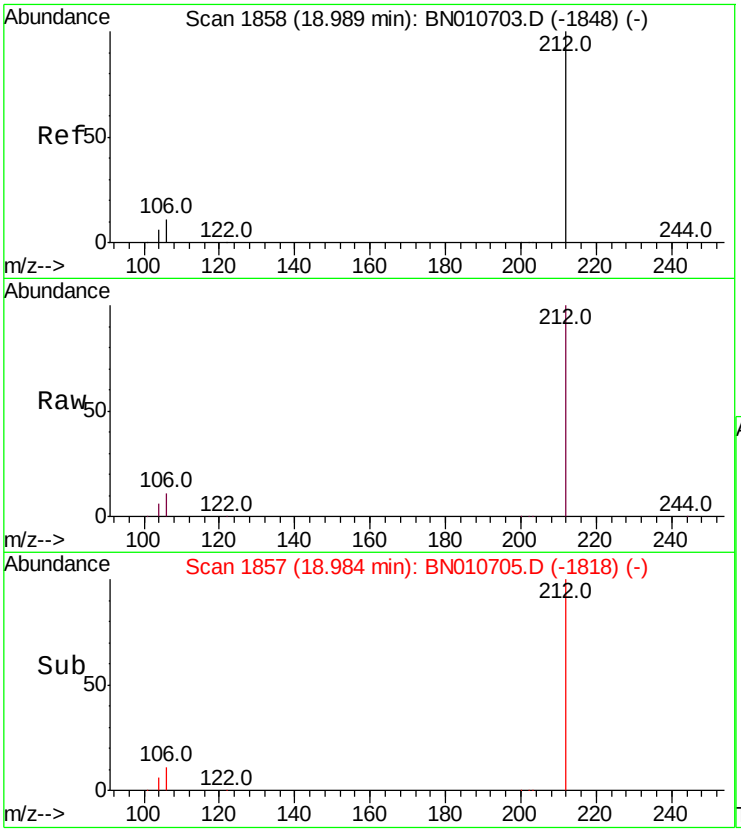


#24
Anthracene
Concen: 1.603 ng
RT: 17.08 min Scan# 1573
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:178 Resp: 60100

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.7	22.1
179	15.4	12.3	18.5



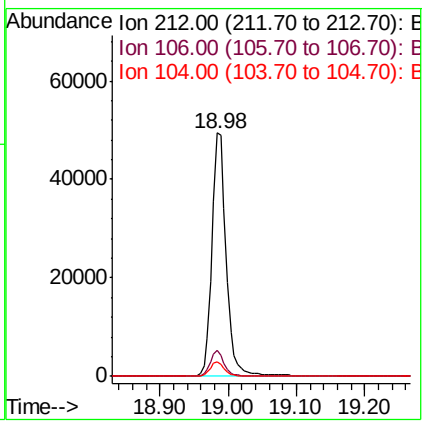


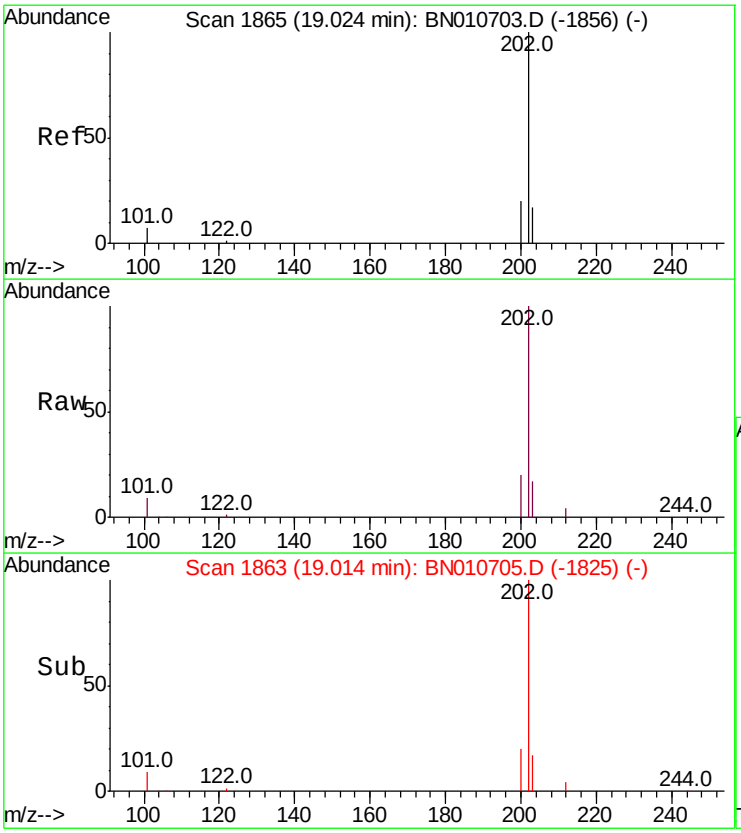
#25
Fluoranthene-d10
Concen: 1.558 ng
RT: 18.98 min Scan# 1857
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 71780

Ion	Ratio	Lower	Upper
212	100		
106	10.2	8.2	12.2
104	5.8	4.7	7.1

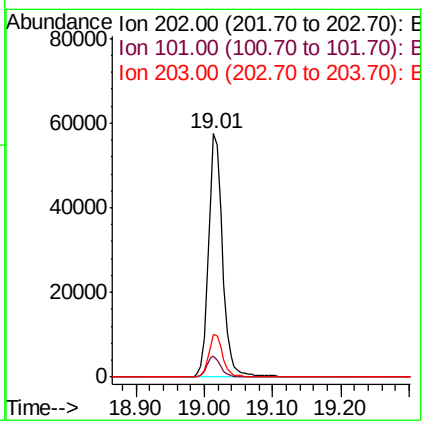


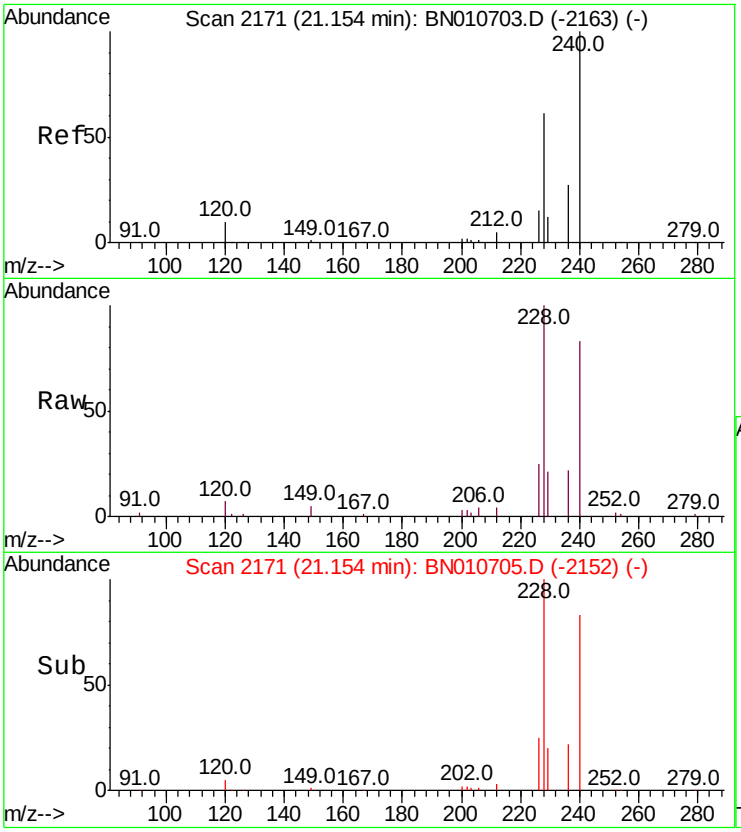


#26
Fluoranthene
Concen: 1.607 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:202 Resp: 82074

Ion	Ratio	Lower	Upper
202	100		
101	8.8	6.7	10.1
203	17.2	13.4	20.0



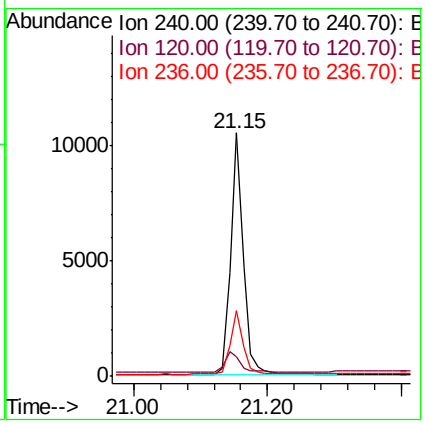


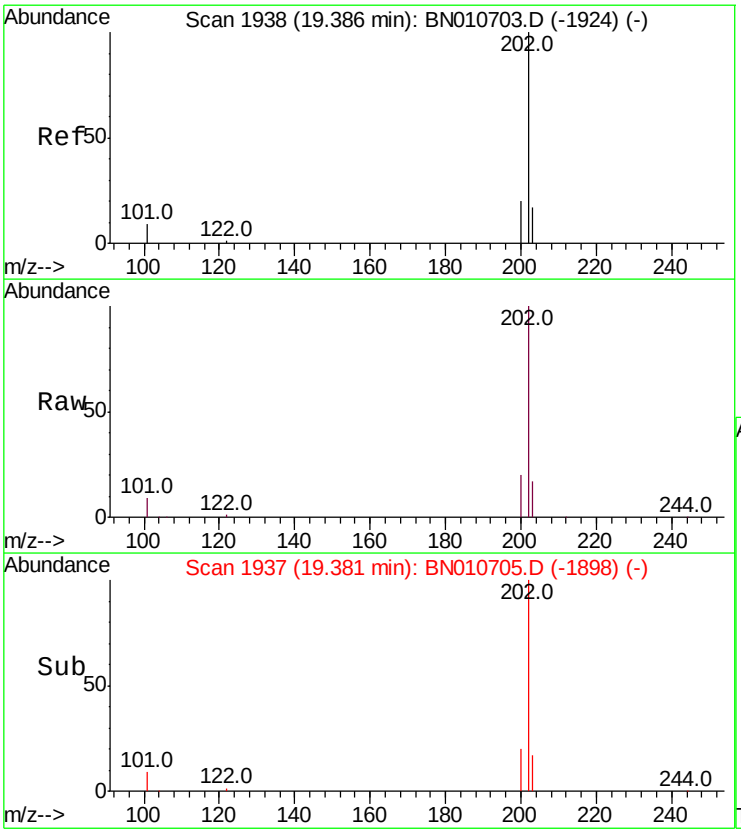
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.15 min Scan# 2171
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 14054

Ion	Ratio	Lower	Upper
240	100		
120	8.1	9.5	14.3#
236	27.1	22.5	33.7

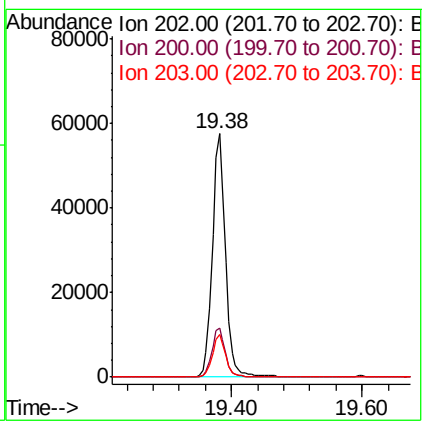


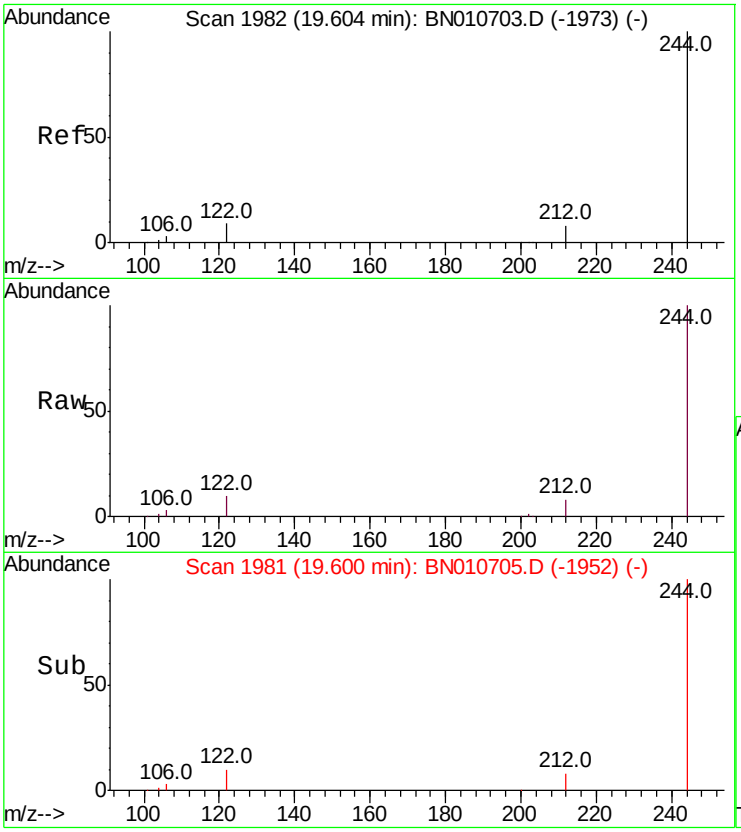


#28
Pyrene
Concen: 1.689 ng
RT: 19.38 min Scan# 1937
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:202 Resp: 79897

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.2	24.4
203	17.5	14.1	21.1



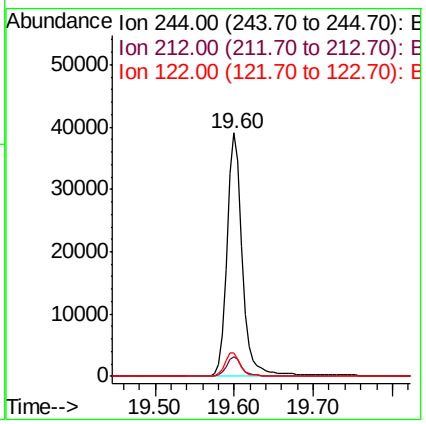


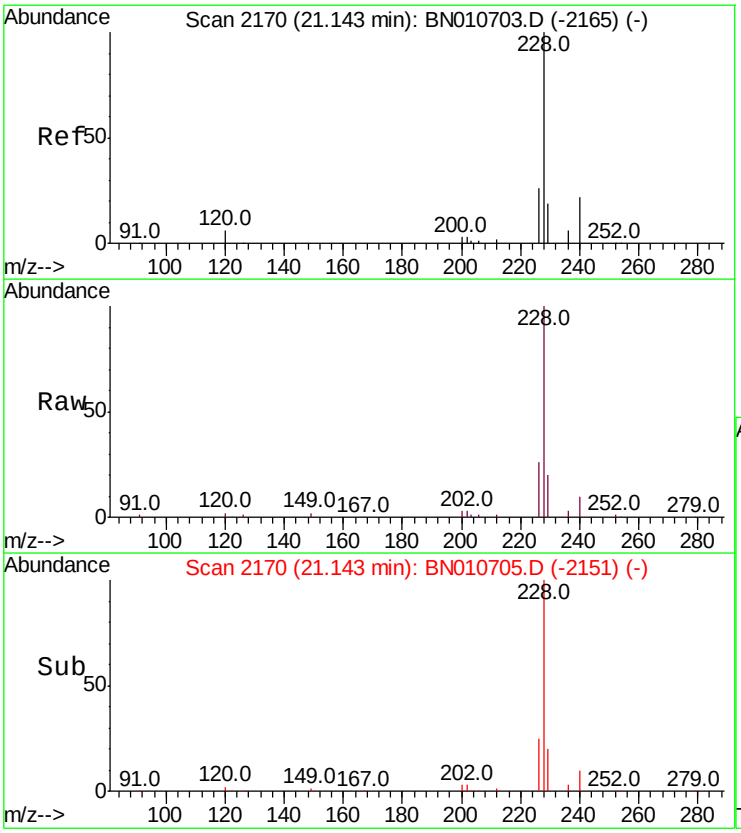
#29
Terphenyl-d14
Concen: 1.663 ng
RT: 19.60 min Scan# 1981
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 53500

Ion	Ratio	Lower	Upper
244	100		
212	7.9	6.8	10.2
122	9.7	8.1	12.1

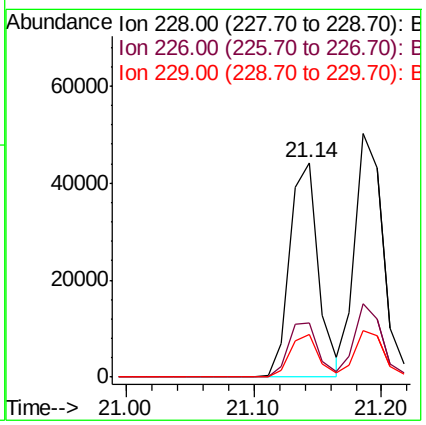


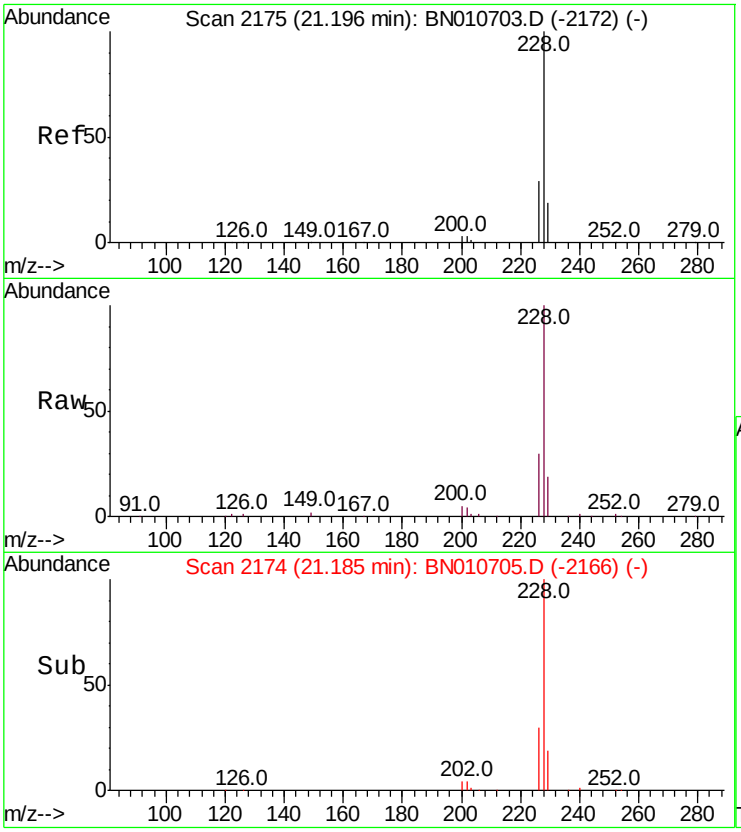


#30
Benzo(a)anthracene
Concen: 1.486 ng
RT: 21.14 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:228 Resp: 68138

Ion	Ratio	Lower	Upper
228	100		
226	25.5	21.3	31.9
229	20.0	16.0	24.0



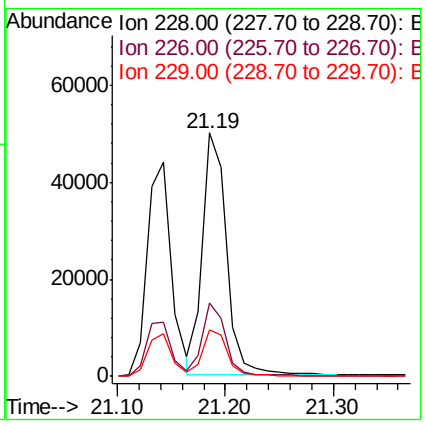


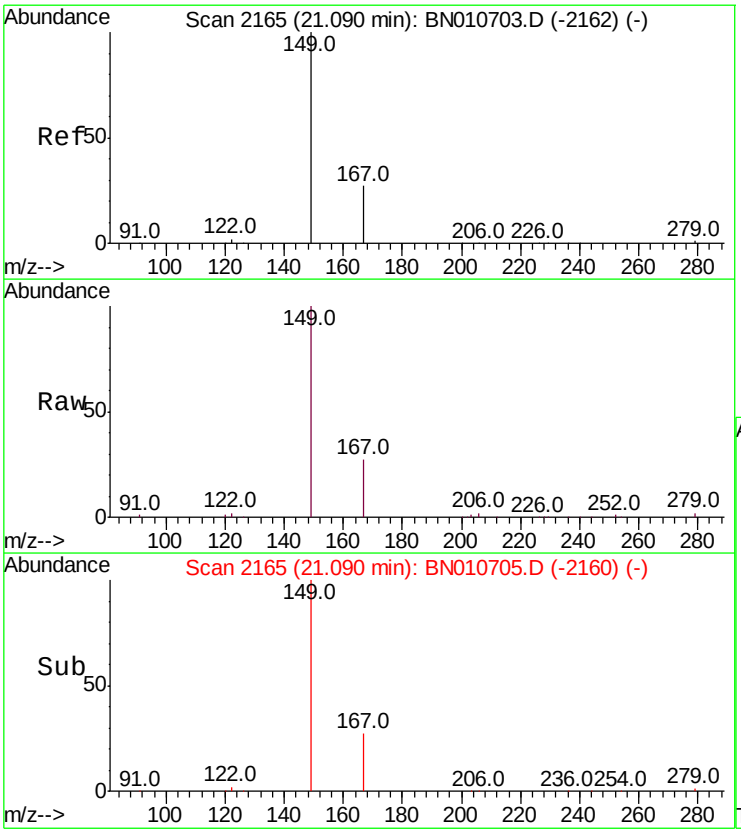
#31
Chrysene
Concen: 1.674 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 76455

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.0
229	19.2	16.1	24.1

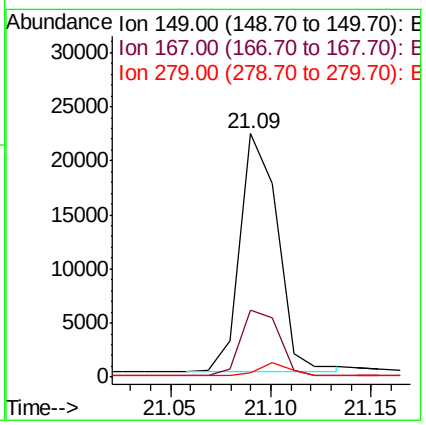


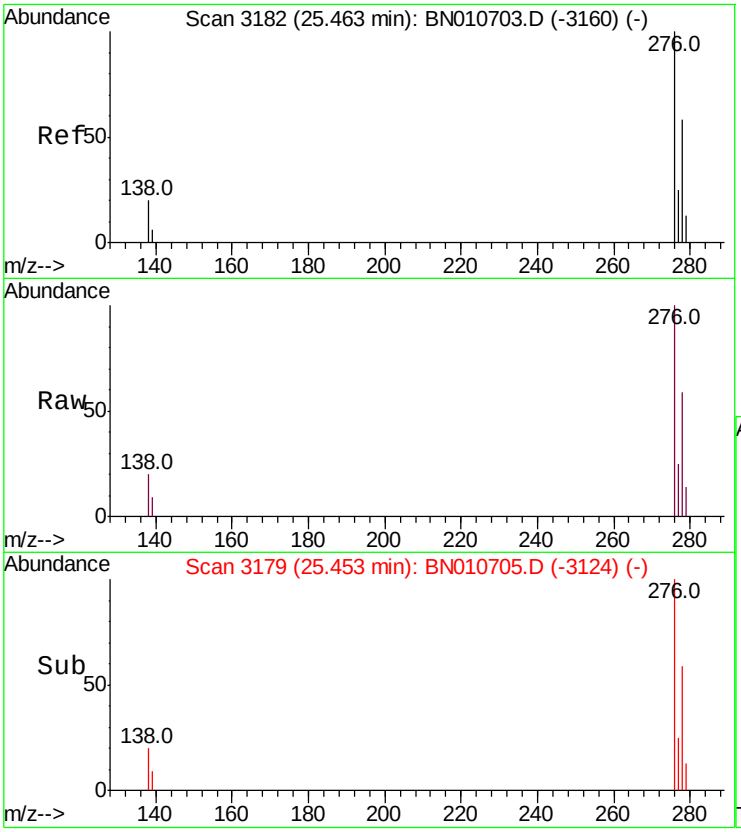


#32
Bis(2-ethylhexyl)phthalate
Concen: 1.208 ng
RT: 21.09 min Scan# 2165
Delta R.T. 0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:149 Resp: 28420

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.5	33.7
279	4.6	4.1	6.1



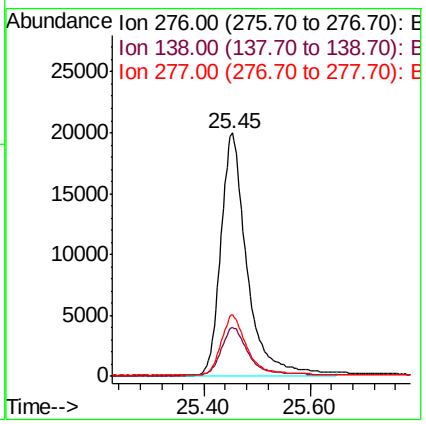


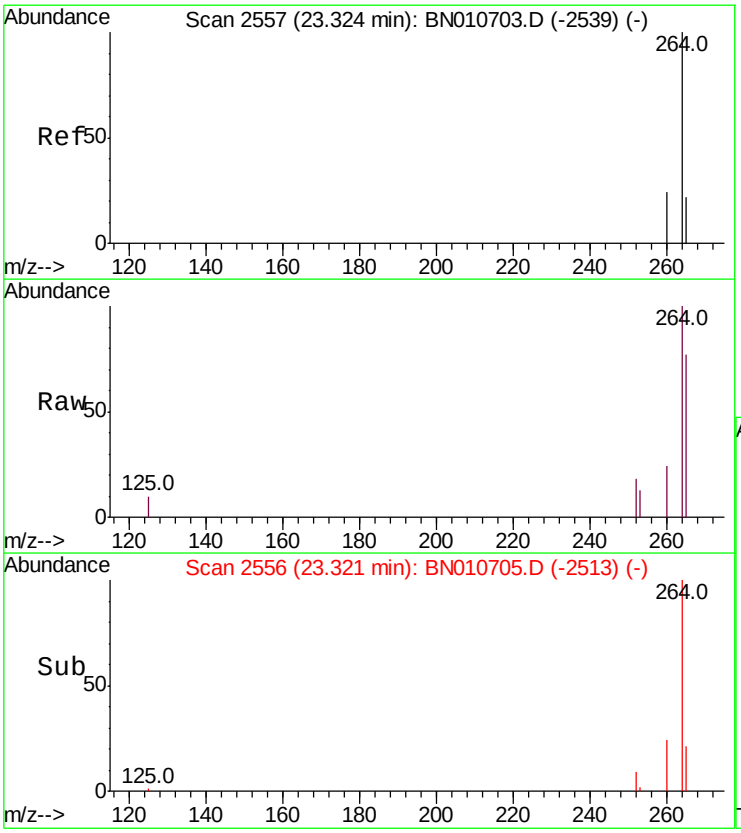
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.686 ng
RT: 25.45 min Scan# 3179
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 68098

Ion	Ratio	Lower	Upper
276	100		
138	20.7	15.1	22.7
277	24.8	19.4	29.0

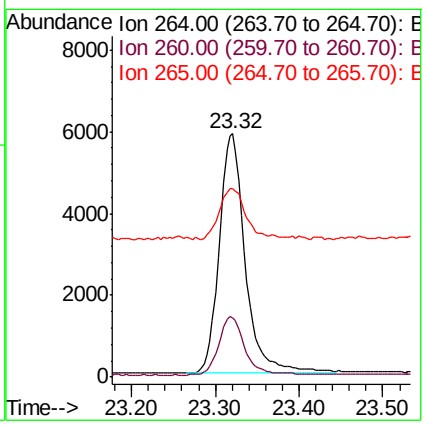


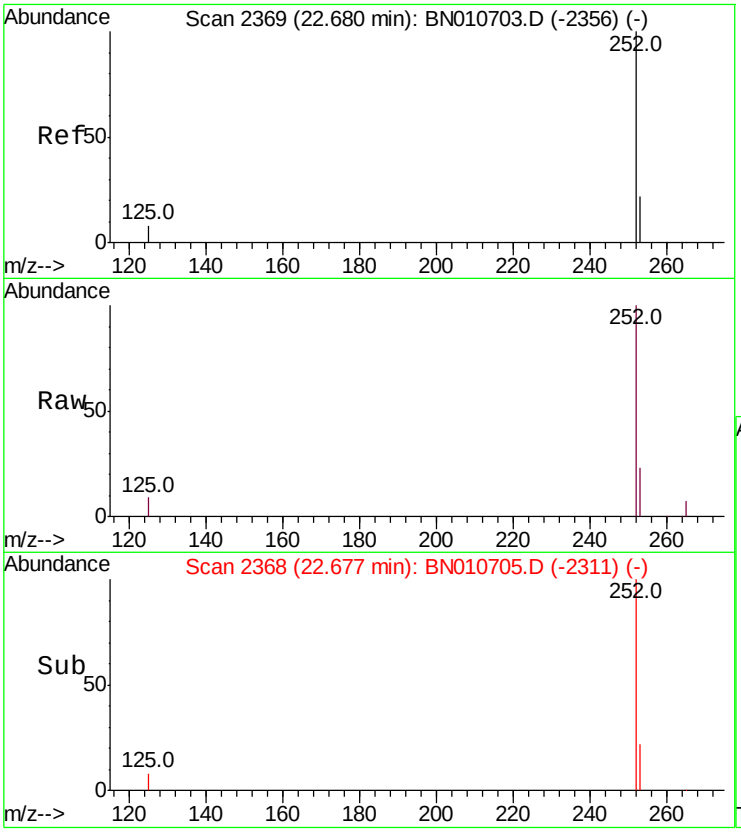


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.32 min Scan# 2556
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:264 Resp: 12594

Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.6	29.4
265	77.5	70.1	105.1



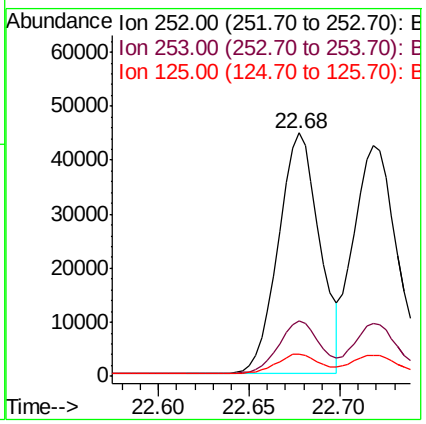


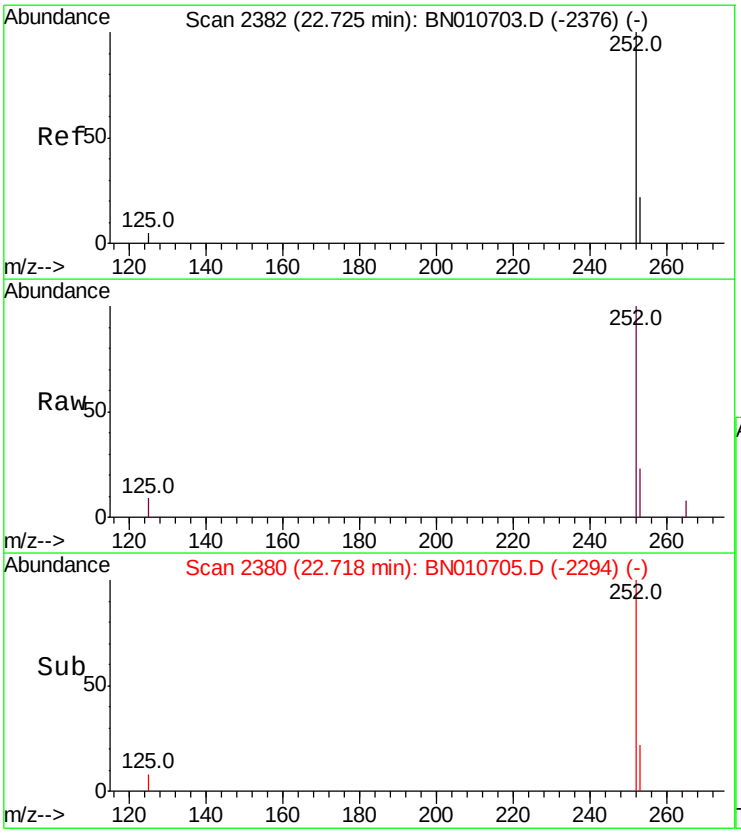
#35
Benzo(b)fluoranthene
Concen: 1.707 ng
RT: 22.68 min Scan# 2368
Delta R.T. -0.00 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 70757

Ion	Ratio	Lower	Upper
252	100		
253	22.6	22.0	33.0
125	9.0	10.8	16.2#

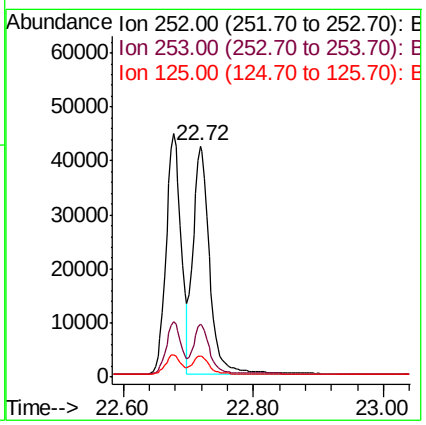


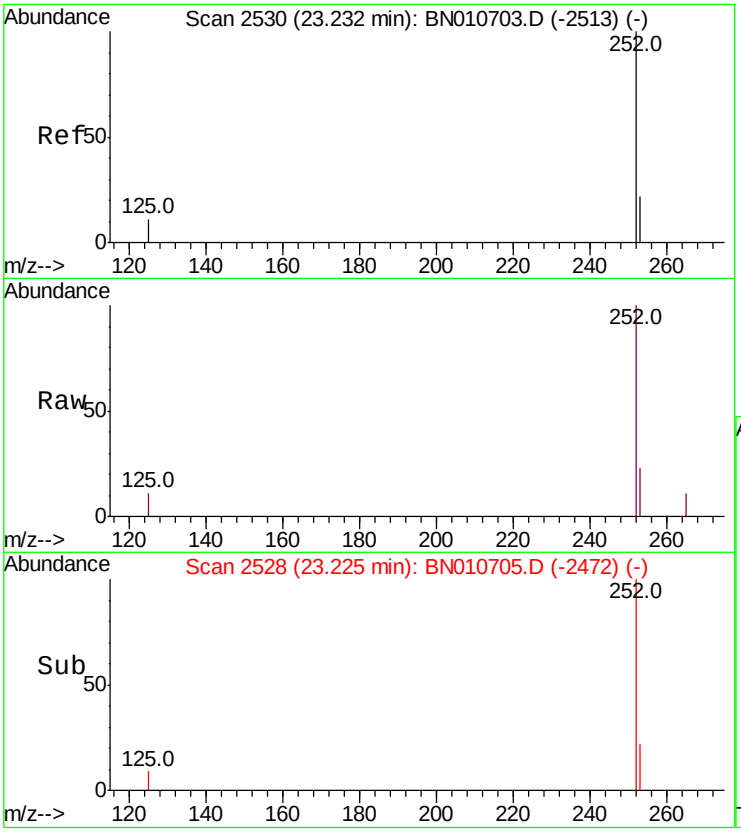


#36
Benzo(k)fluoranthene
Concen: 1.815 ng
RT: 22.72 min Scan# 2380
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:252 Resp: 75428

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.9	32.9
125	9.2	11.1	16.7#



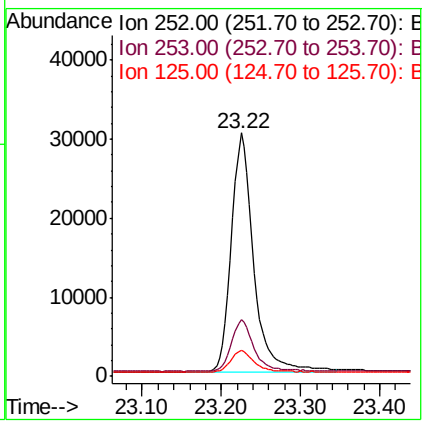


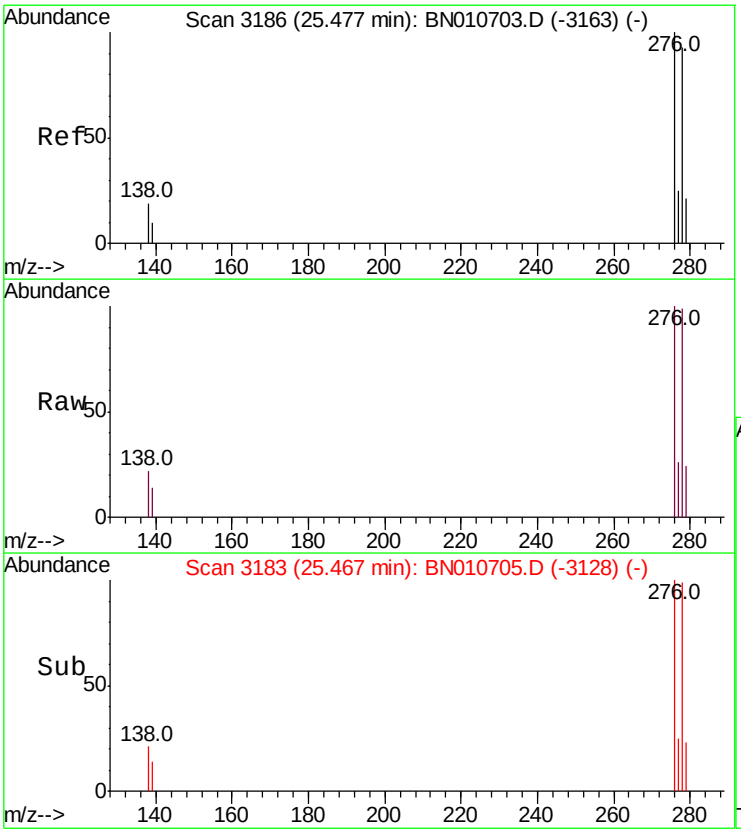
#37
Benzo(a)pyrene
Concen: 1.636 ng
RT: 23.22 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 60037

Ion	Ratio	Lower	Upper
252	100		
253	23.2	24.8	37.2#
125	10.8	15.8	23.6#

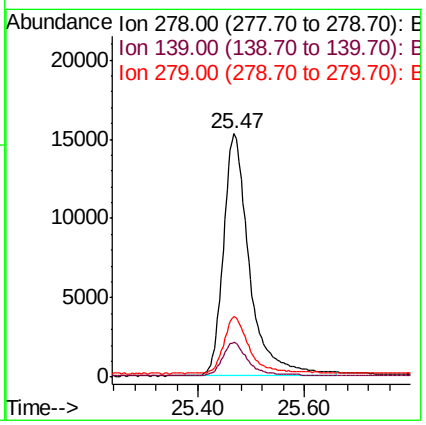


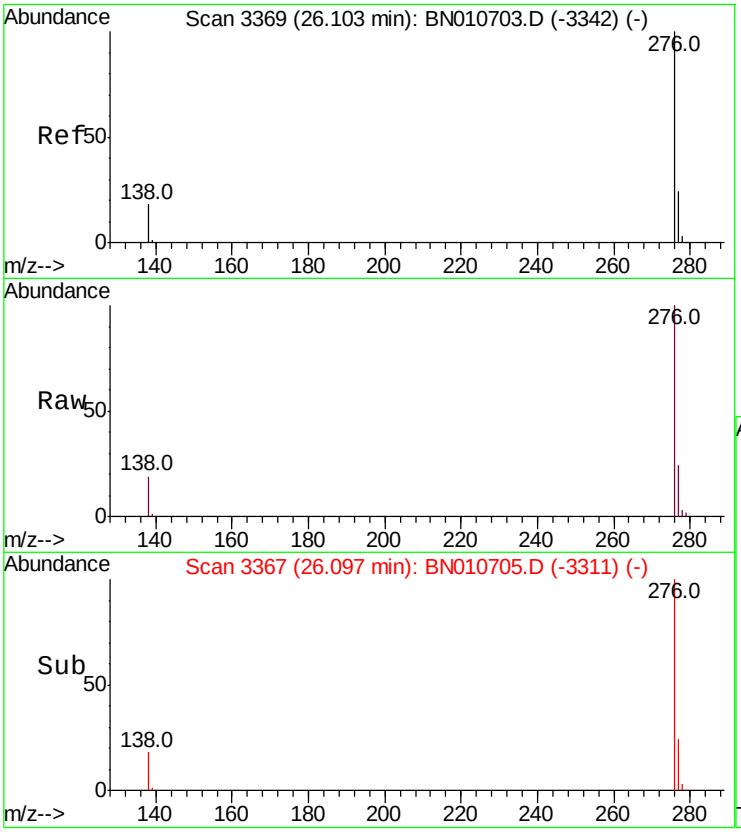


#38
Dibenzo(a,h)anthracene
Concen: 1.563 ng
RT: 25.47 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Tgt Ion:278 Resp: 52448

Ion	Ratio	Lower	Upper
278	100		
139	14.2	13.0	19.4
279	24.6	25.1	37.7#





#39
Benzo(g,h,i)perylene
Concen: 1.787 ng
RT: 26.10 min Scan# 3367
Delta R.T. -0.01 min
Lab File: BN010705.D
Acq: 13 May 2020 12:33

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 60343

Ion	Ratio	Lower	Upper
276	100		
277	24.0	20.6	30.8
138	18.6	16.0	24.0