Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010468.D
Acq On : 13 Apr 2020 15:35
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Apr 13 16:11:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4567	0.40	ng		0.00
7) Naphthalene-d8	10.37	136	17819	0.40	ng		0.00
13) Acenaphthene-d10	14.22	164	11451	0.40	ng		0.00
19) Phenanthrene-d10	16.97	188	25462	0.40	ng		0.00
27) Chrysene-d12	21.19	240	26520	0.40	ng		0.00
34) Perylene-d12	23.36	264	22698	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	16370	1.81	ng		0.00
5) Phenol-d6	6.79	99	21721	1.93	ng		0.00
8) Nitrobenzene-d5	8.74	82	20859	1.83	ng		0.00
11) 2-Methylnaphthalene-d10	11.96	152	49302	1.73	ng		0.00
14) 2,4,6-Tribromophenol	15.73	330	9371	2.13	ng		0.00
15) 2-Fluorobiphenyl	12.85	172	69350	1.58	ng		0.00
25) Fluoranthene-d10	19.01	212	131038	1.71	ng		0.00
29) Terphenyl-d14	19.62	244	100044	1.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.25	88	5681	1.325	ng		98
3) n-Nitrosodimethylamine	3.55	42	3868	1.067	ng	#	93
6) bis(2-Chloroethyl)ether	7.04	93	18702	1.732	ng		99
9) Naphthalene	10.42	128	73815	1.661	ng		99
10) Hexachlorobutadiene	10.72	225	17731	1.646	ng	#	100
12) 2-Methylnaphthalene	12.03	142	53569	1.739	ng		98
16) Acenaphthylene	13.95	152	84531	1.881	ng		100
17) Acenaphthene	14.29	154	52430	1.638	ng		99
18) Fluorene	15.28	166	70136	1.649	ng		99
20) 4-Bromophenyl-phenylether	16.18	248	24426	1.581	ng	#	90
21) Hexachlorobenzene	16.29	284	26944	1.698	ng		100
22) Pentachlorophenol	16.63	266	10795	1.988	ng		98
23) Phenanthrene	17.02	178	115898	1.656	ng		100
24) Anthracene	17.11	178	108995	1.821	ng		100
26) Fluoranthene	19.05	202	146187	1.705	ng		100
28) Pyrene	19.41	202	146566	1.775	ng		100
30) Benzo(a)anthracene	21.16	228	144231	1.708	ng		100
31) Chrysene	21.22	228	140270	1.549	ng		99
32) Bis(2-ethylhexyl)phthalate	21.12	149	71300	2.502	ng		100
33) Indeno(1,2,3-cd)pyrene	25.51	276	124555	1.284	ng		100
35) Benzo(b)fluoranthene	22.71	252	124254	1.611	ng	#	94
36) Benzo(k)fluoranthene	22.76	252	124384	1.585	ng	#	94
37) Benzo(a)pyrene	23.26	252	110149	1.693	ng	#	91
38) Dibenzo(a,h)anthracene	25.52	278	101230	1.439	ng		95
39) Benzo(g,h,i)perylene	26.16	276	100885	1.425	ng		97

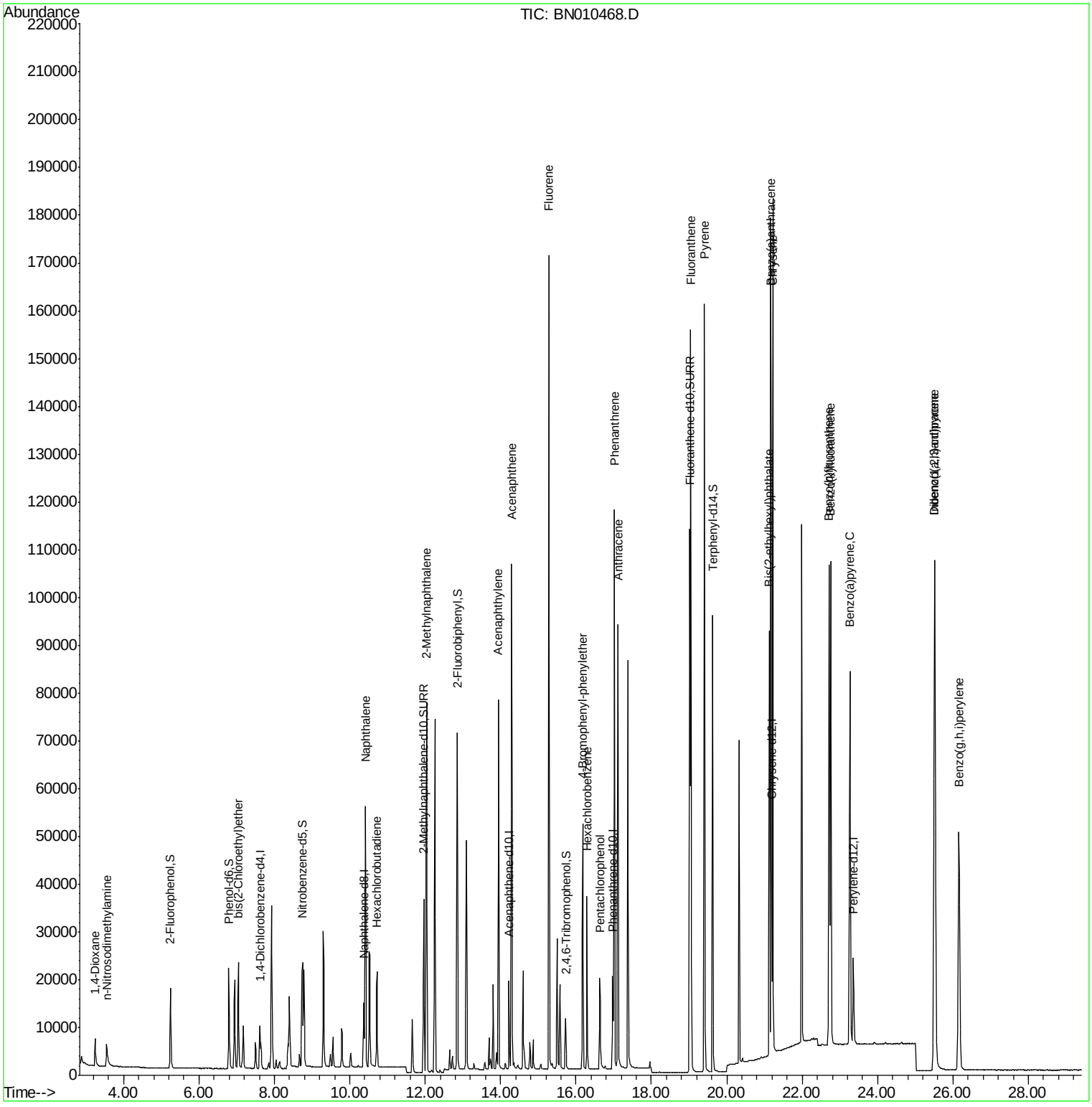
(#) = qualifier out of range (m) = manual integration (+) = signals summed

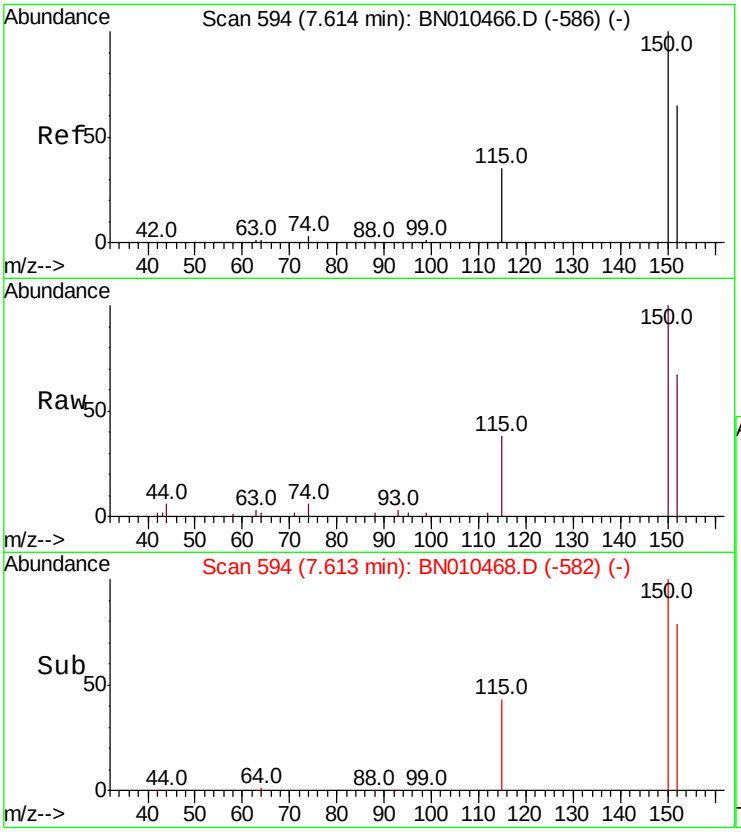
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN041320\
Data File : BN010468.D
Acq On : 13 Apr 2020 15:35
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Apr 13 16:11:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN041320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 13 14:54:53 2020
Response via : Initial Calibration



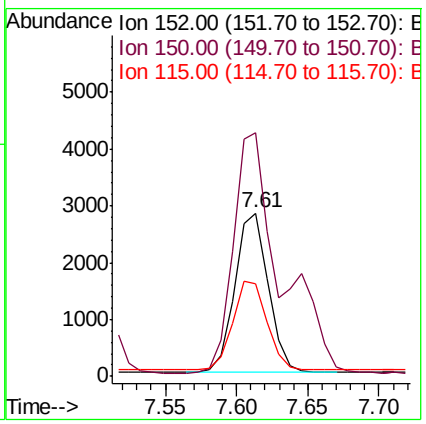


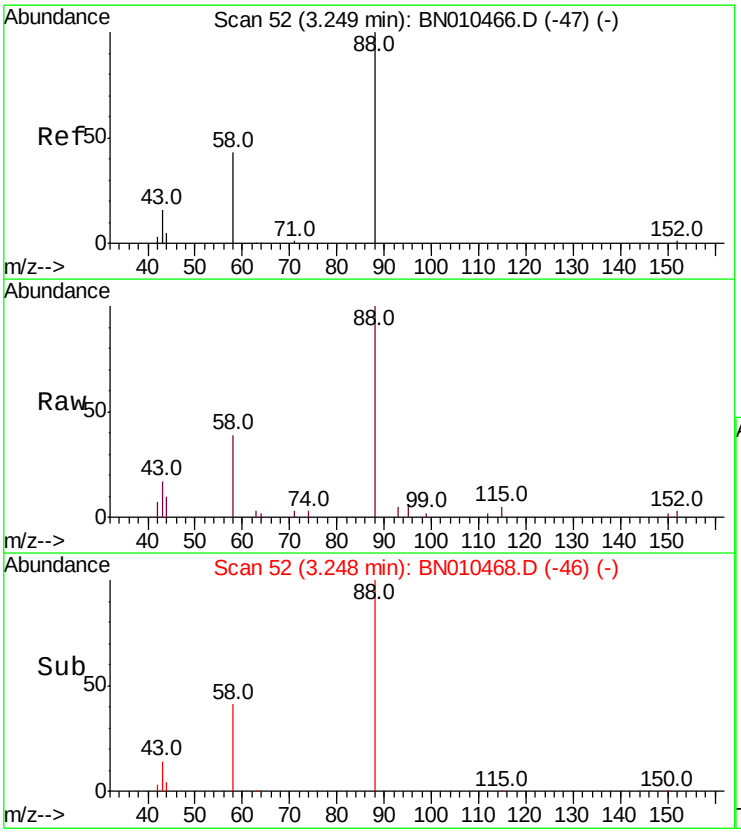
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.61 min Scan# 594
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 4567

Ion	Ratio	Lower	Upper
152	100		
150	149.3	121.8	182.6
115	56.8	45.5	68.3

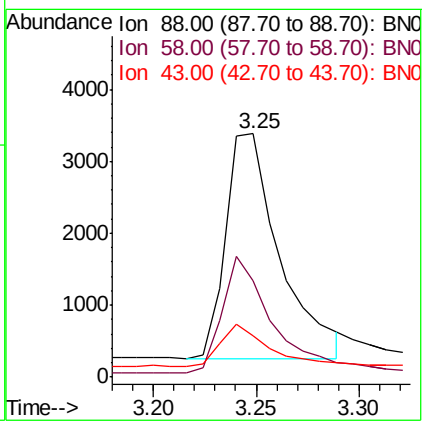


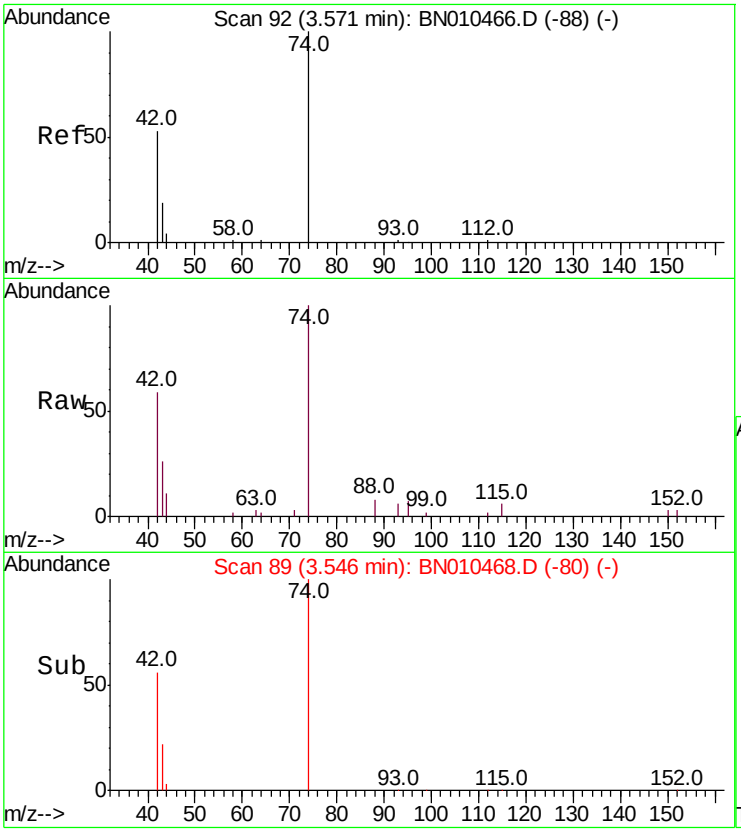


#2
1,4-Dioxane
Concen: 1.325 ng
RT: 3.25 min Scan# 52
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion: 88 Resp: 5681

Ion	Ratio	Lower	Upper
88	100		
58	46.7	36.5	54.7
43	17.2	13.2	19.8



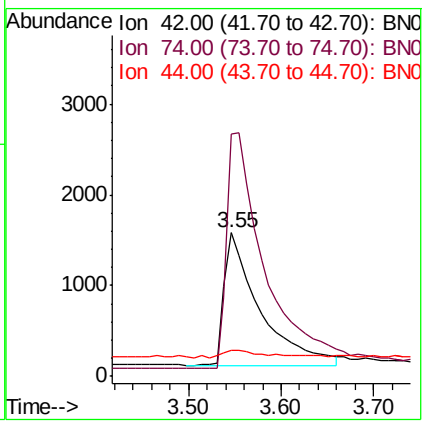


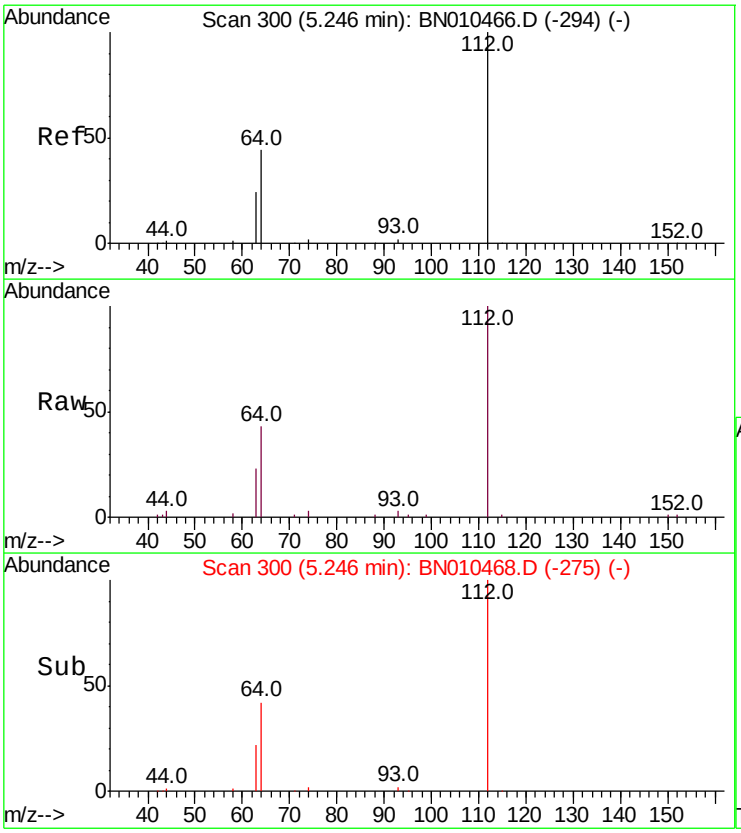
#3
n-Nitrosodimethylamine
Concen: 1.067 ng
RT: 3.55 min Scan# 89
Delta R.T. -0.02 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 3868

Ion	Ratio	Lower	Upper
42	100		
74	192.3	162.2	243.4
44	8.5	2.4	3.6#

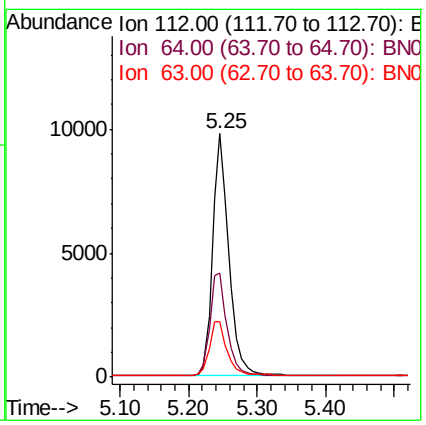


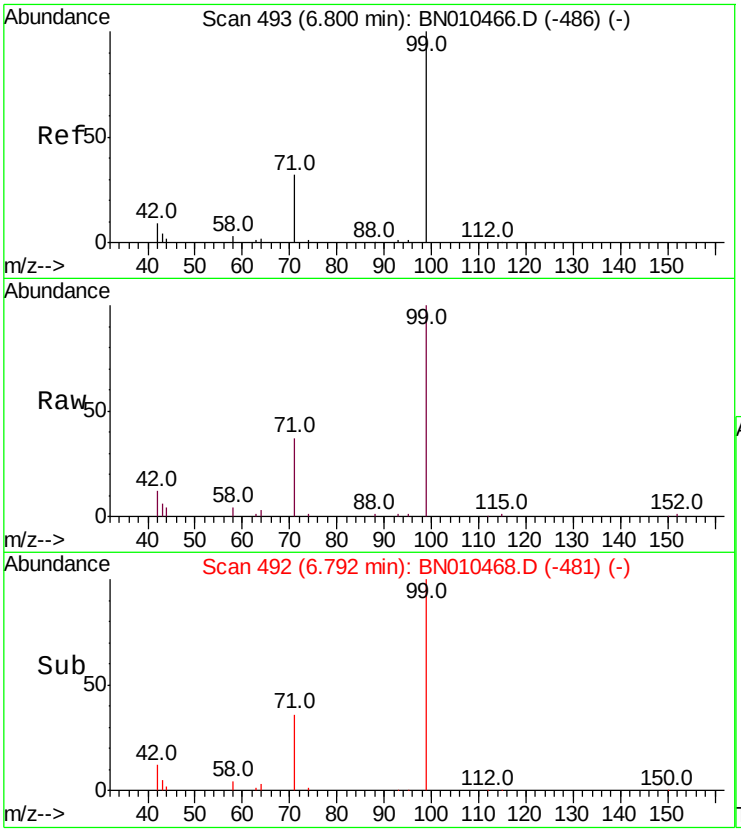


#4
2-Fluorophenol
Concen: 1.811 ng
RT: 5.25 min Scan# 300
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:112 Resp: 16370

Ion	Ratio	Lower	Upper
112	100		
64	44.8	35.8	53.8
63	23.6	19.9	29.9



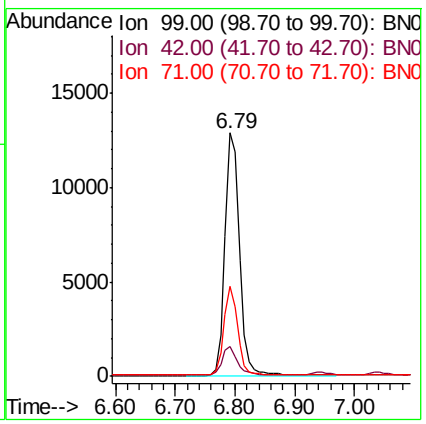


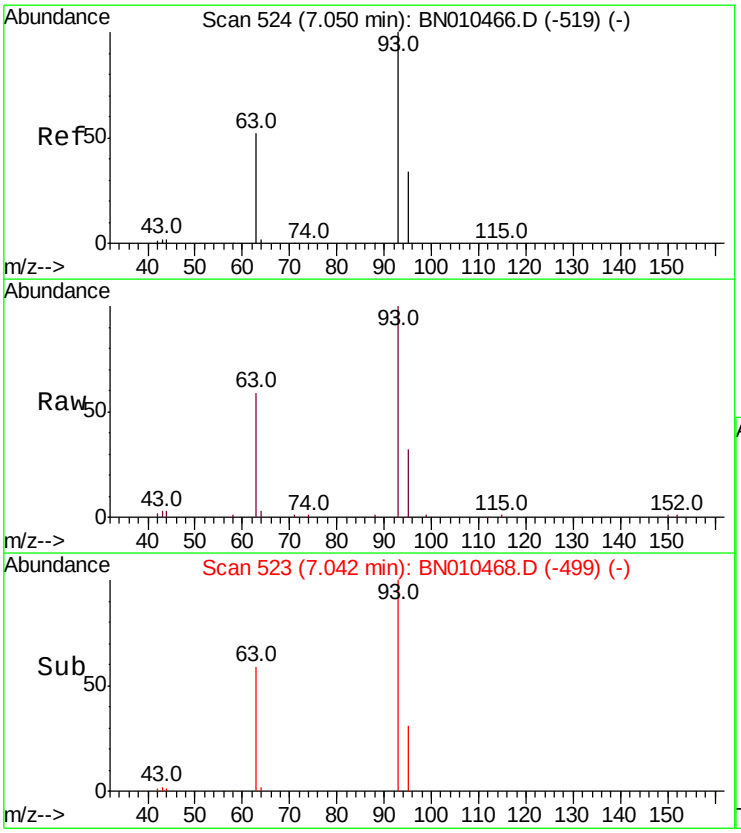
#5
Phenol-d6
Concen: 1.932 ng
RT: 6.79 min Scan# 492
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 21721

Ion	Ratio	Lower	Upper
99	100		
42	11.9	9.8	14.6
71	34.9	27.8	41.8

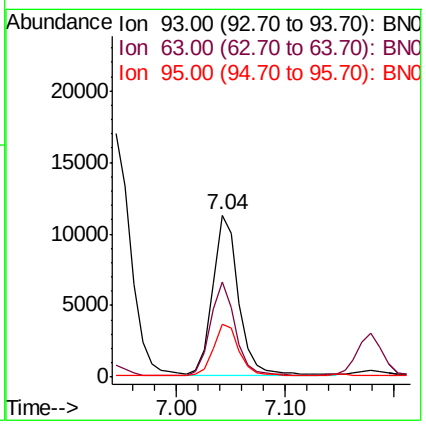


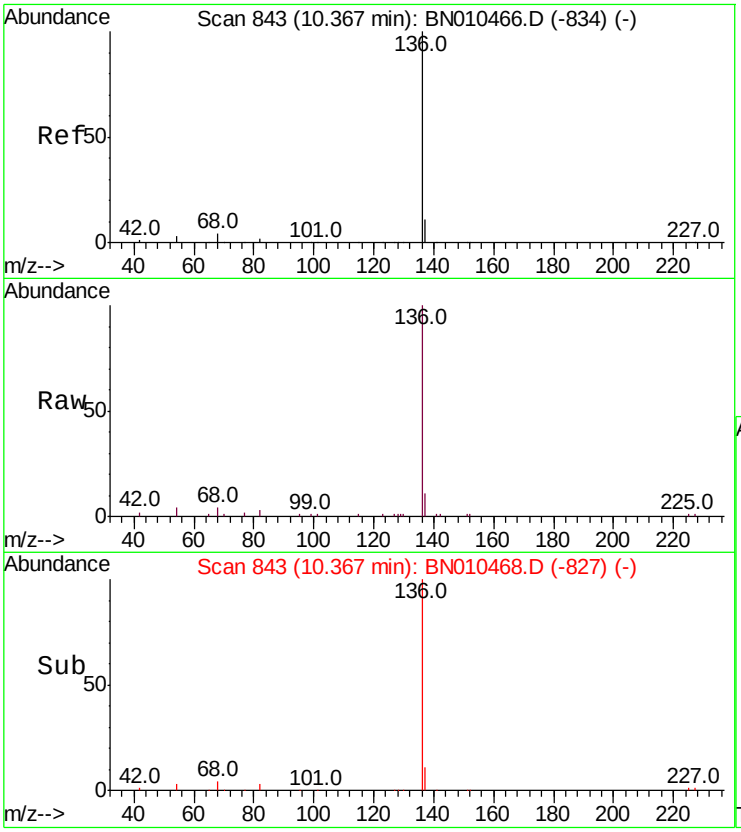


#6
bis(2-Chloroethyl)ether
Concen: 1.732 ng
RT: 7.04 min Scan# 523
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion: 93 Resp: 18702

Ion	Ratio	Lower	Upper
93	100		
63	55.9	44.6	66.8
95	32.1	26.5	39.7



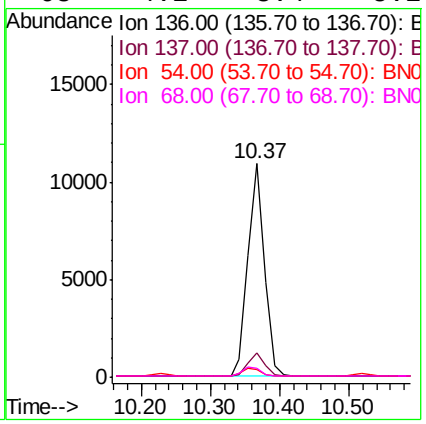


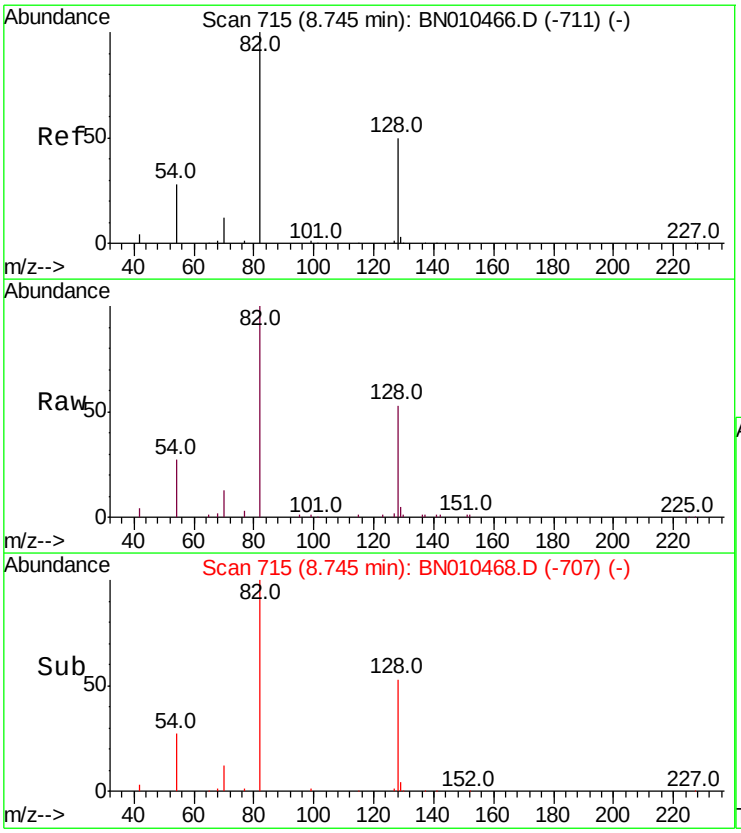
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.37 min Scan# 843
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 17819

Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.9	13.3
54	3.6	2.6	4.0
68	4.2	3.4	5.2

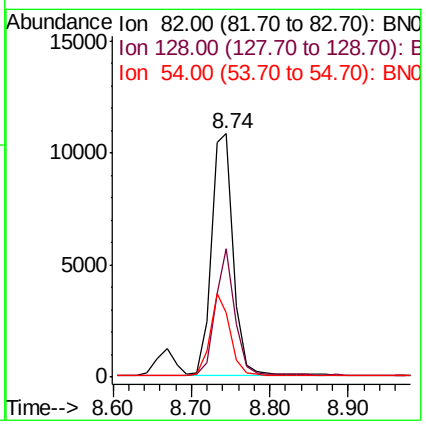


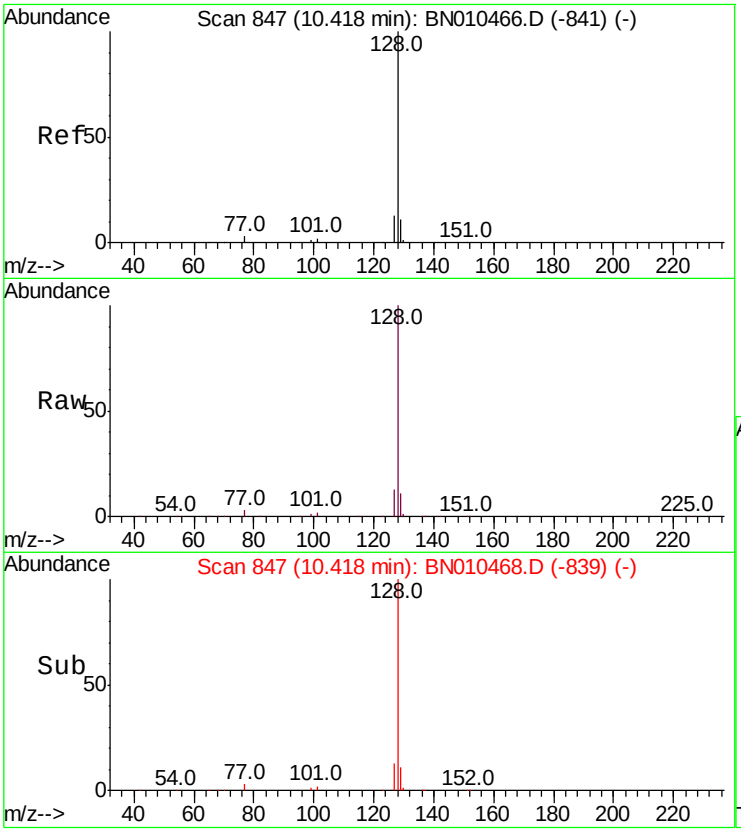


#8
Nitrobenzene-d5
Concen: 1.827 ng
RT: 8.74 min Scan# 715
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion: 82 Resp: 20859

Ion	Ratio	Lower	Upper
82	100		
128	52.6	41.3	61.9
54	26.7	23.4	35.0



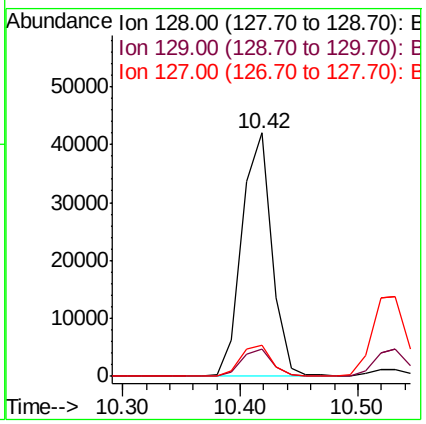


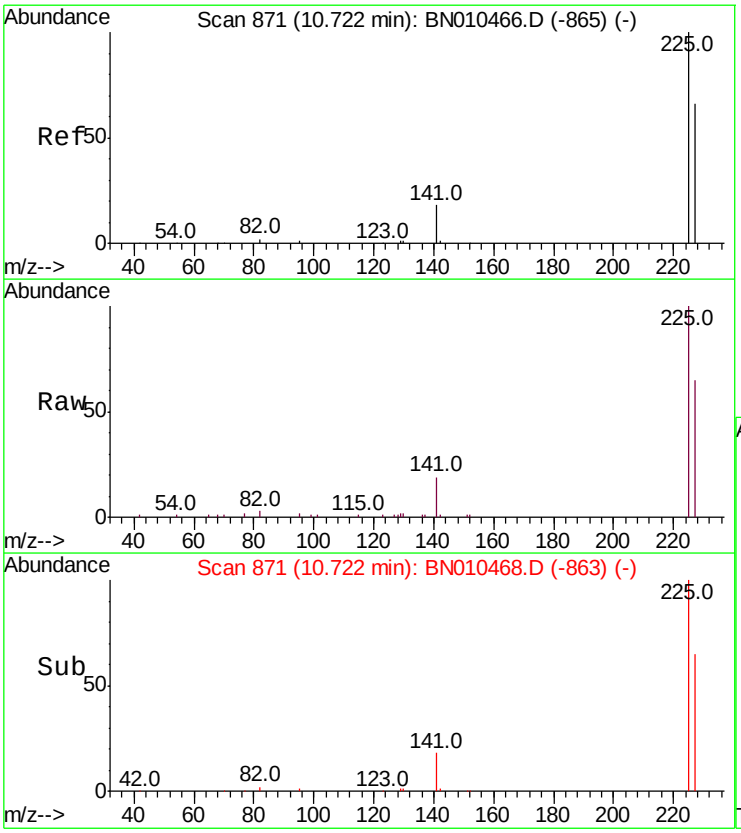
#9
Naphthalene
Concen: 1.661 ng
RT: 10.42 min Scan# 847
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 73815

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	12.9	10.5	15.7

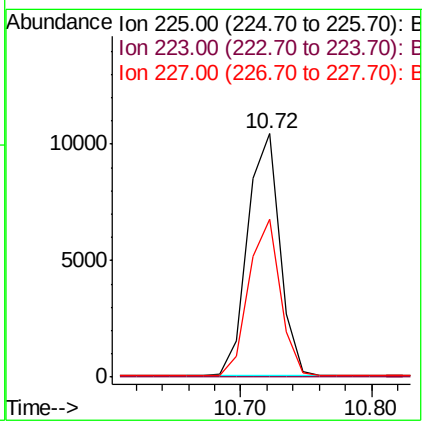


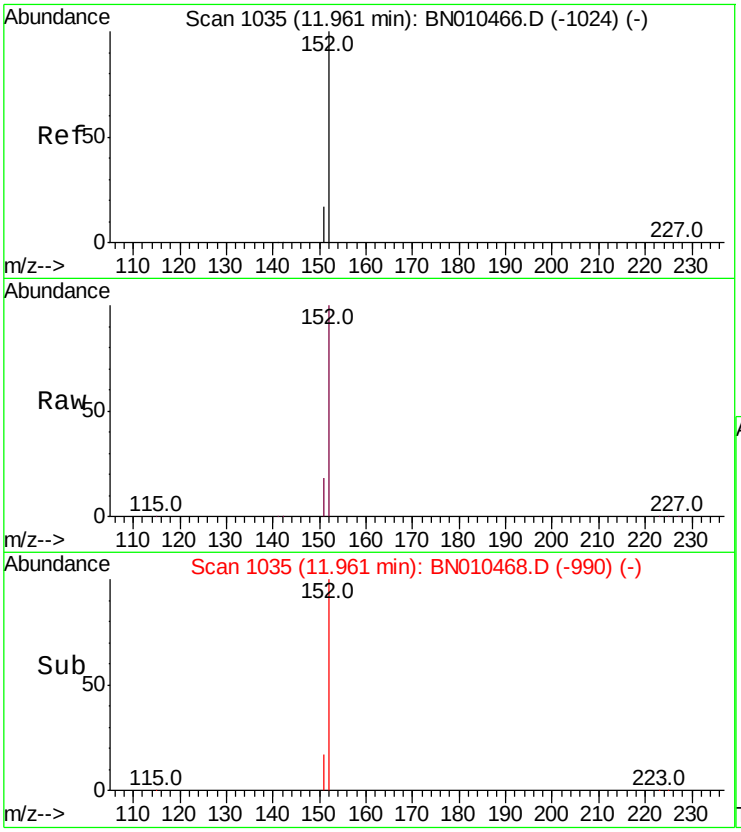


#10
Hexachlorobutadiene
Concen: 1.646 ng
RT: 10.72 min Scan# 871
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:225 Resp: 17731

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.5	50.6	76.0



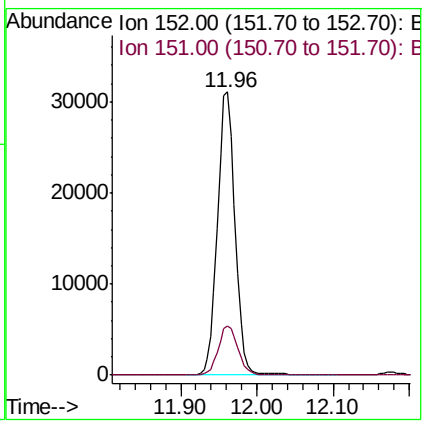


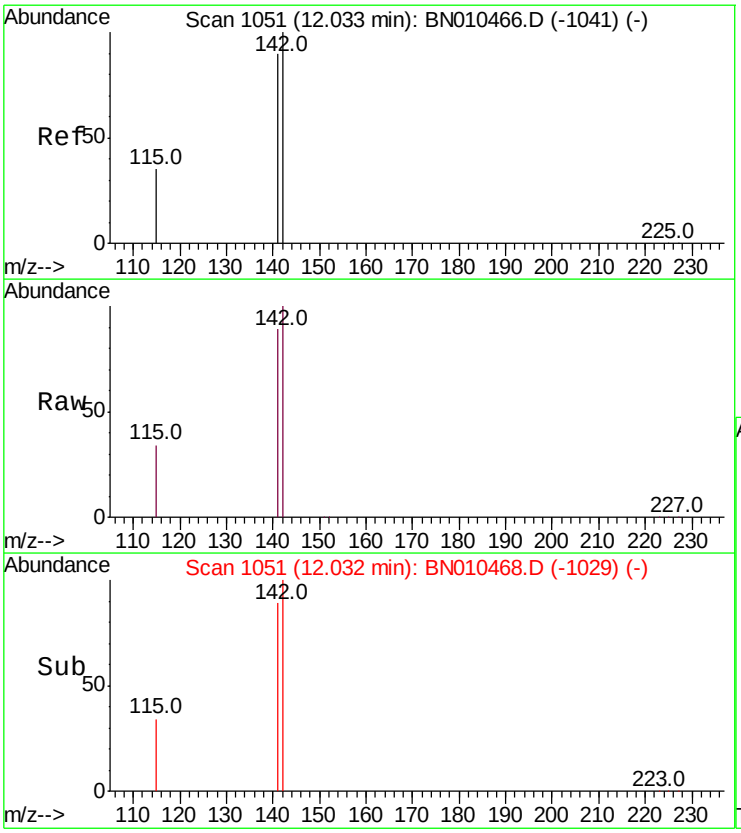
#11
2-Methylnaphthalene-d10
Concen: 1.733 ng
RT: 11.96 min Scan# 1035
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 49302

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.3	22.9

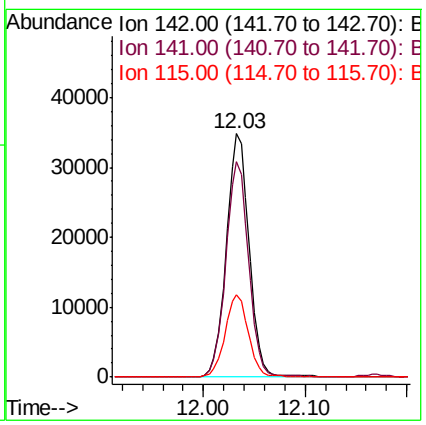


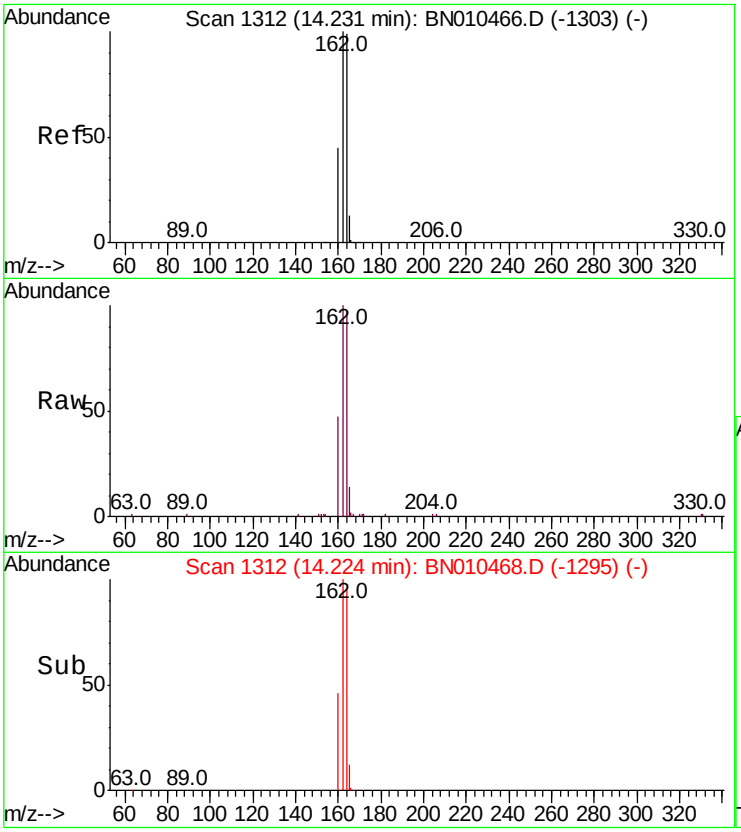


#12
2-Methylnaphthalene
Concen: 1.739 ng
RT: 12.03 min Scan# 1051
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:142 Resp: 53569

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.9	107.9
115	34.0	28.8	43.2



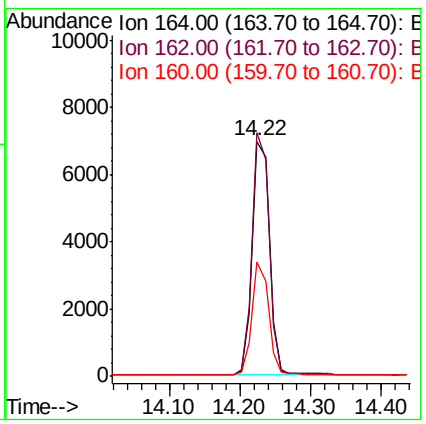


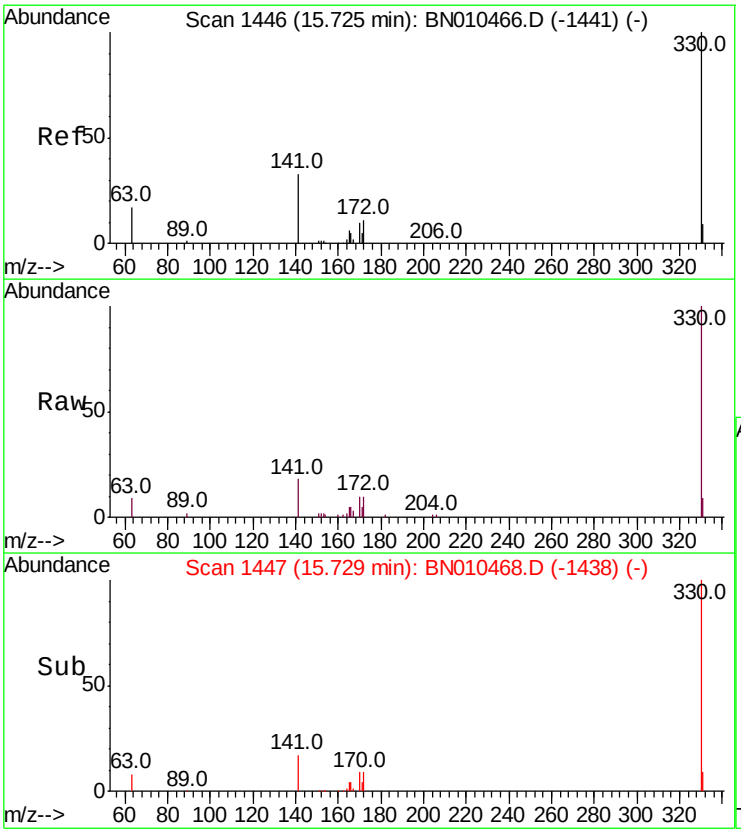
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.22 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 11451

Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	121.0
160	48.4	36.5	54.7

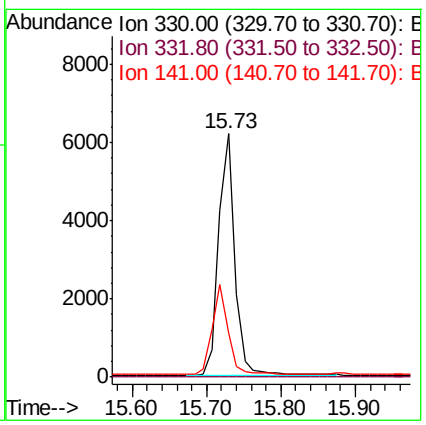


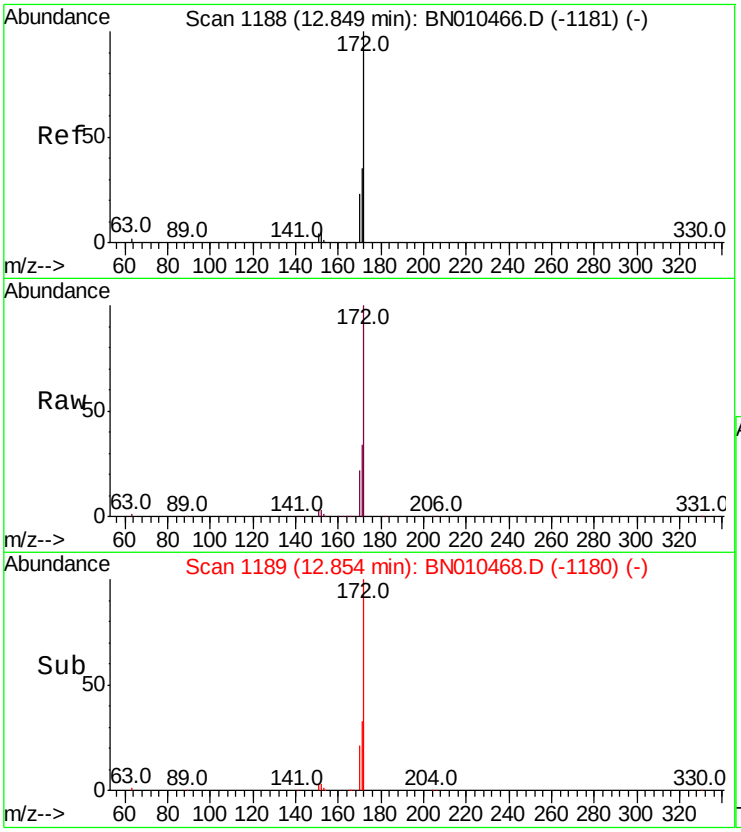


#14
2,4,6-Tribromophenol
Concen: 2.129 ng
RT: 15.73 min Scan# 1447
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:330 Resp: 9371

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.4	28.1	42.1



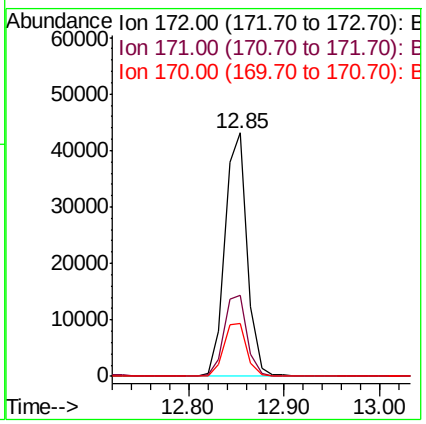


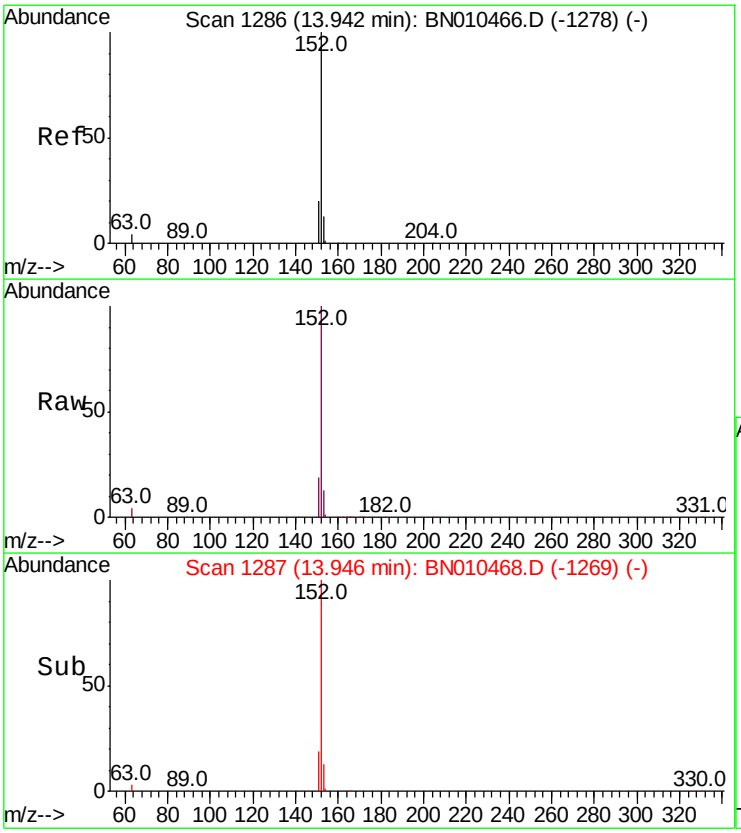
#15
2-Fluorobiphenyl
Concen: 1.583 ng
RT: 12.85 min Scan# 1189
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 69350

Ion	Ratio	Lower	Upper
172	100		
171	33.5	28.2	42.2
170	21.5	18.4	27.6

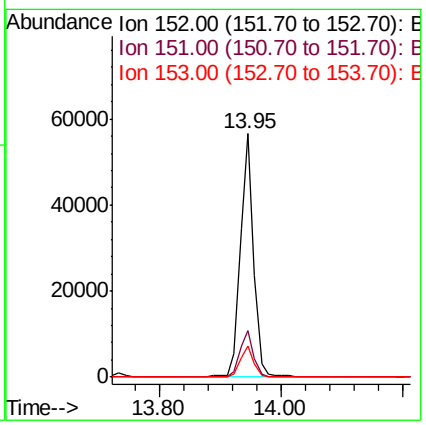


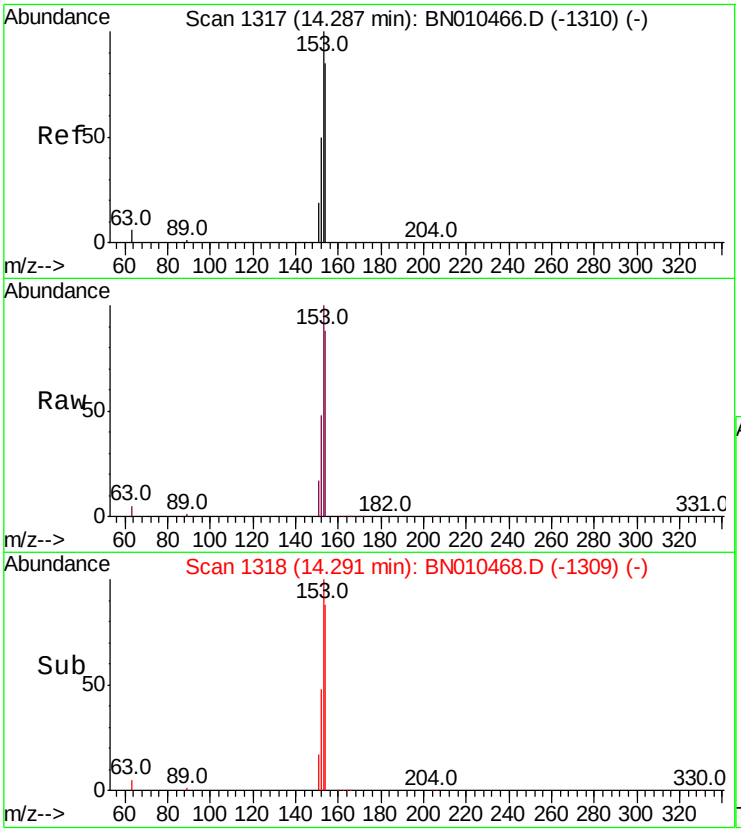


#16
Acenaphthylene
Concen: 1.881 ng
RT: 13.95 min Scan# 1287
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:152 Resp: 84531

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	15.8



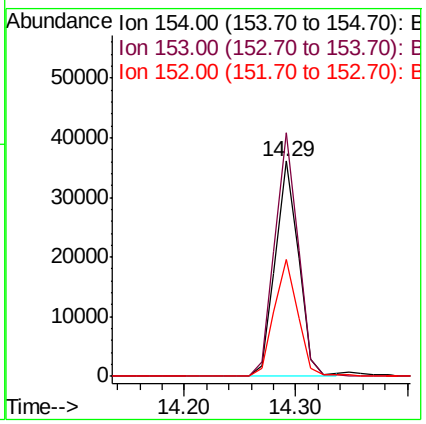


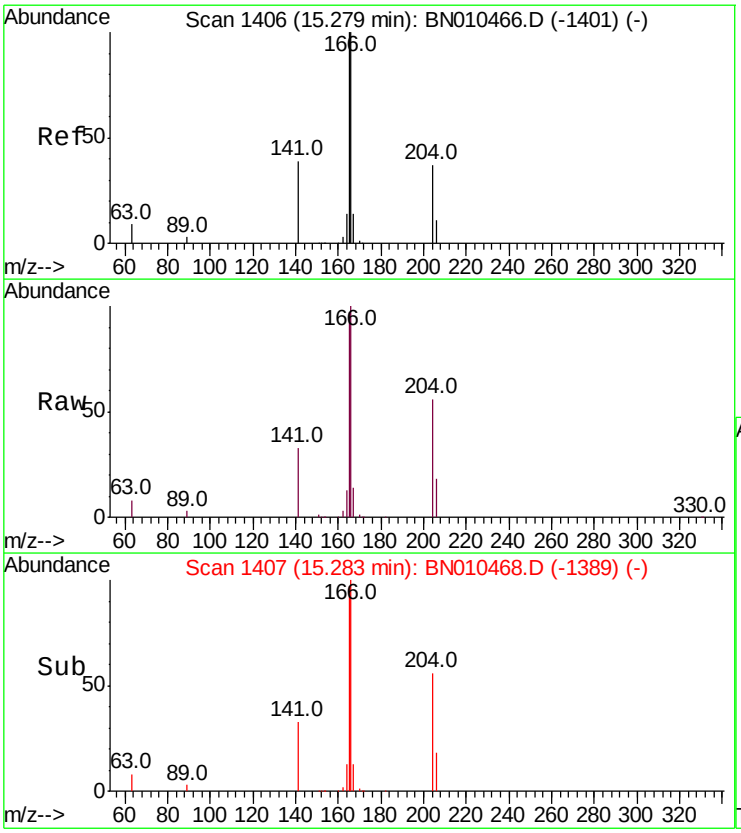
#17
Acenaphthene
Concen: 1.638 ng
RT: 14.29 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 52430

Ion	Ratio	Lower	Upper
154	100		
153	113.4	91.0	136.4
152	54.6	44.6	67.0

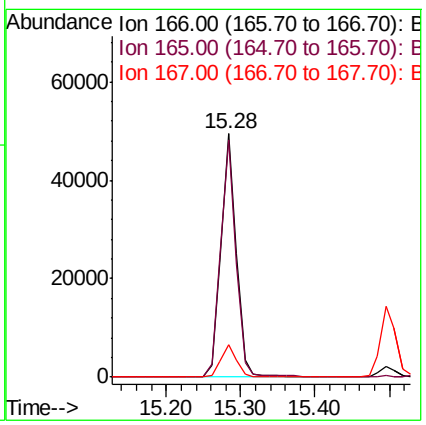


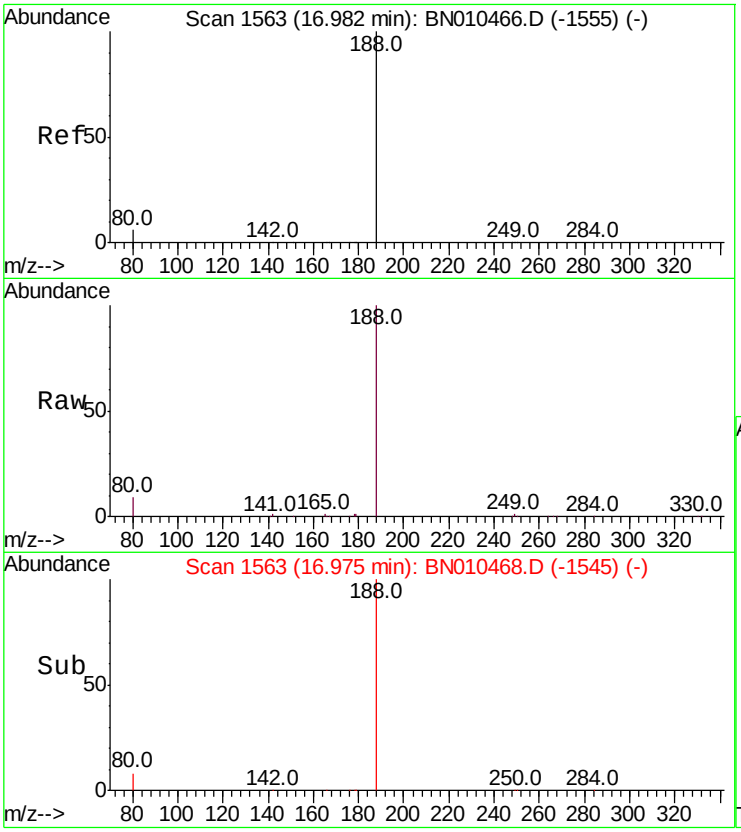


#18
Fluorene
Concen: 1.649 ng
RT: 15.28 min Scan# 1407
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:166 Resp: 70136

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.4	117.6
167	13.3	10.9	16.3



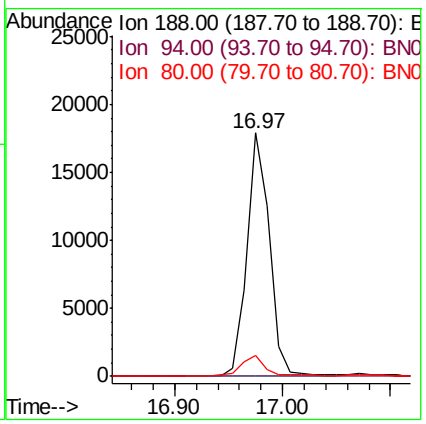


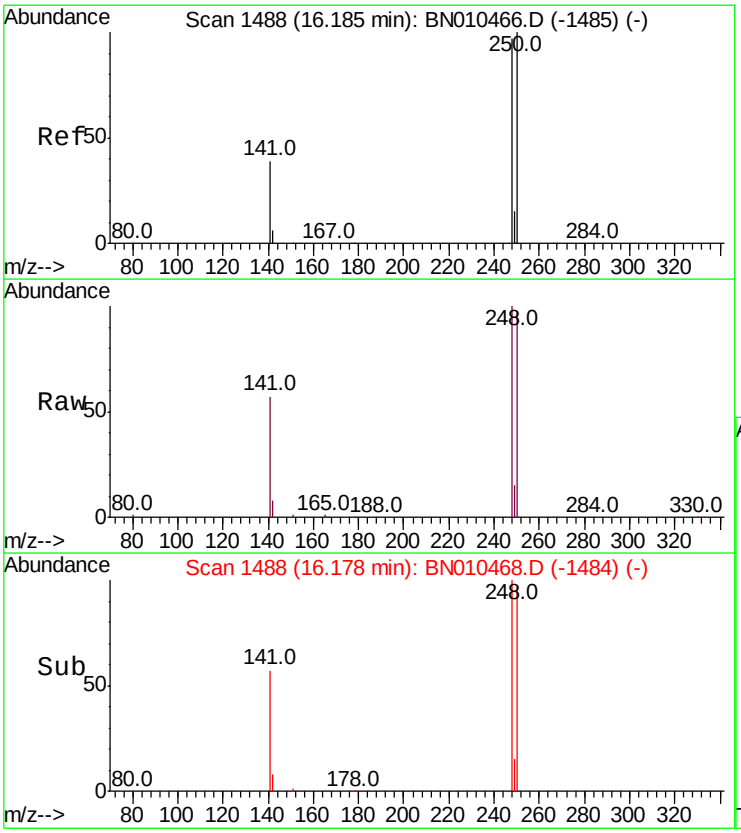
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.97 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 25462

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	5.0	7.6#

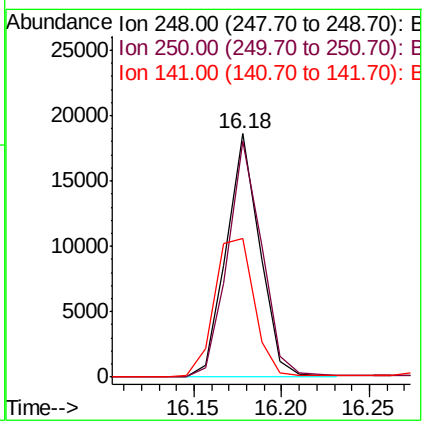


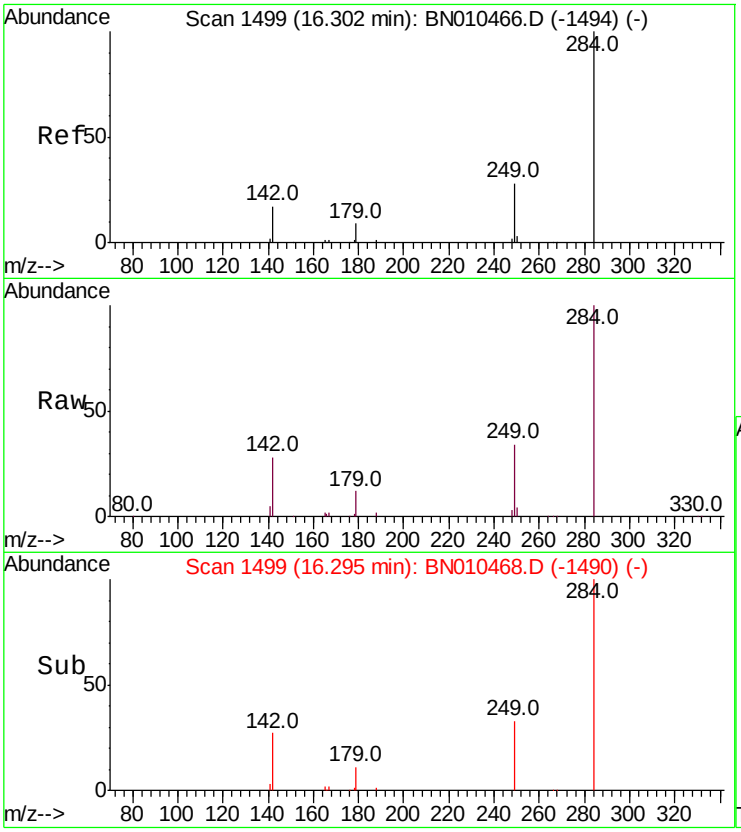


#20
4-Bromophenyl-phenylether
Concen: 1.581 ng
RT: 16.18 min Scan# 1488
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:248 Resp: 24426

Ion	Ratio	Lower	Upper
248	100		
250	97.0	82.3	123.5
141	57.0	35.2	52.8#



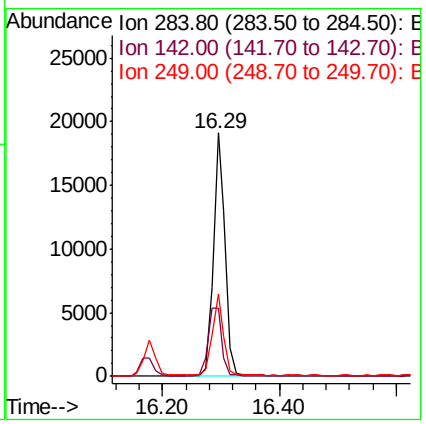


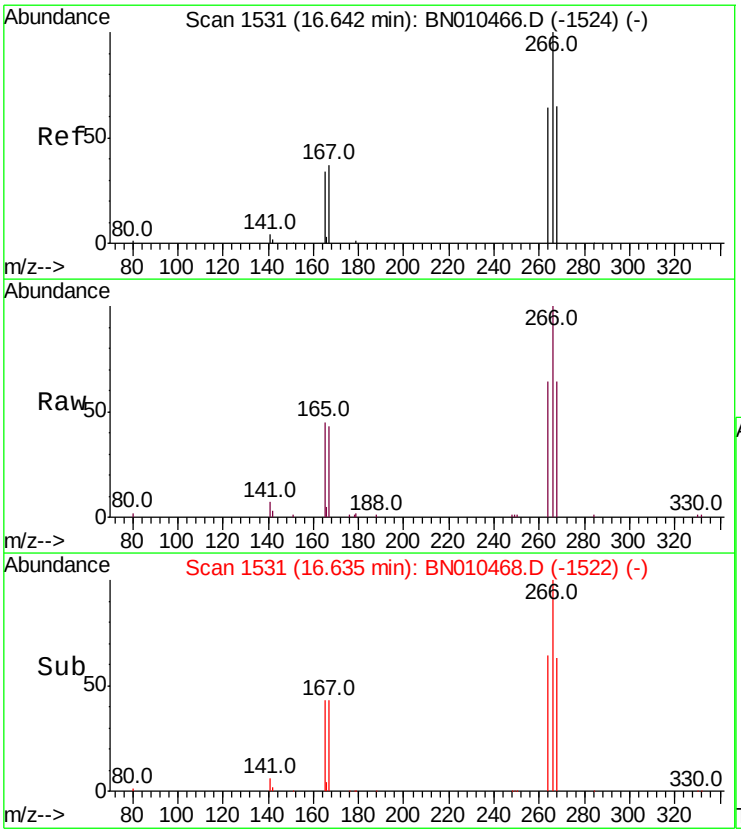
#21
Hexachlorobenzene
Concen: 1.698 ng
RT: 16.29 min Scan# 1499
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 26944

Ion	Ratio	Lower	Upper
284	100		
142	32.0	25.5	38.3
249	32.2	25.8	38.6

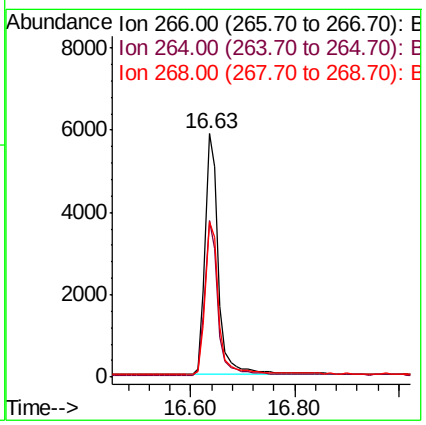


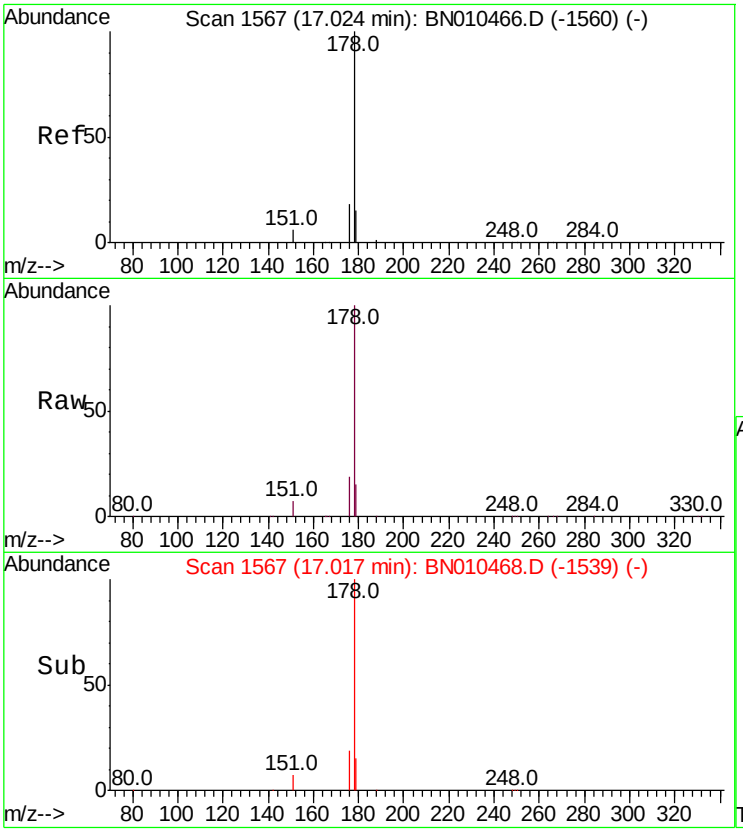


#22
Pentachlorophenol
Concen: 1.988 ng
RT: 16.63 min Scan# 1531
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:266 Resp: 10795

Ion	Ratio	Lower	Upper
266	100		
264	64.3	51.8	77.6
268	63.8	53.7	80.5



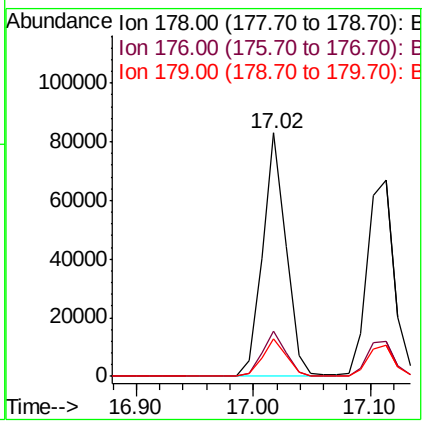


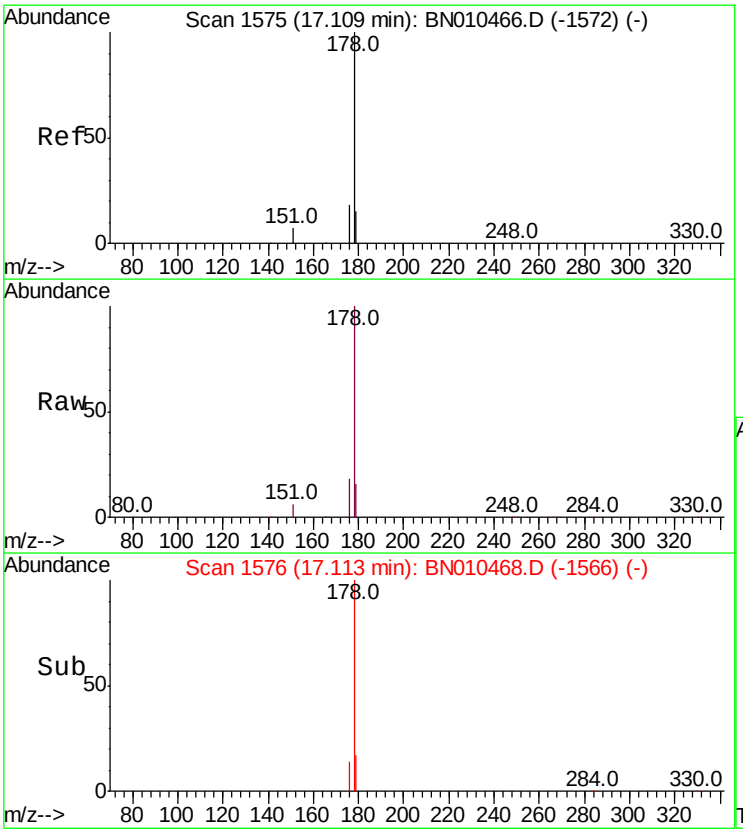
#23
Phenanthrene
Concen: 1.656 ng
RT: 17.02 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 115898

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.0	22.4
179	15.3	12.6	18.8

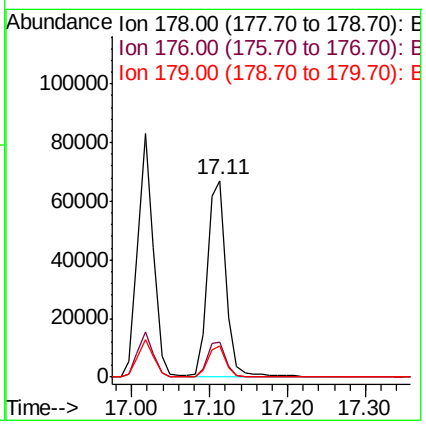


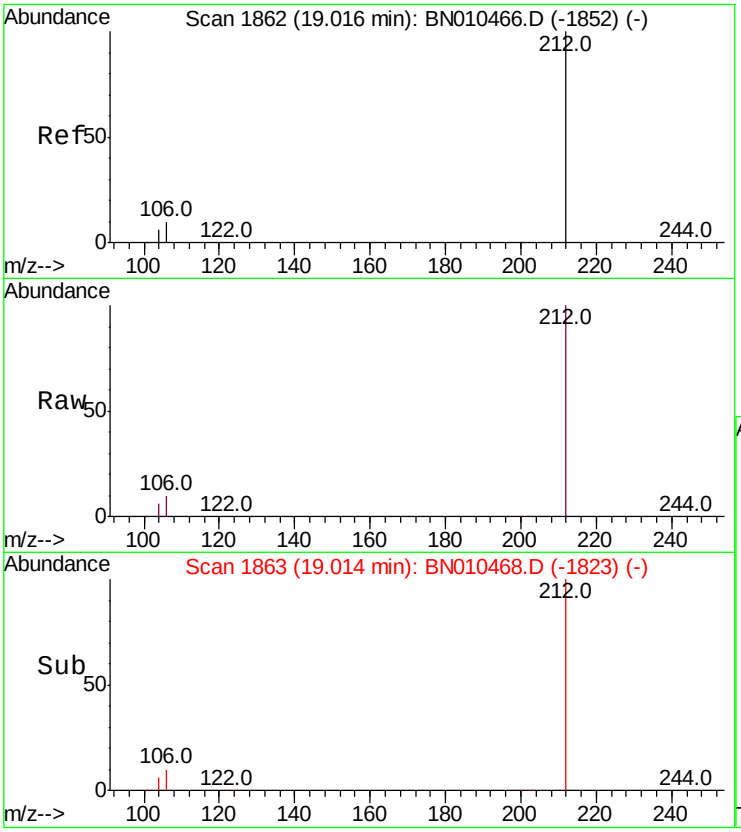


#24
Anthracene
Concen: 1.821 ng
RT: 17.11 min Scan# 1576
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:178 Resp: 108995

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.3	12.2	18.2



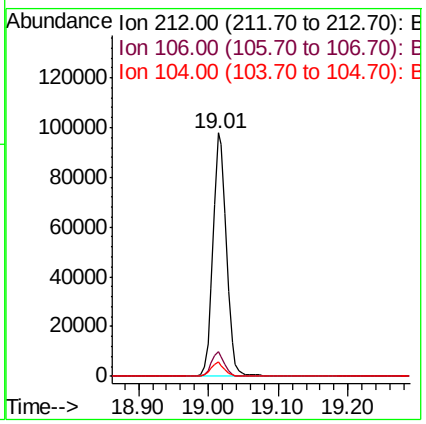


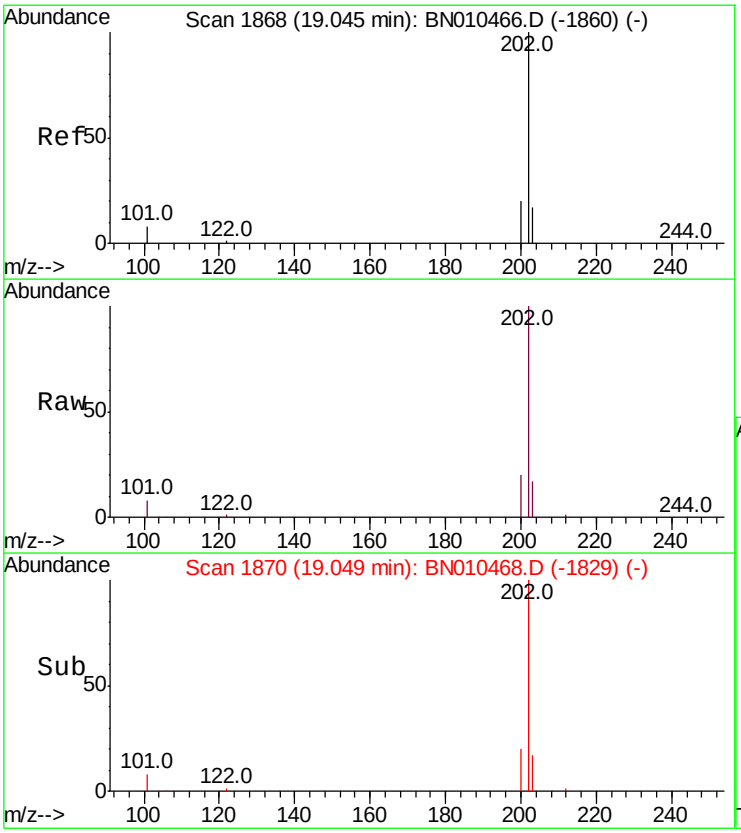
#25
Fluoranthene-d10
Concen: 1.707 ng
RT: 19.01 min Scan# 1863
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 131038

Ion	Ratio	Lower	Upper
212	100		
106	9.9	7.8	11.6
104	5.6	4.5	6.7

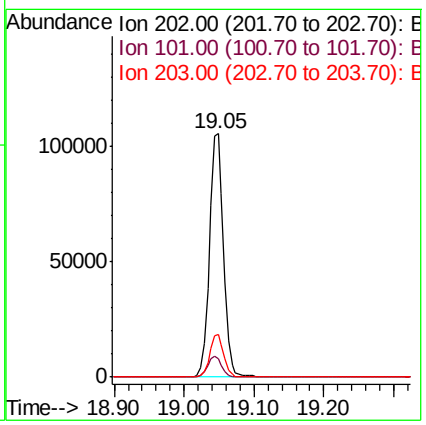


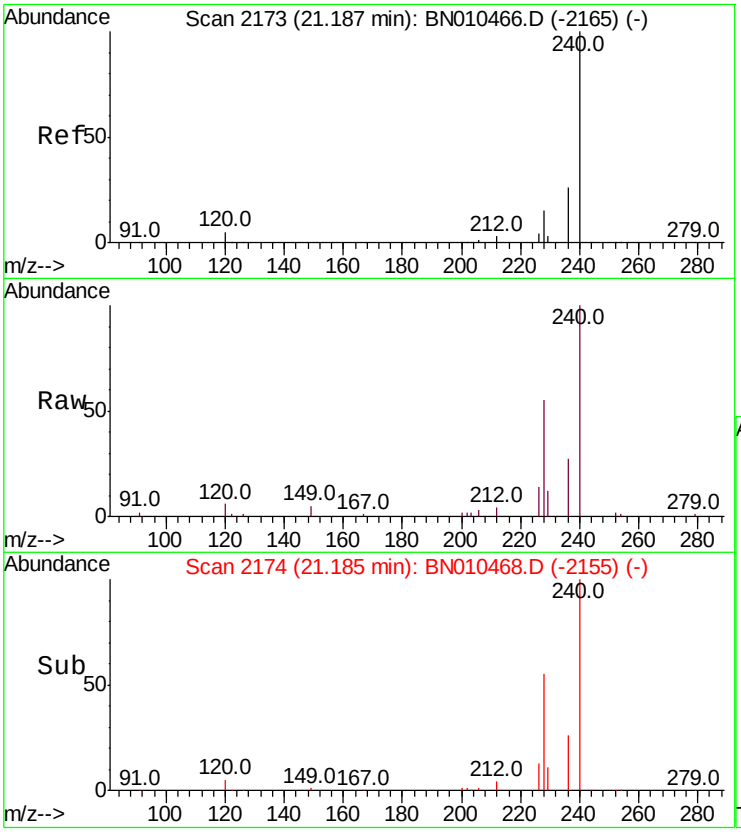


#26
Fluoranthene
Concen: 1.705 ng
RT: 19.05 min Scan# 1870
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:202 Resp: 146187

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.9	10.3
203	17.2	13.9	20.9



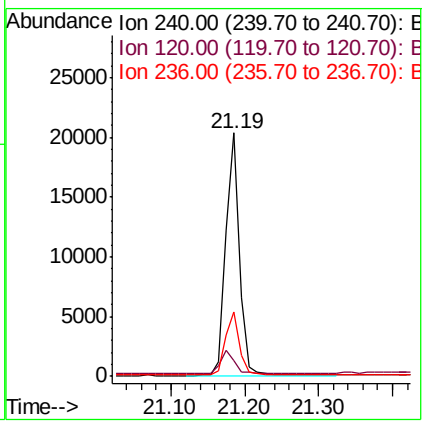


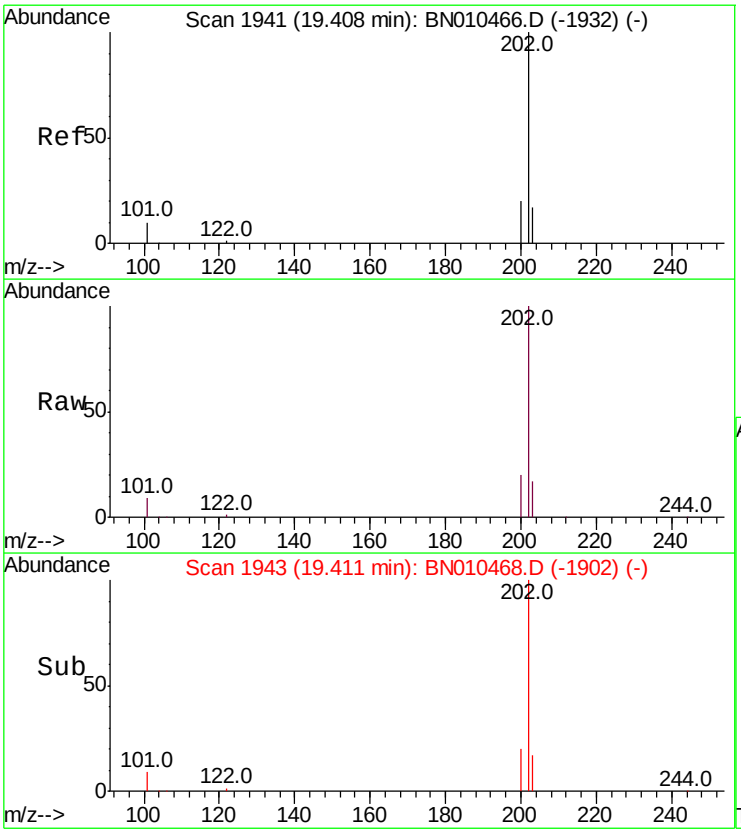
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 26520

Ion	Ratio	Lower	Upper
240	100		
120	6.4	4.8	7.2
236	26.7	21.4	32.0

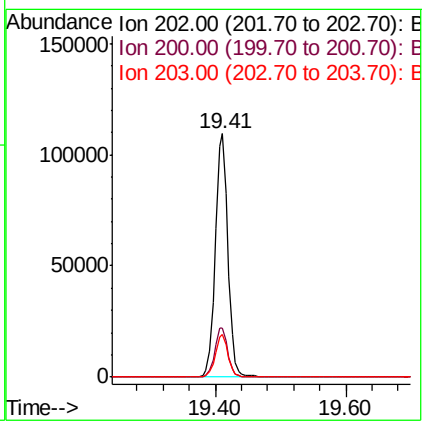


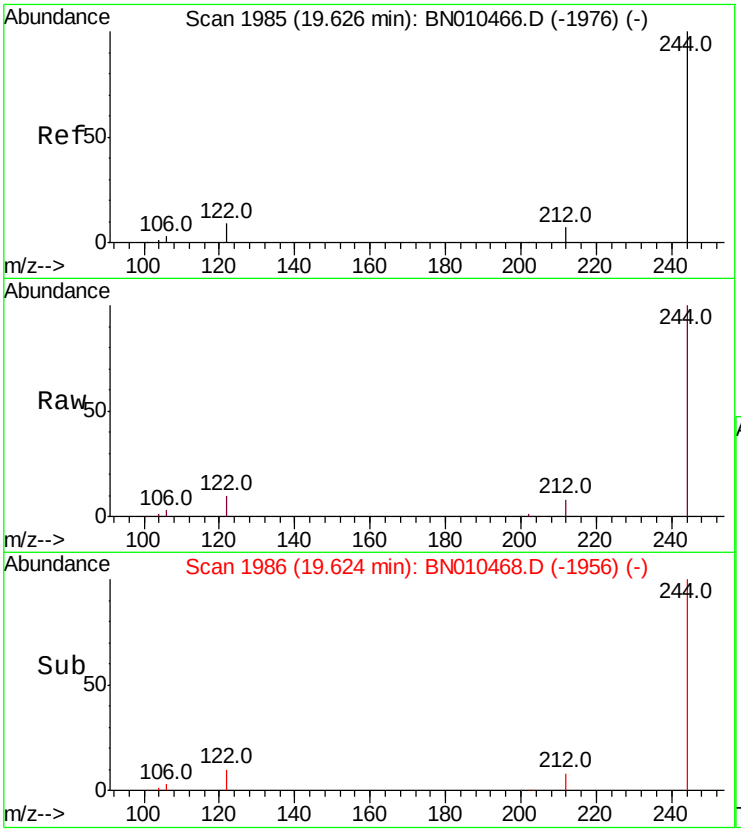


#28
Pyrene
Concen: 1.775 ng
RT: 19.41 min Scan# 1943
Delta R.T. 0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:202 Resp: 146566

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.0	21.0



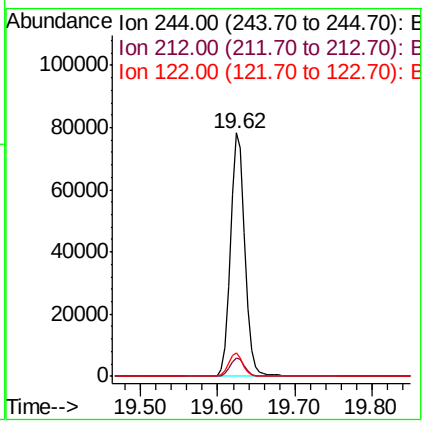


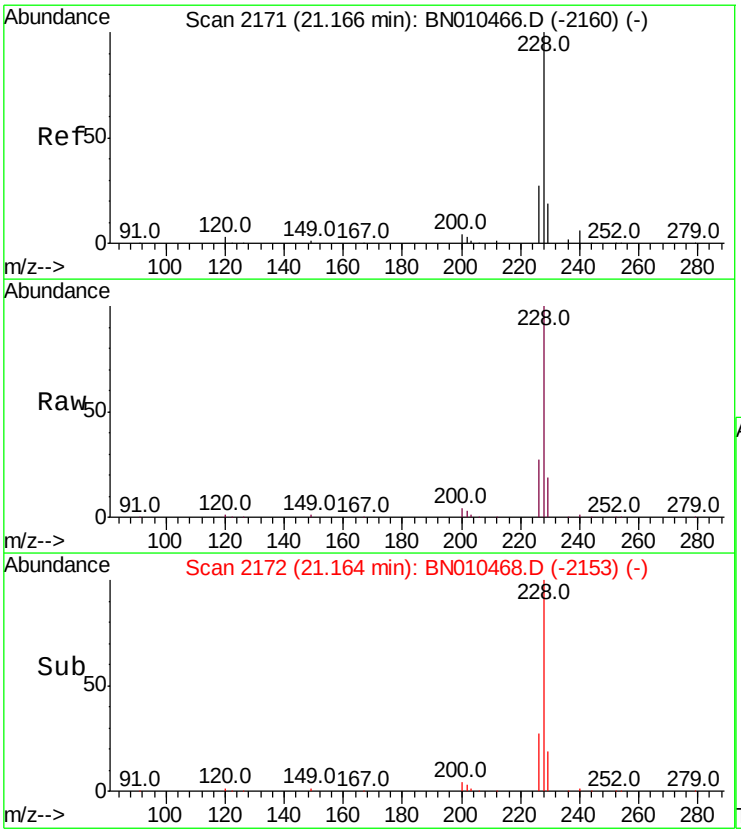
#29
Terphenyl-d14
Concen: 1.746 ng
RT: 19.62 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 100044

Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.4
122	9.7	7.8	11.8

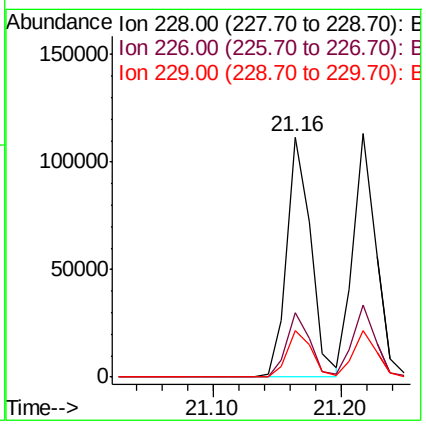


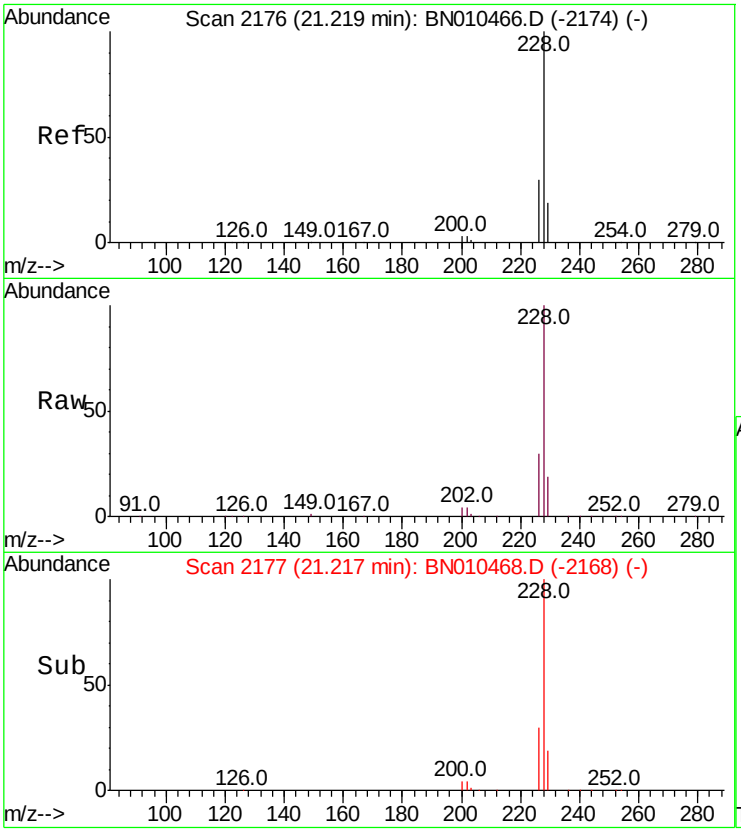


#30
Benzo(a)anthracene
Concen: 1.708 ng
RT: 21.16 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:228 Resp: 144231

Ion	Ratio	Lower	Upper
228	100		
226	26.9	21.7	32.5
229	19.2	15.6	23.4



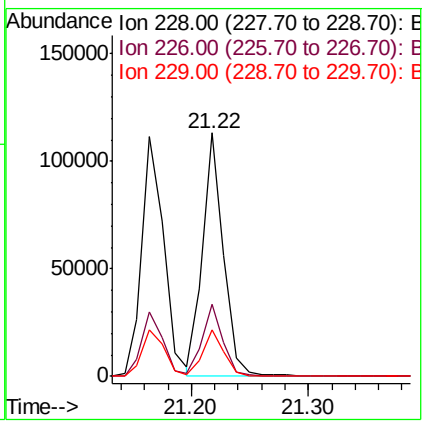


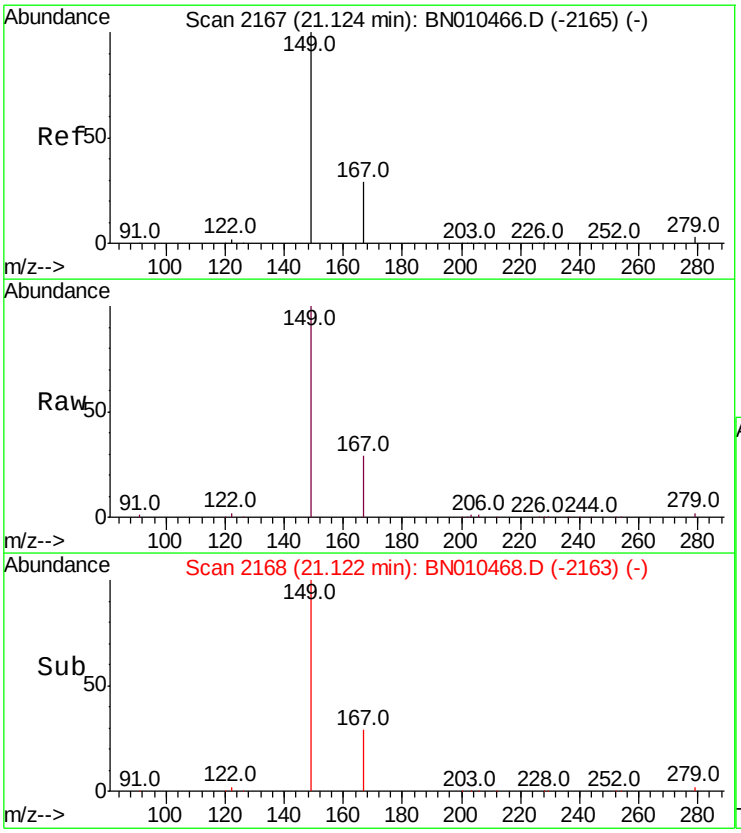
#31
Chrysene
Concen: 1.549 ng
RT: 21.22 min Scan# 2177
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 140270

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.0	36.0
229	19.3	15.8	23.6

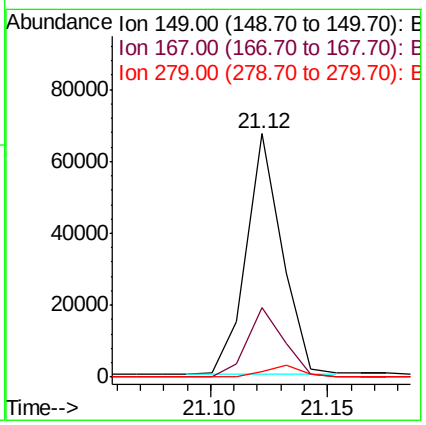


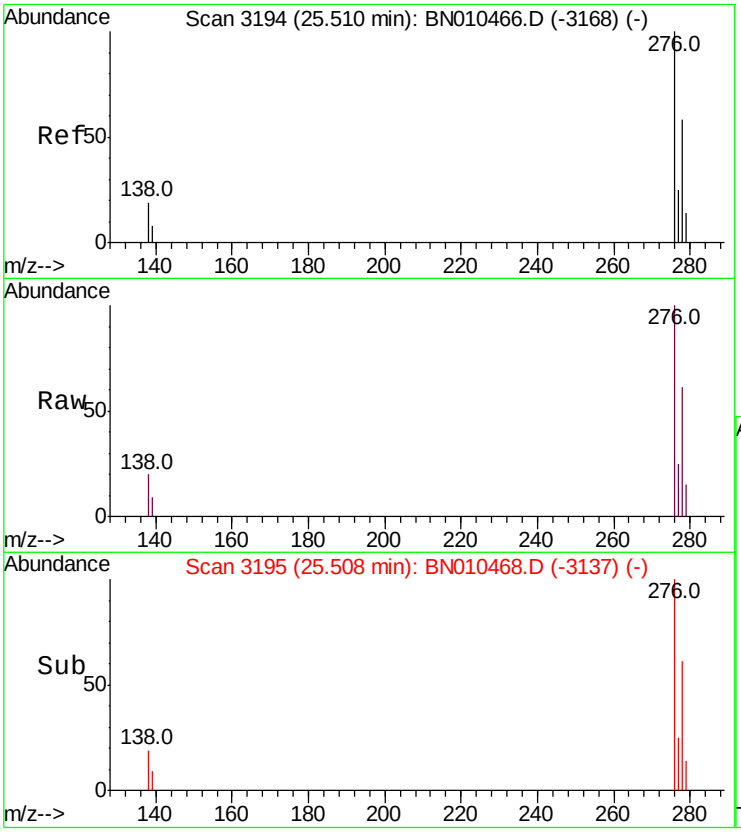


#32
Bis(2-ethylhexyl)phthalate
Concen: 2.502 ng
RT: 21.12 min Scan# 2168
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:149 Resp: 71300

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.4	35.0
279	4.8	4.0	6.0



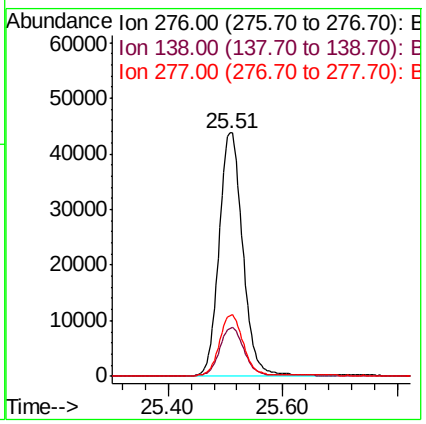


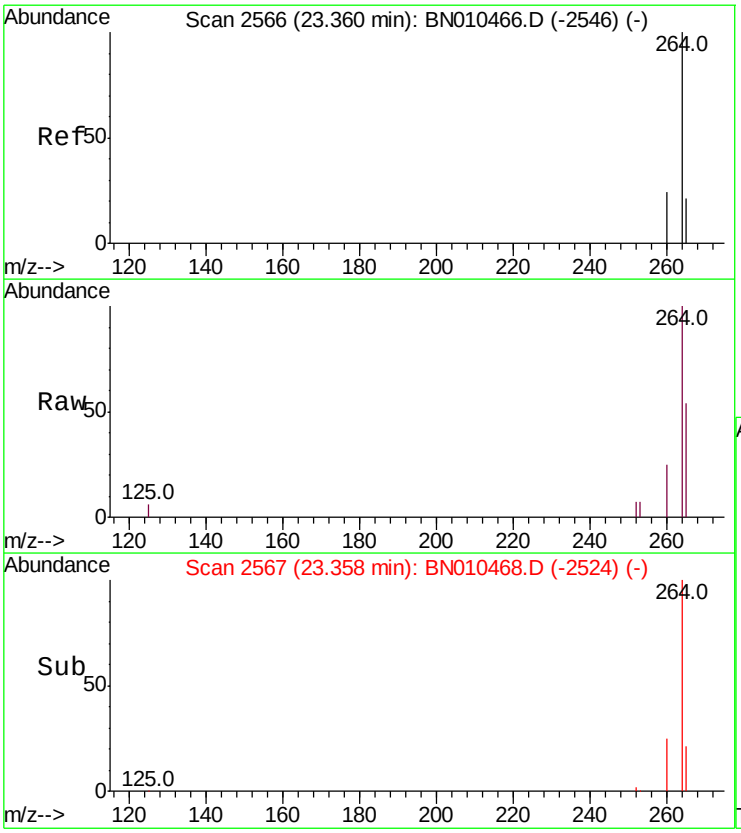
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.284 ng
RT: 25.51 min Scan# 3195
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 124555

Ion	Ratio	Lower	Upper
276	100		
138	20.3	16.4	24.6
277	25.0	19.8	29.6

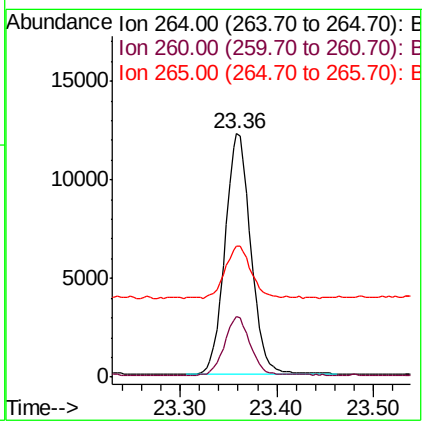


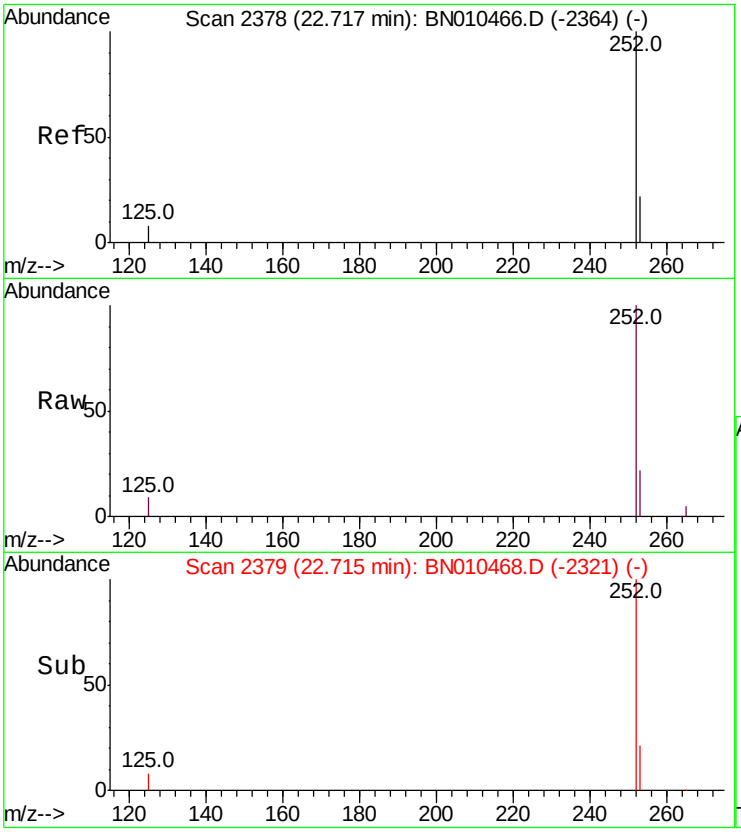


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.36 min Scan# 2567
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:264 Resp: 22698

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.8	29.8
265	53.7	42.3	63.5



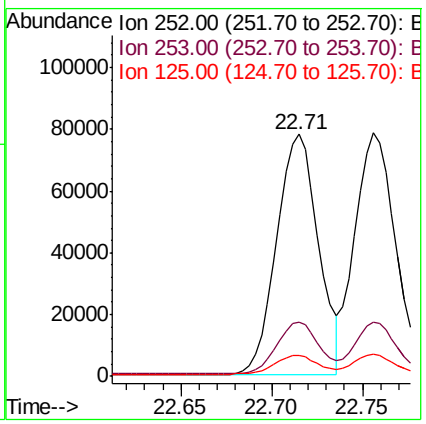


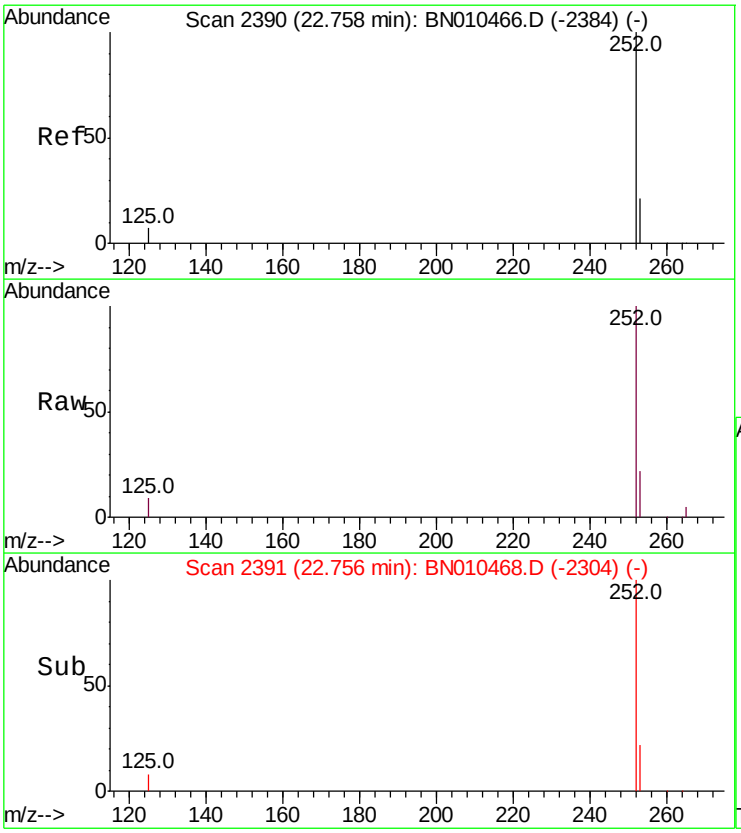
#35
Benzo(b)fluoranthene
Concen: 1.611 ng
RT: 22.71 min Scan# 2379
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 124254

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.2	30.4
125	8.7	9.2	13.8#

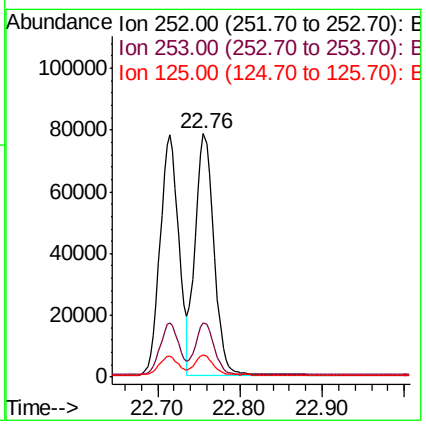


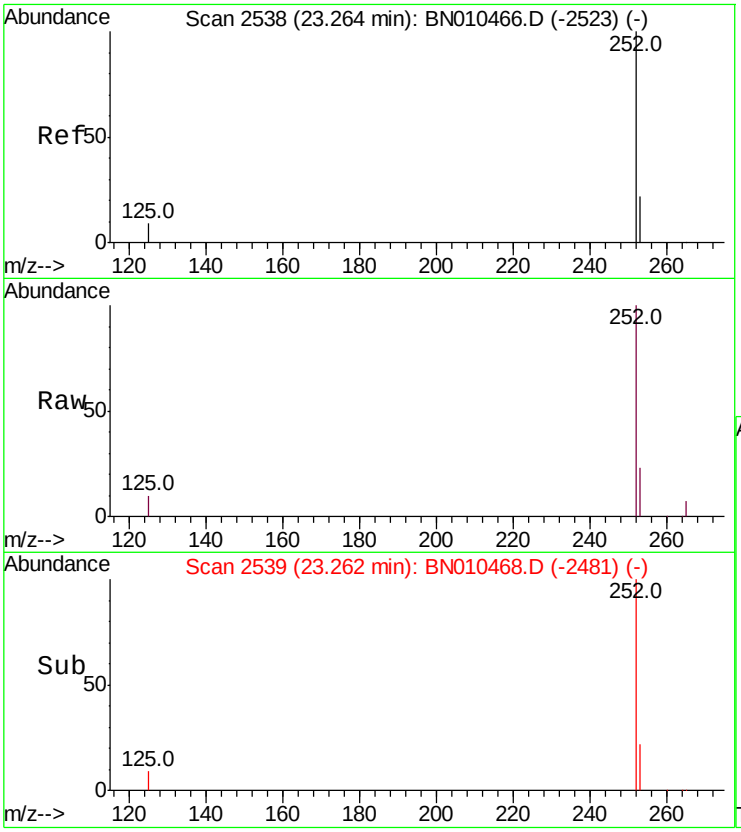


#36
Benzo(k)fluoranthene
Concen: 1.585 ng
RT: 22.76 min Scan# 2391
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:252 Resp: 124384

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.1	30.1
125	8.9	9.6	14.4#



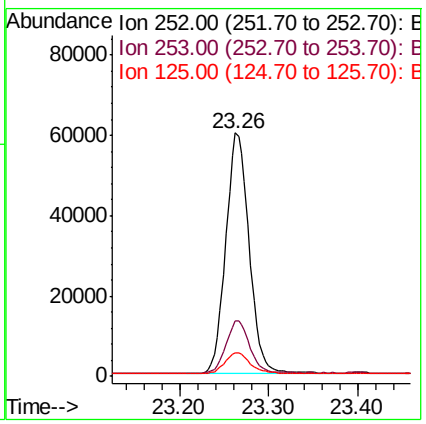


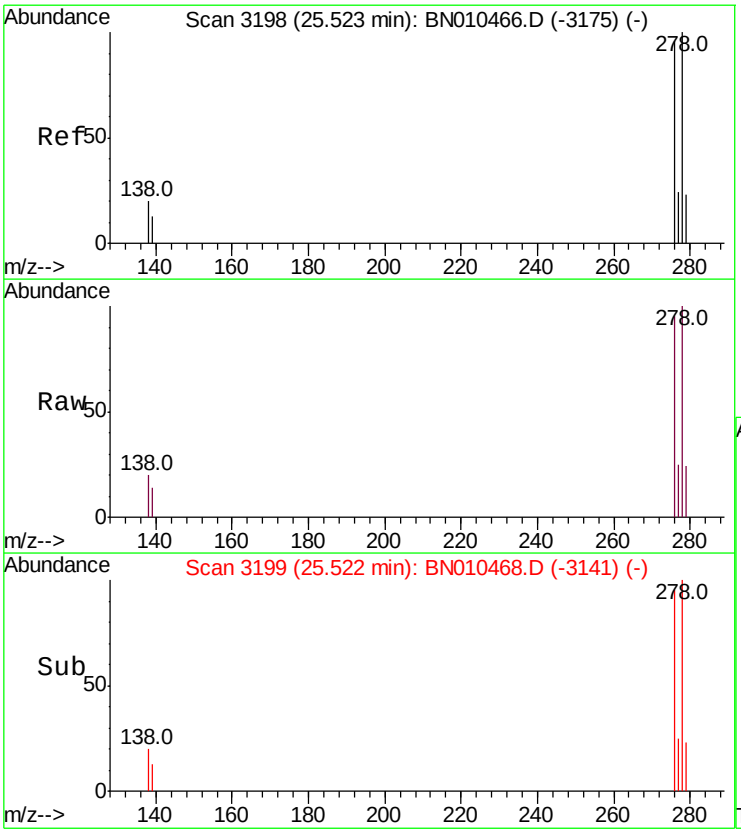
#37
Benzo(a)pyrene
Concen: 1.693 ng
RT: 23.26 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 110149

Ion	Ratio	Lower	Upper
252	100		
253	22.7	21.8	32.8
125	9.8	11.0	16.6#

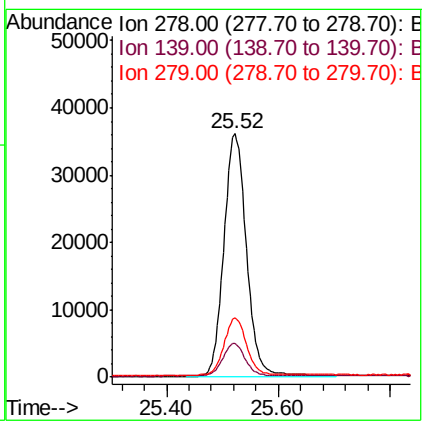


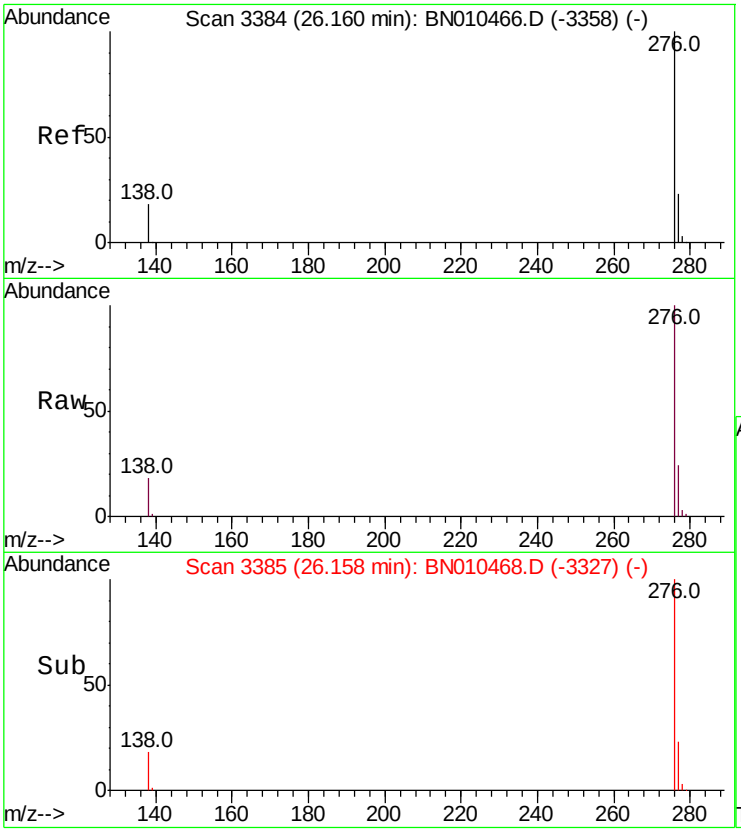


#38
Dibenzo(a,h)anthracene
Concen: 1.439 ng
RT: 25.52 min Scan# 3199
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Tgt Ion:278 Resp: 101230

Ion	Ratio	Lower	Upper
278	100		
139	13.7	12.3	18.5
279	24.3	21.9	32.9





#39
Benzo(g,h,i)perylene
Concen: 1.425 ng
RT: 26.16 min Scan# 3385
Delta R.T. -0.00 min
Lab File: BN010468.D
Acq: 13 Apr 2020 15:35

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 100885

Ion	Ratio	Lower	Upper
276	100		
277	23.9	20.2	30.2
138	17.9	15.4	23.2