Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003176.D
Acq On : 17 Oct 2018 11:26
Operator : MJ/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 17 12:00:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 11:36:14 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1252	0.40	ng		0.00
7) Naphthalene-d8	10.42	136	5266	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	3451	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	8708	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	10624	0.40	ng		0.00
34) Perylene-d12	23.47	264	11307	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	2247	0.74	ng		-0.02
5) Phenol-d6	6.88	99	2905	0.75	ng		-0.06
8) Nitrobenzene-d5	8.83	82	2801	0.86	ng		-0.04
11) 2-Methylnaphthalene-d10	12.02	152	6961	0.90	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	1707	0.96	ng		-0.02
15) 2-Fluorobiphenyl	12.89	172	10847	0.87	ng		-0.03
25) Fluoranthene-d10	19.07	212	20881	0.93	ng		0.00
29) Terphenyl-d14	19.67	244	17947	0.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	1323	0.950	ng		97
3) n-Nitrosodimethylamine	3.59	42	587	0.836	ng	#	90
6) bis(2-Chloroethyl)ether	7.08	93	2957	0.853	ng		96
9) Naphthalene	10.45	128	10202	0.851	ng		100
10) Hexachlorobutadiene	10.72	225	1978	0.834	ng	#	98
12) 2-Methylnaphthalene	12.09	142	7153	0.871	ng		98
16) Acenaphthylene	13.99	152	12290	0.861	ng		100
17) Acenaphthene	14.33	154	8373	0.874	ng		99
18) Fluorene	15.32	166	10914	0.911	ng		100
20) 4-Bromophenyl-phenylether	16.22	248	3815	0.803	ng		98
21) Hexachlorobenzene	16.33	284	4235	0.829	ng		99
22) Pentachlorophenol	16.74	266	776	0.724	ng		95
23) Phenanthrene	17.07	178	18112	0.841	ng		100
24) Anthracene	17.17	178	16711	0.880	ng		99
26) Fluoranthene	19.10	202	22641	0.927	ng		99
28) Pyrene	19.47	202	23666	0.760	ng		100
30) Benzo(a)anthracene	21.23	228	23204	0.934	ng		99
31) Chrysene	21.28	228	25318	0.817	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	13417	0.804	ng		99
33) Indeno(1,2,3-cd)pyrene	25.69	276	30117	1.145	ng		98
35) Benzo(b)fluoranthene	22.80	252	24368	0.771	ng		95
36) Benzo(k)fluoranthene	22.85	252	27839	0.806	ng		96
37) Benzo(a)pyrene	23.38	252	24635	0.839	ng		93
38) Dibenzo(a,h)anthracene	25.69	278	25127	0.942	ng		94
39) Benzo(g,h,i)perylene	26.38	276	25213	0.923	ng		97

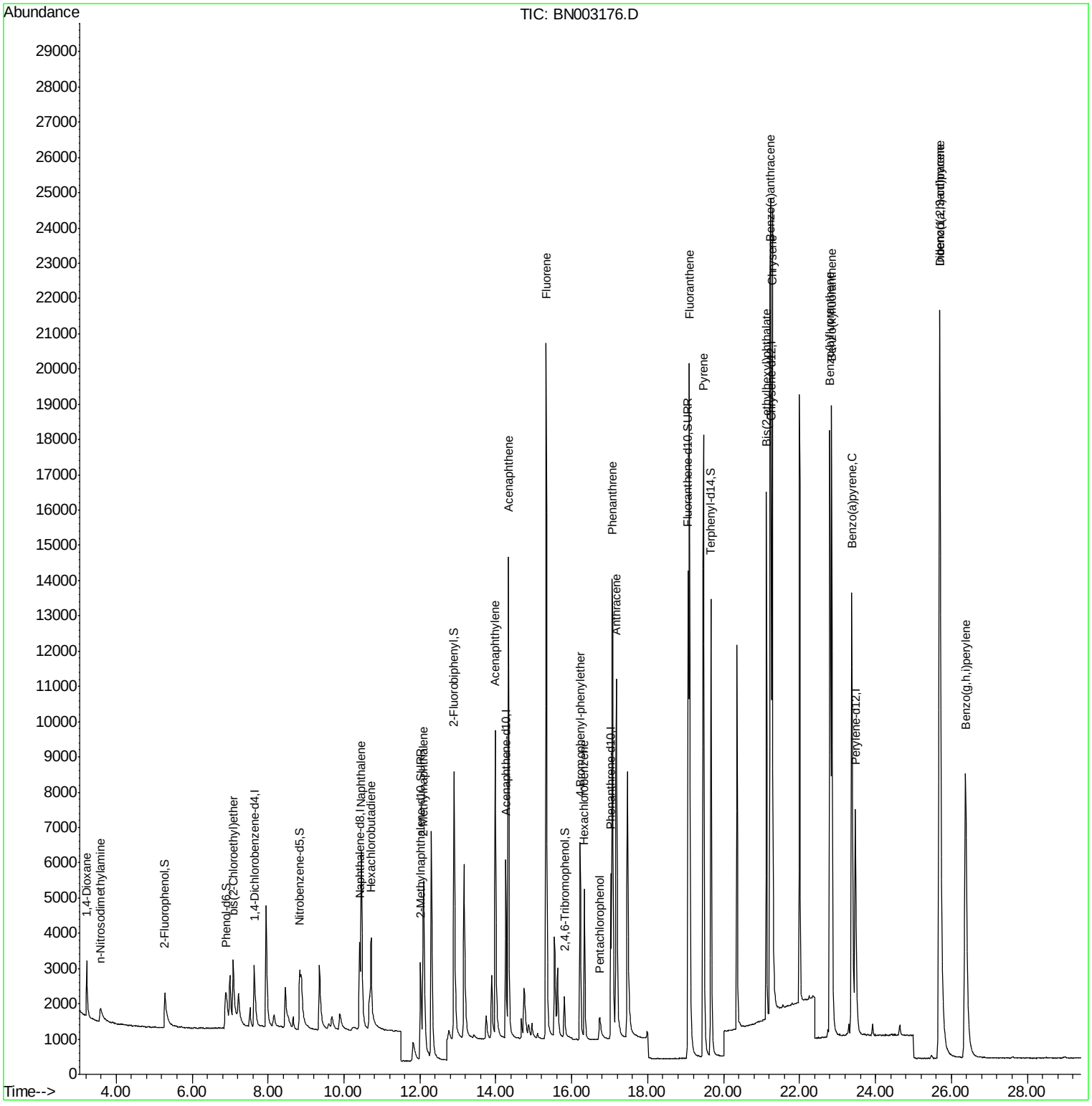
(#) = qualifier out of range (m) = manual integration (+) = signals summed

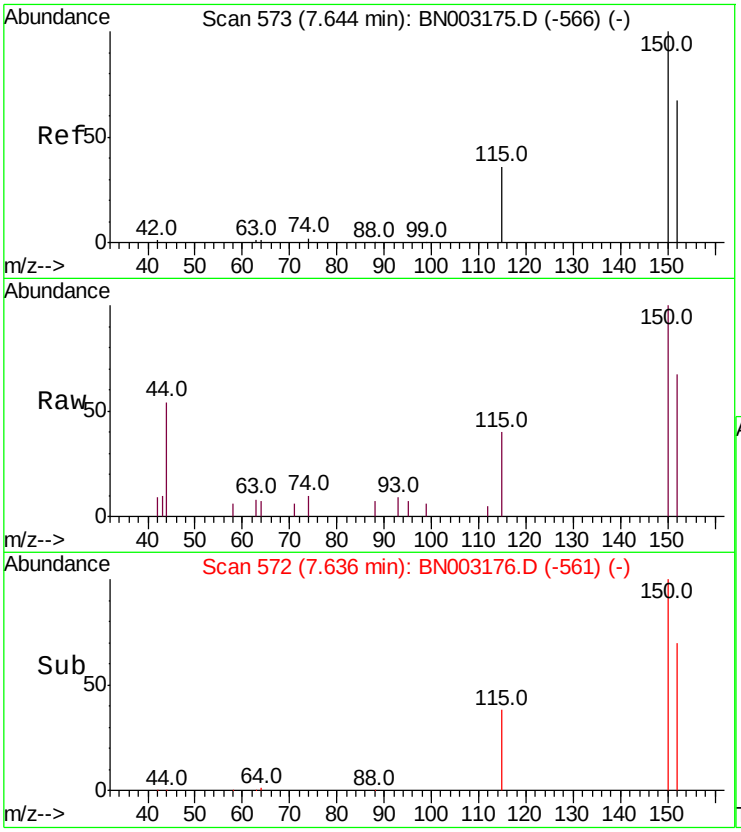
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003176.D
Acq On : 17 Oct 2018 11:26
Operator : MJ/SJ
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 17 12:00:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 17 11:36:14 2018
Response via : Initial Calibration



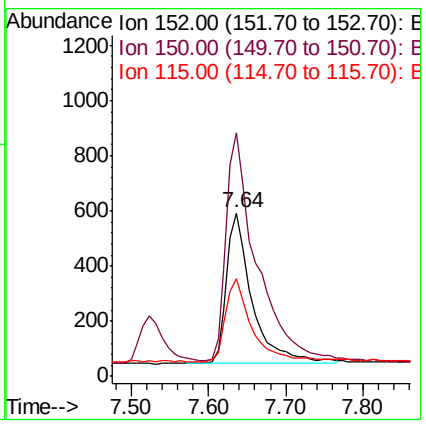


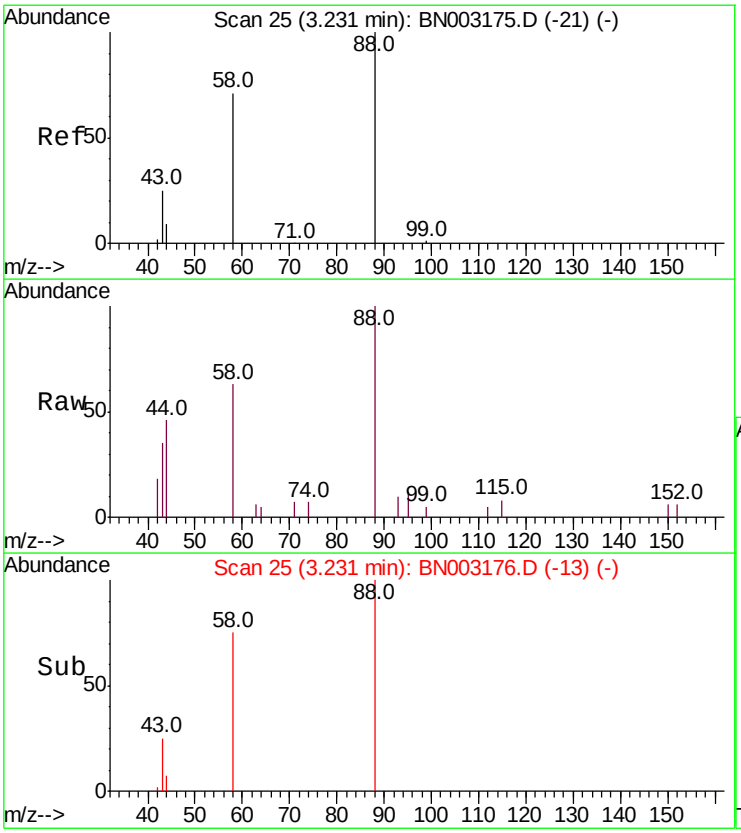
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 572
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1252

Ion	Ratio	Lower	Upper
152	100		
150	148.9	126.2	189.4
115	59.9	49.8	74.6

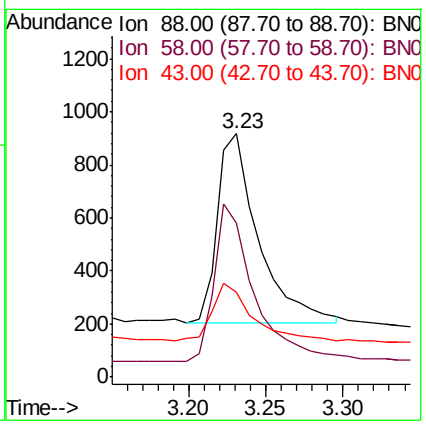


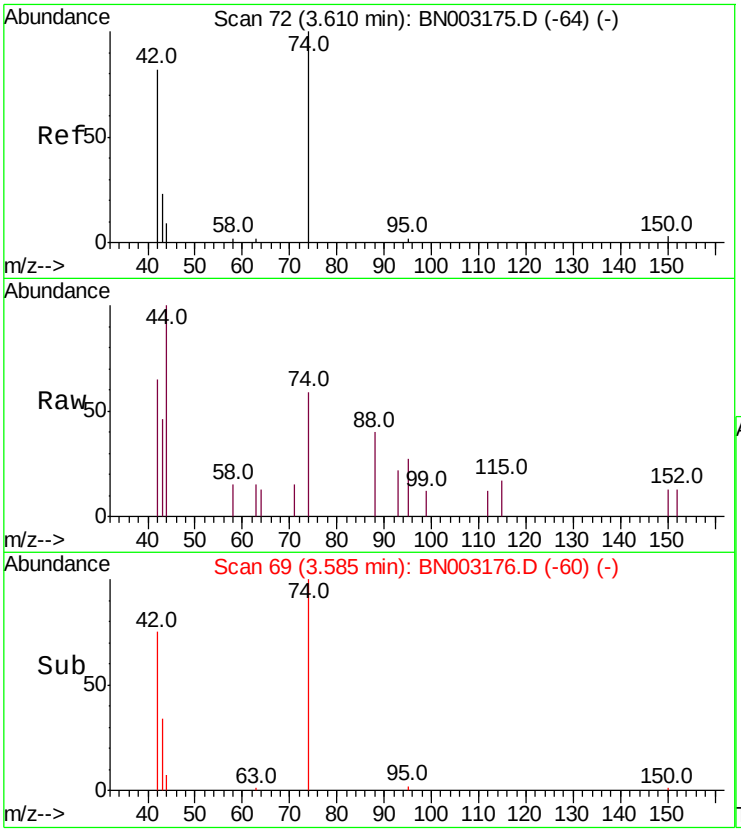


#2
1,4-Dioxane
Concen: 0.950 ng
RT: 3.23 min Scan# 25
Delta R.T. 0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 88 Resp: 1323

Ion	Ratio	Lower	Upper
88	100		
58	80.9	66.7	100.1
43	29.3	24.6	37.0



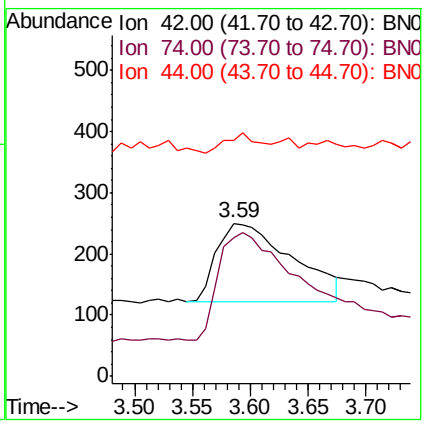


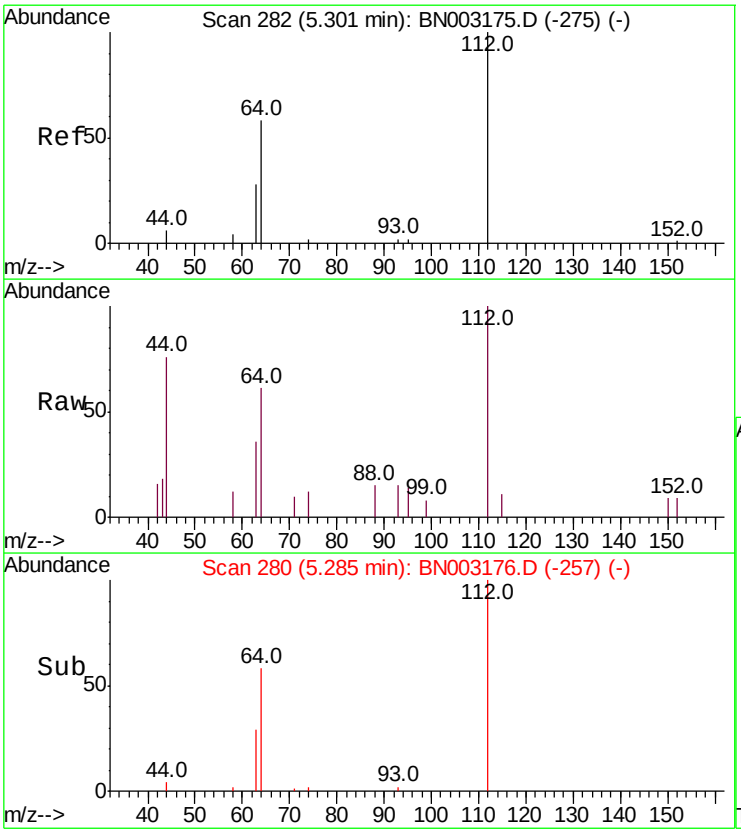
#3
n-Nitrosodimethylamine
Concen: 0.836 ng
RT: 3.59 min Scan# 69
Delta R.T. -0.02 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 587

Ion	Ratio	Lower	Upper
42	100		
74	140.0	102.9	154.3
44	10.7	0.0	0.0#

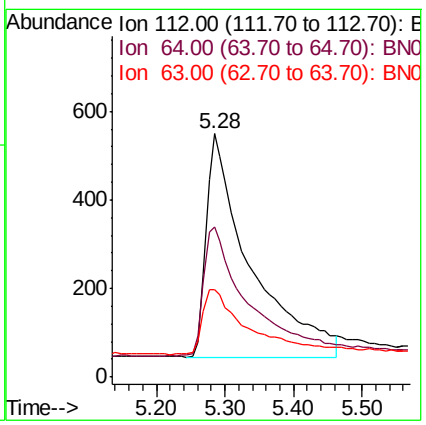


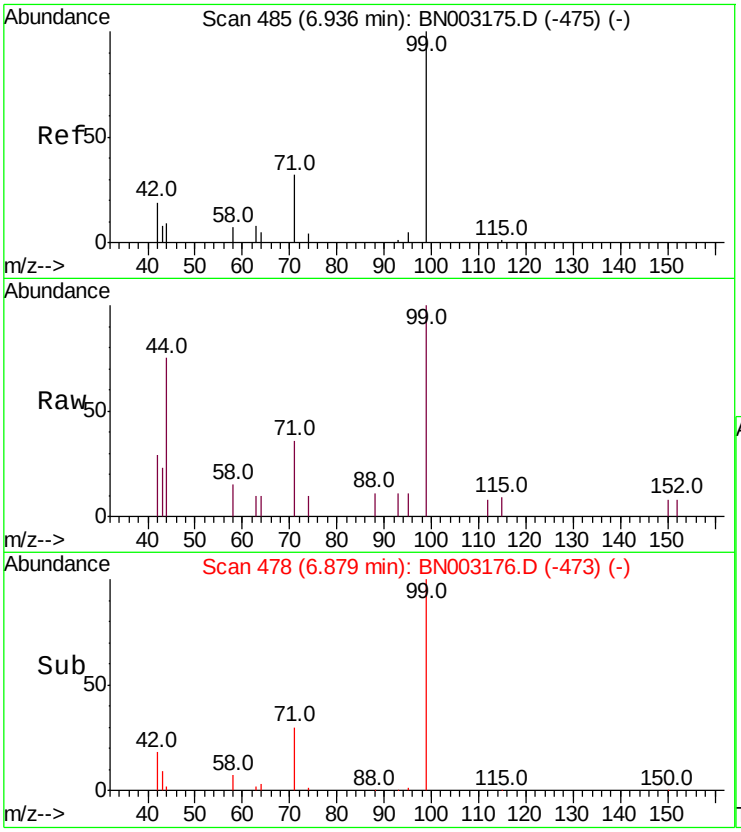


#4
2-Fluorophenol
Concen: 0.735 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.02 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:112 Resp: 2247

Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.0	73.4
63	30.6	25.9	38.9



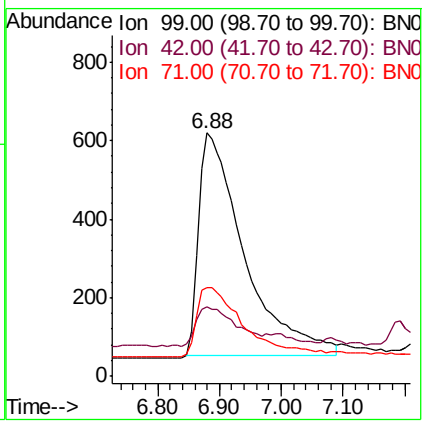


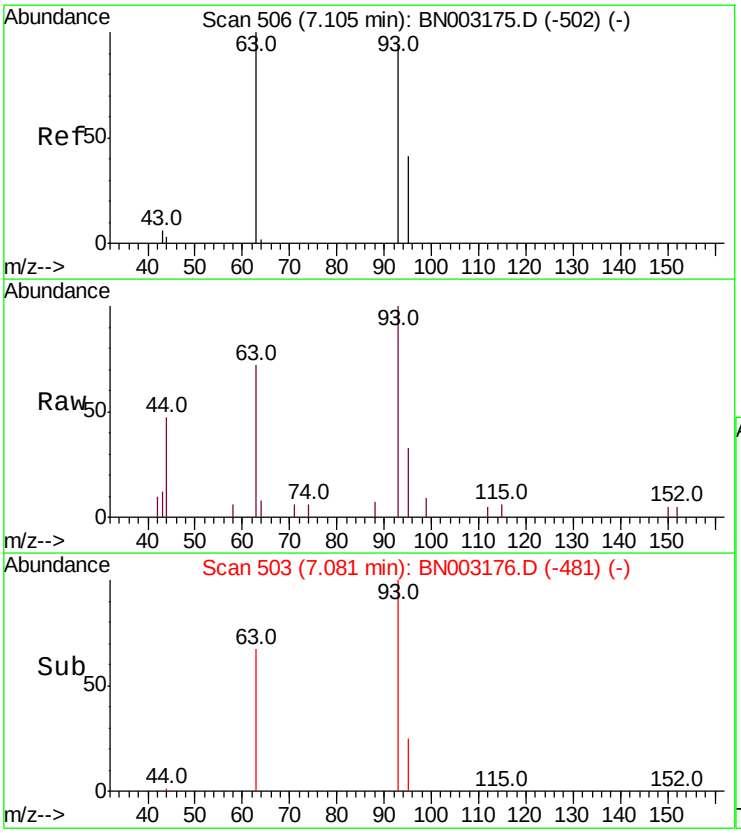
#5
Phenol-d6
Concen: 0.747 ng
RT: 6.88 min Scan# 478
Delta R.T. -0.06 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 2905

Ion	Ratio	Lower	Upper
99	100		
42	14.4	15.4	23.2#
71	29.9	26.0	39.0

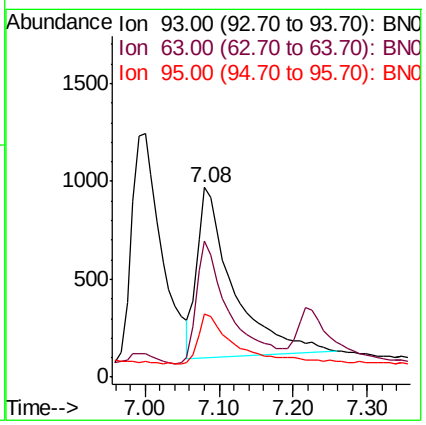


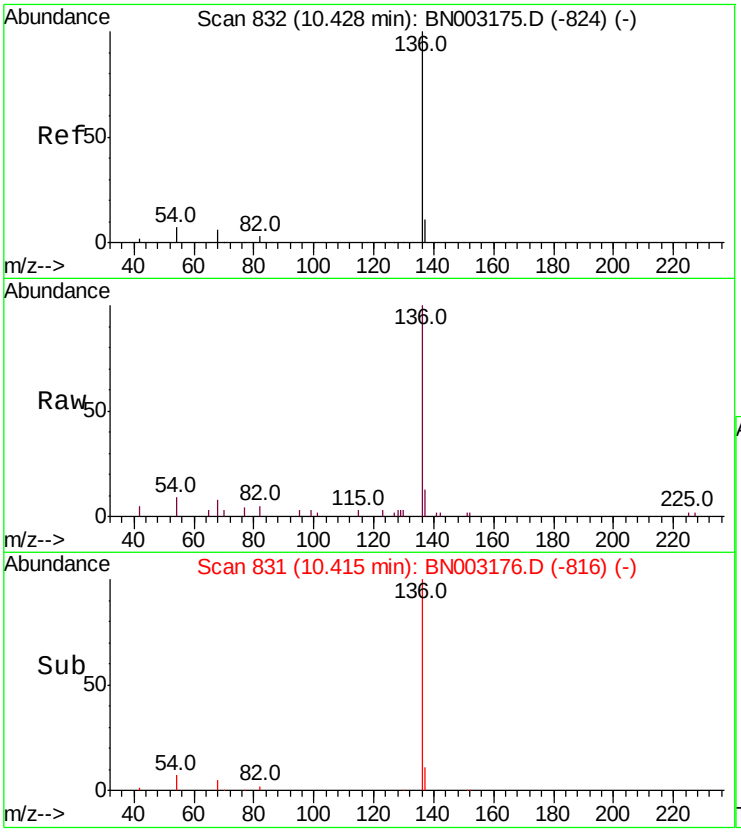


#6
bis(2-Chloroethyl)ether
Concen: 0.853 ng
RT: 7.08 min Scan# 503
Delta R.T. -0.02 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 93 Resp: 2957

Ion	Ratio	Lower	Upper
93	100		
63	63.9	54.2	81.4
95	29.2	24.9	37.3



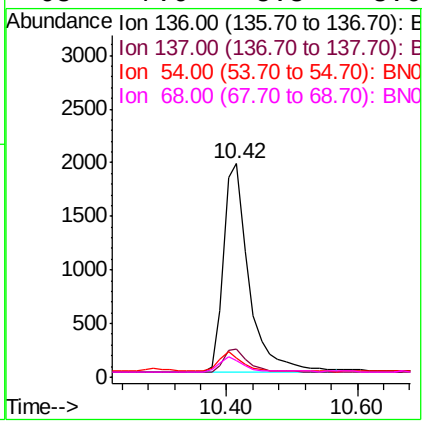


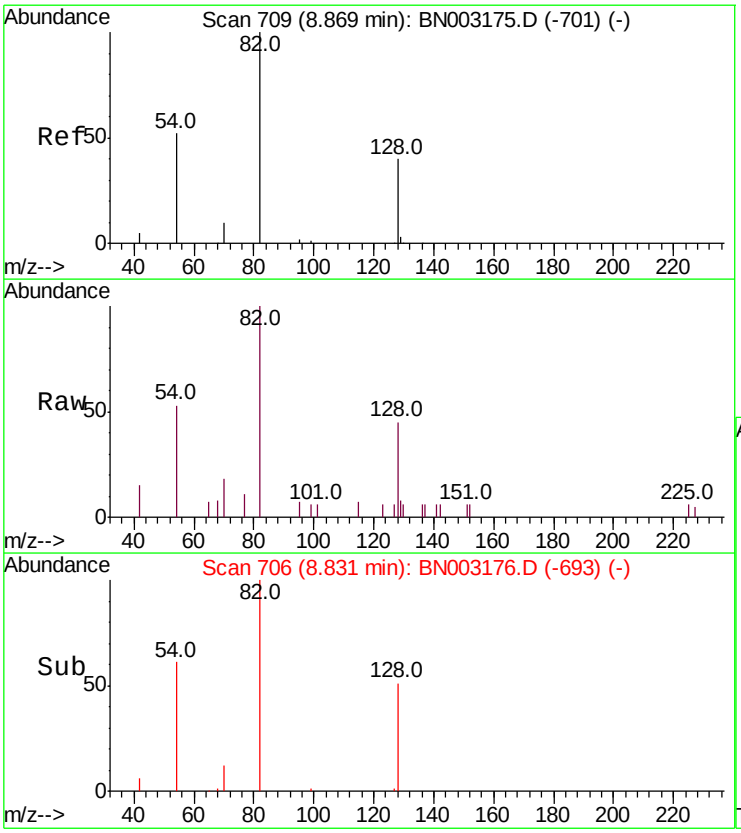
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.42 min Scan# 831
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 5266

Ion	Ratio	Lower	Upper
136	100		
137	13.4	9.4	14.0
54	9.1	7.4	11.0
68	7.6	5.8	8.6

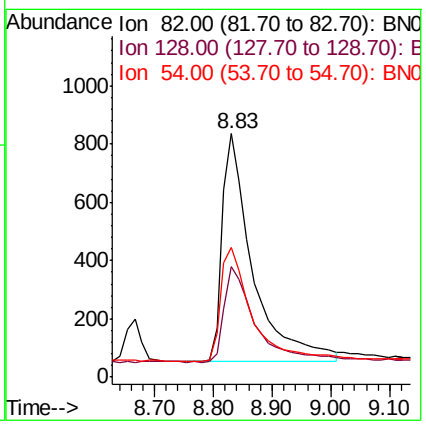


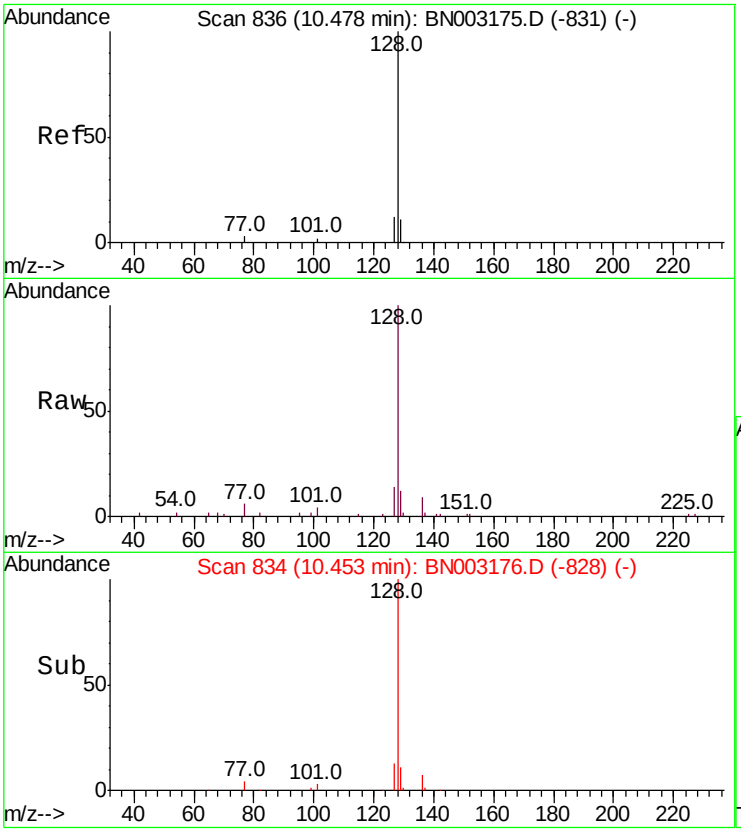


#8
Nitrobenzene-d5
Concen: 0.864 ng
RT: 8.83 min Scan# 706
Delta R.T. -0.04 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion: 82 Resp: 2801

Ion	Ratio	Lower	Upper
82	100		
128	45.3	38.2	57.4
54	53.1	44.1	66.1

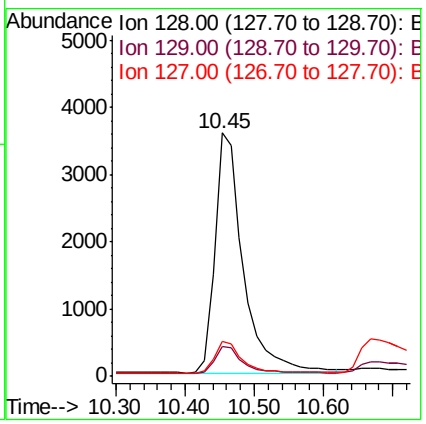




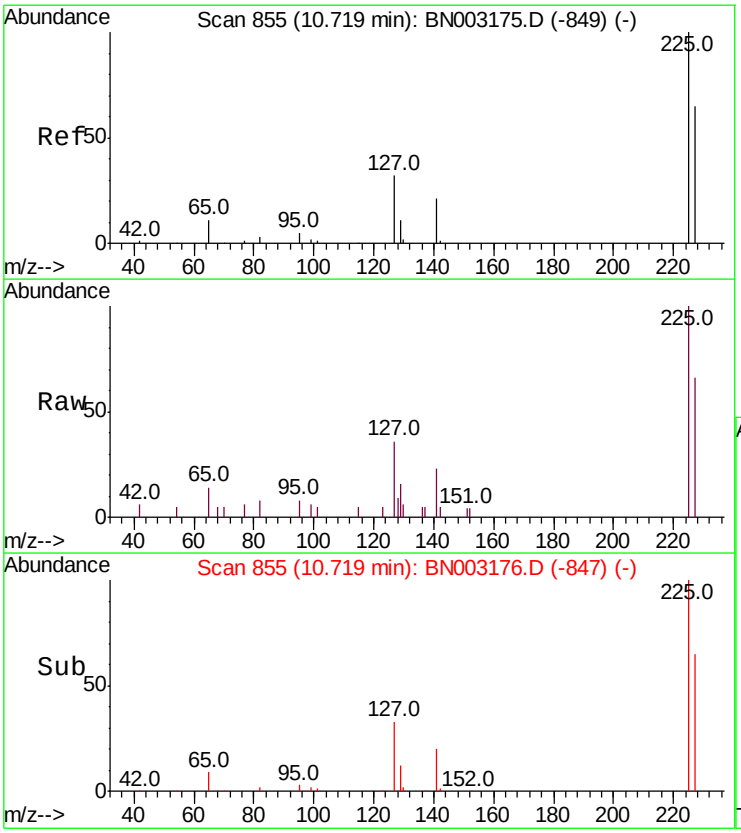
#9
Naphthalene
Concen: 0.851 ng
RT: 10.45 min Scan# 834
Delta R.T. -0.03 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:128 Resp: 10202

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.8	14.6
127	14.2	11.4	17.2



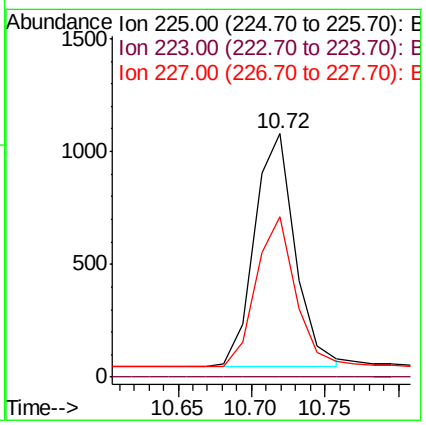
Instrument :
BNA_N
ClientSampleId :

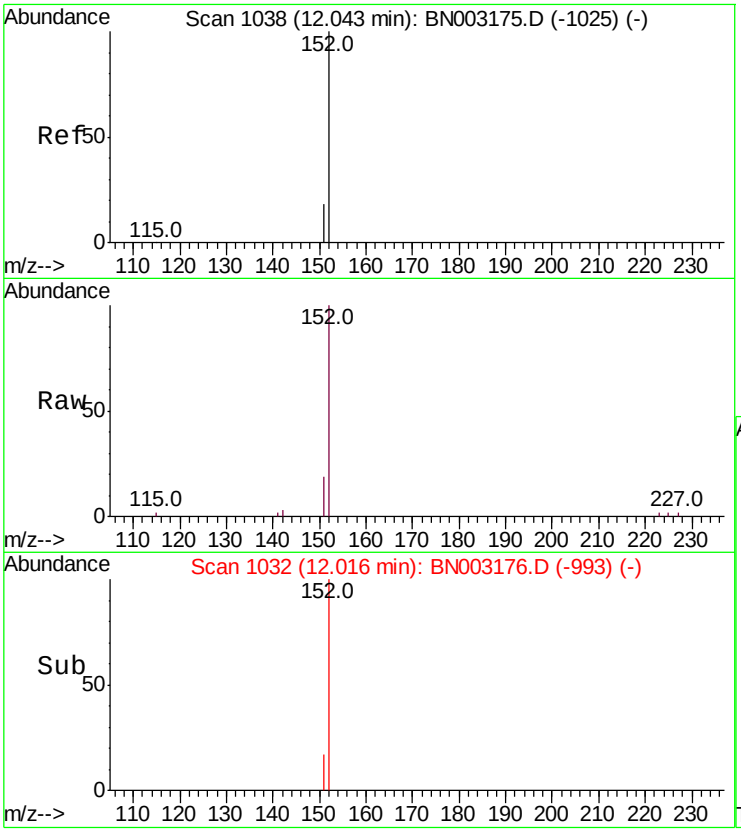


#10
Hexachlorobutadiene
Concen: 0.834 ng
RT: 10.72 min Scan# 855
Delta R.T. 0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:225 Resp: 1978

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	62.9	51.8	77.8



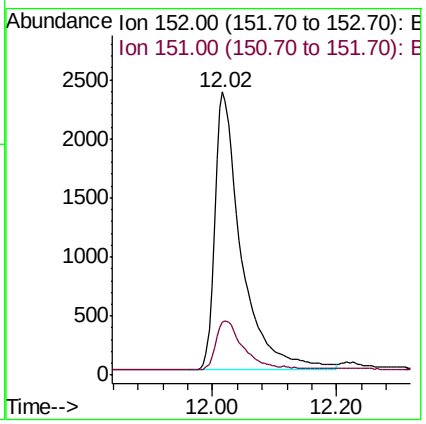


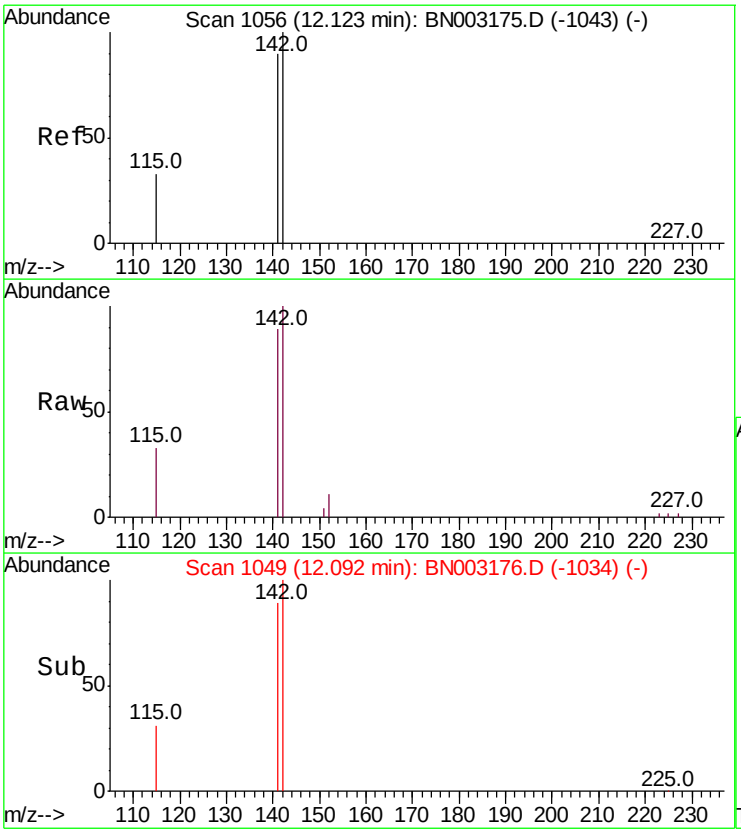
#11
2-Methylnaphthalene-d10
Concen: 0.897 ng
RT: 12.02 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6961

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.4

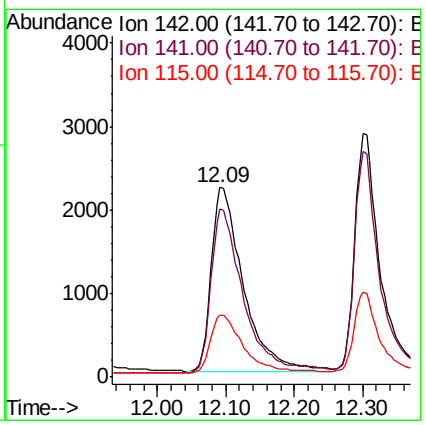


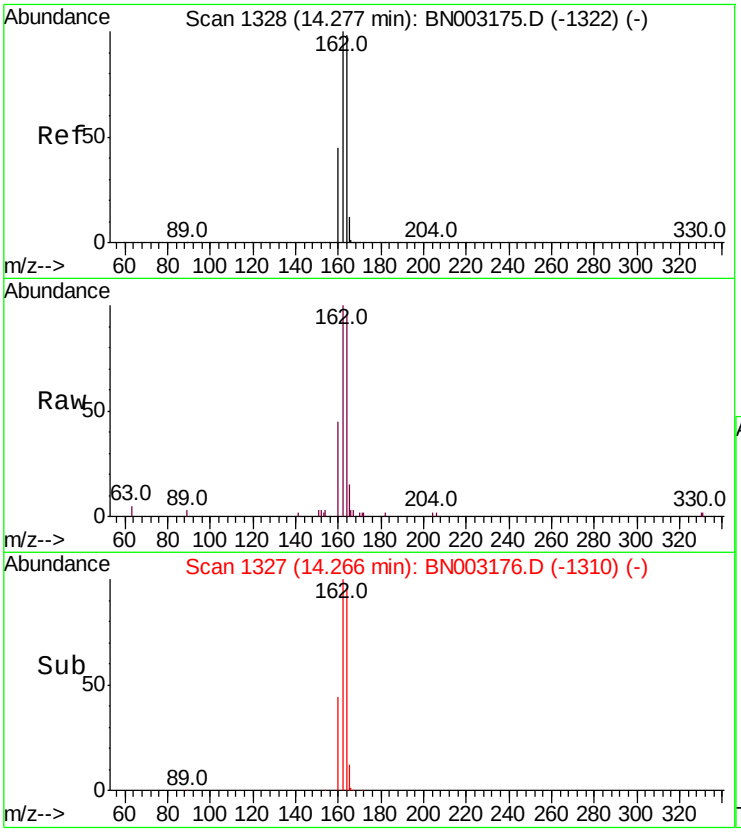


#12
2-Methylnaphthalene
Concen: 0.871 ng
RT: 12.09 min Scan# 1049
Delta R.T. -0.03 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:142 Resp: 7153

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.5	107.3
115	32.6	28.1	42.1



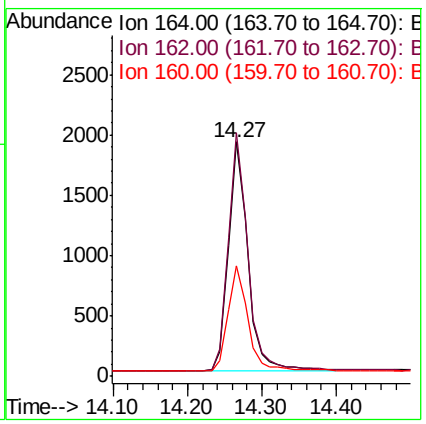


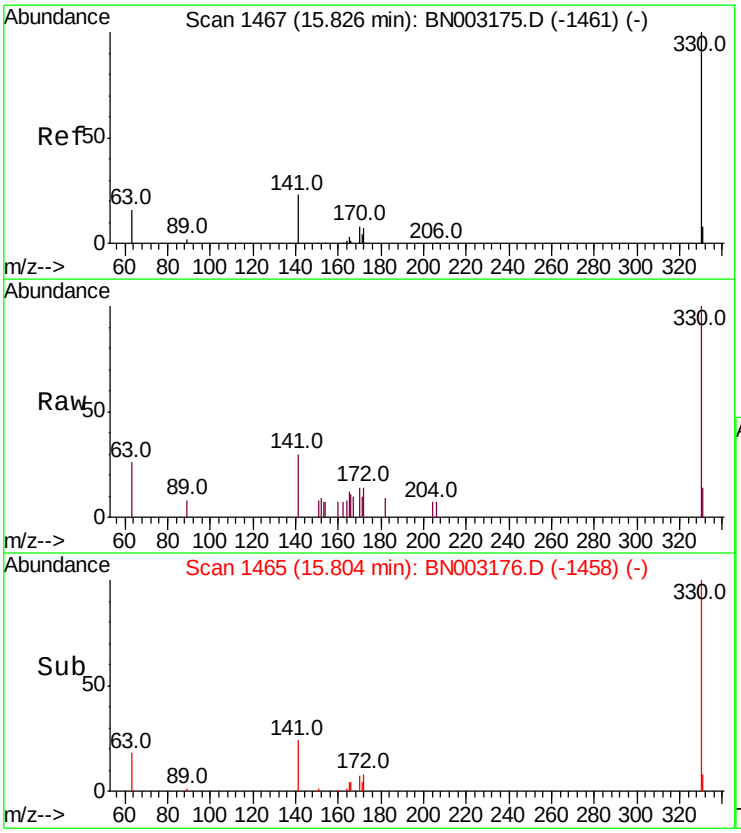
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 3451

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.7	122.5
160	47.2	36.3	54.5

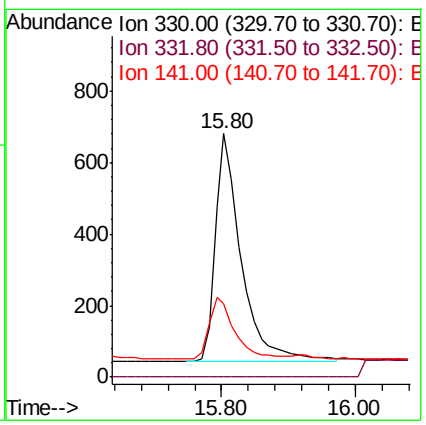


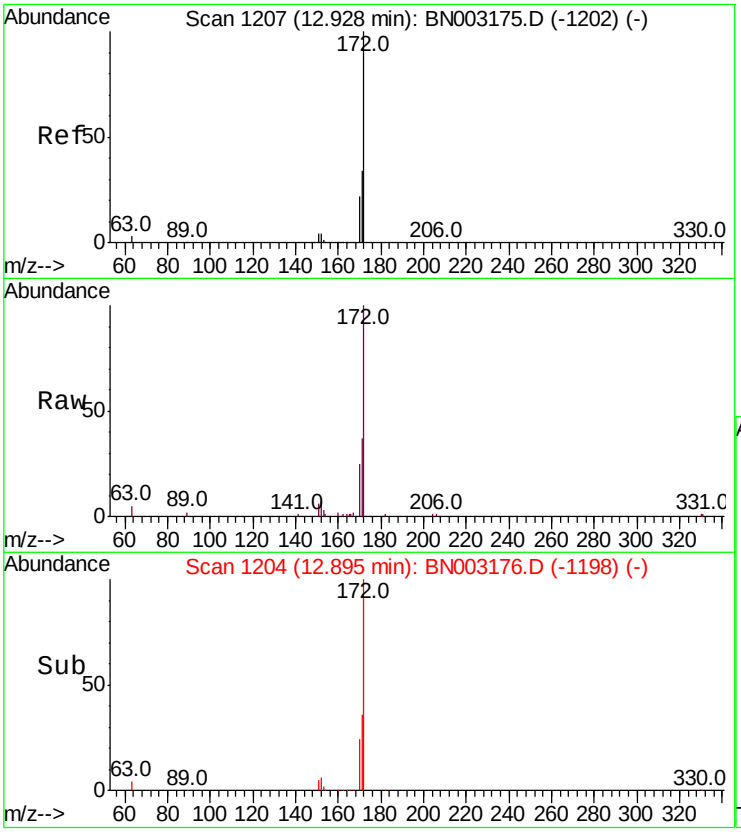


#14
2,4,6-Tribromophenol
Concen: 0.960 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.02 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:330 Resp: 1707

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.7	22.6	33.8



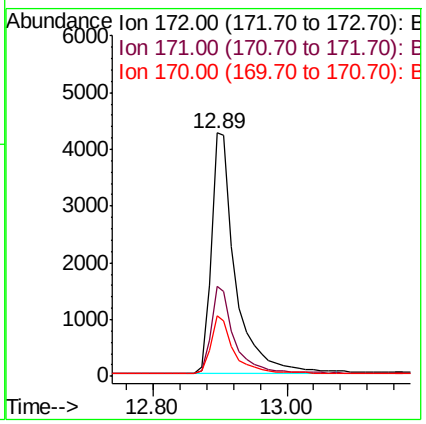


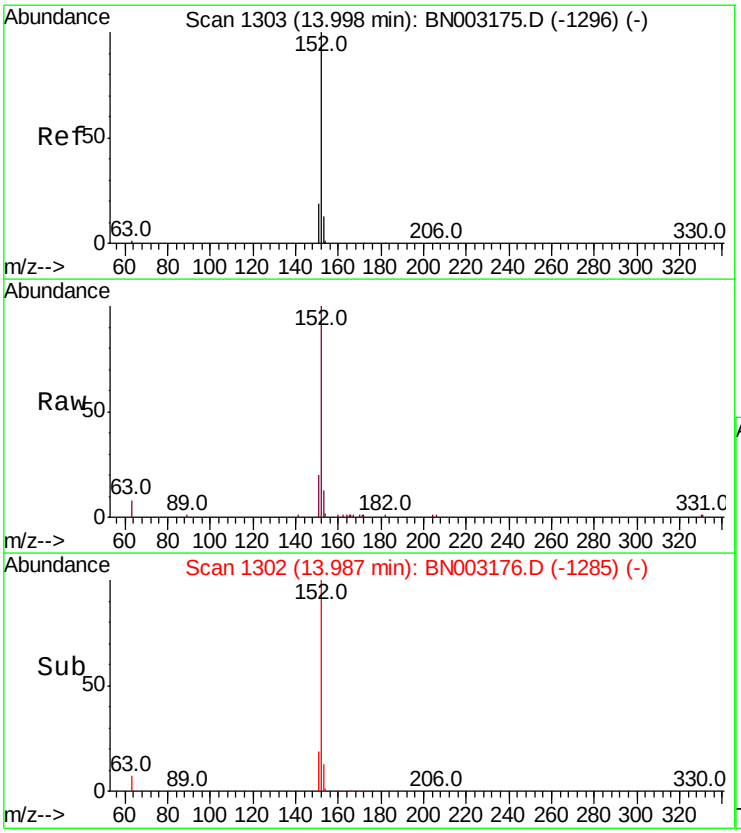
#15
2-Fluorobiphenyl
Concen: 0.866 ng
RT: 12.89 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 10847

Ion	Ratio	Lower	Upper
172	100		
171	36.9	28.6	43.0
170	25.1	18.6	27.8

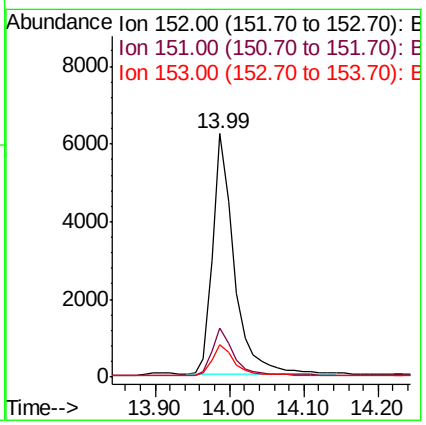


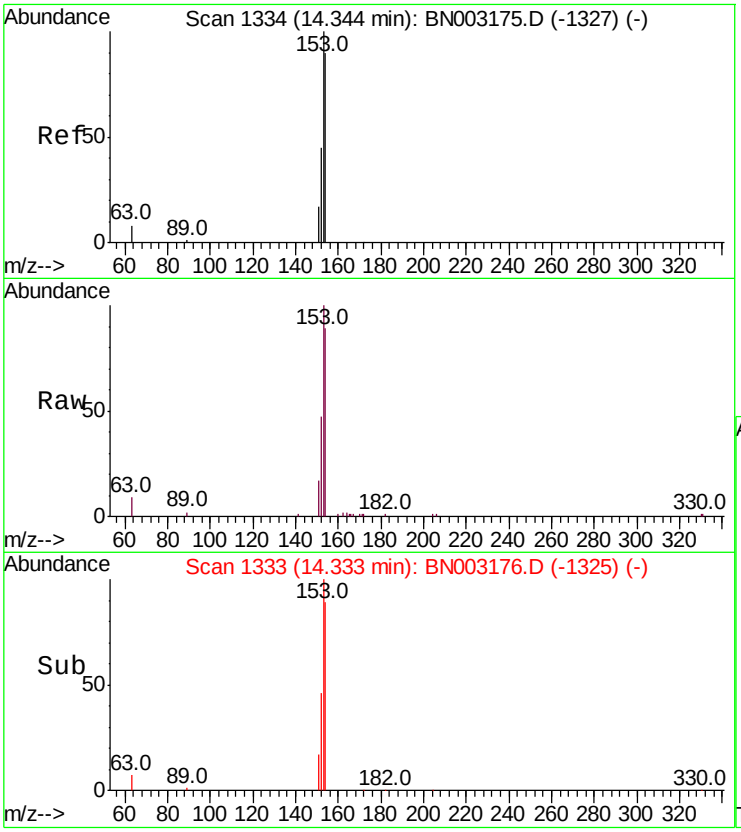


#16
Acenaphthylene
Concen: 0.861 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:152 Resp: 12290

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	16.0



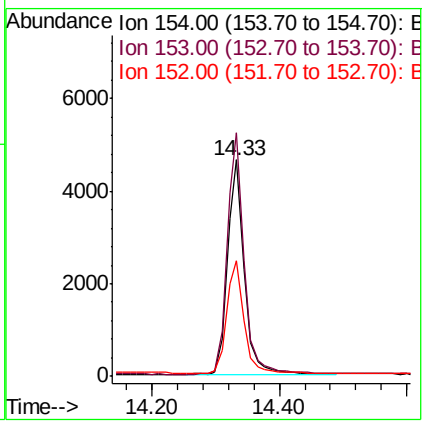


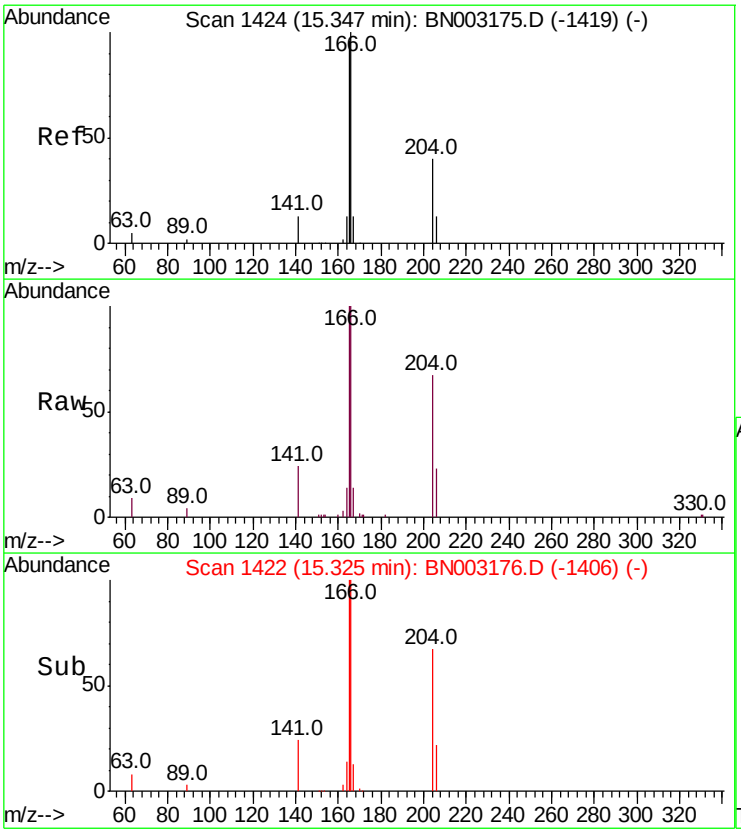
#17
Acenaphthene
Concen: 0.874 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 8373

Ion	Ratio	Lower	Upper
154	100		
153	113.5	91.0	136.4
152	53.5	43.8	65.6

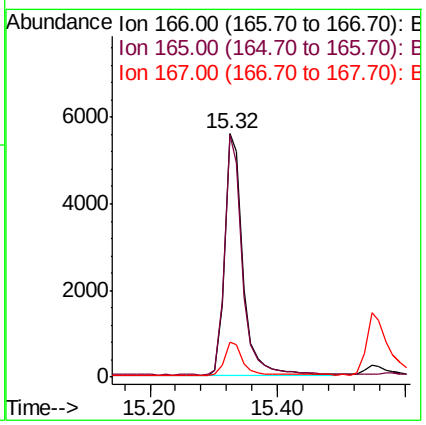


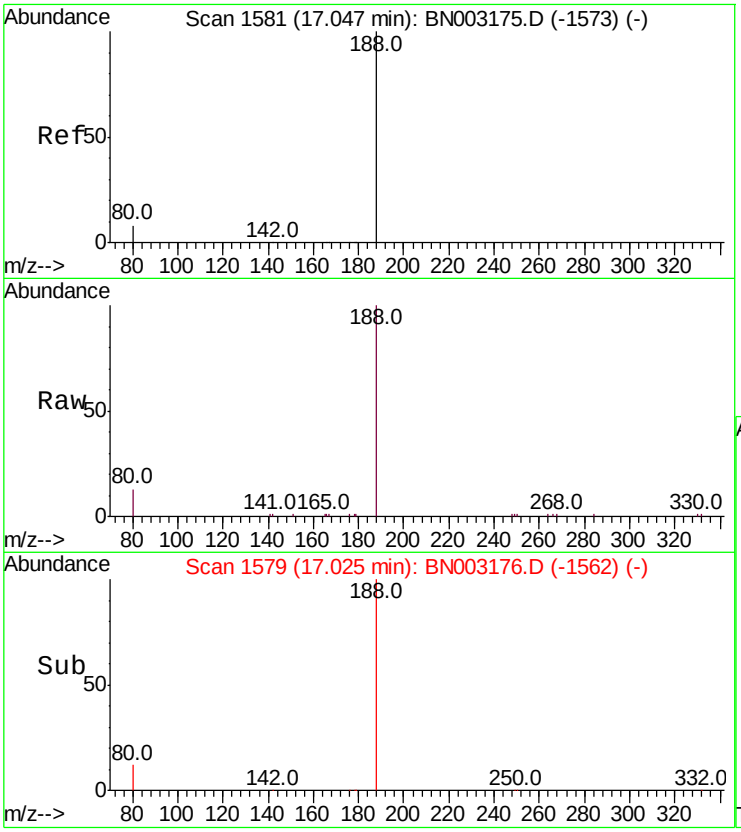


#18
Fluorene
Concen: 0.911 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.02 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:166 Resp: 10914

Ion	Ratio	Lower	Upper
166	100		
165	97.3	78.2	117.2
167	13.5	10.7	16.1



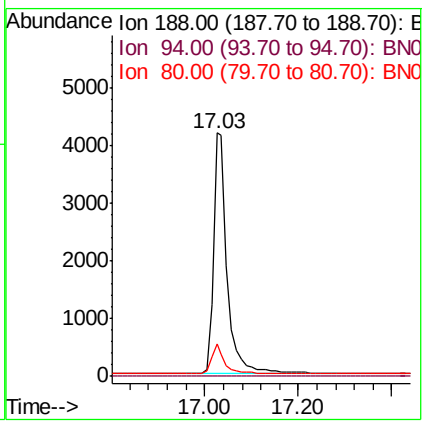


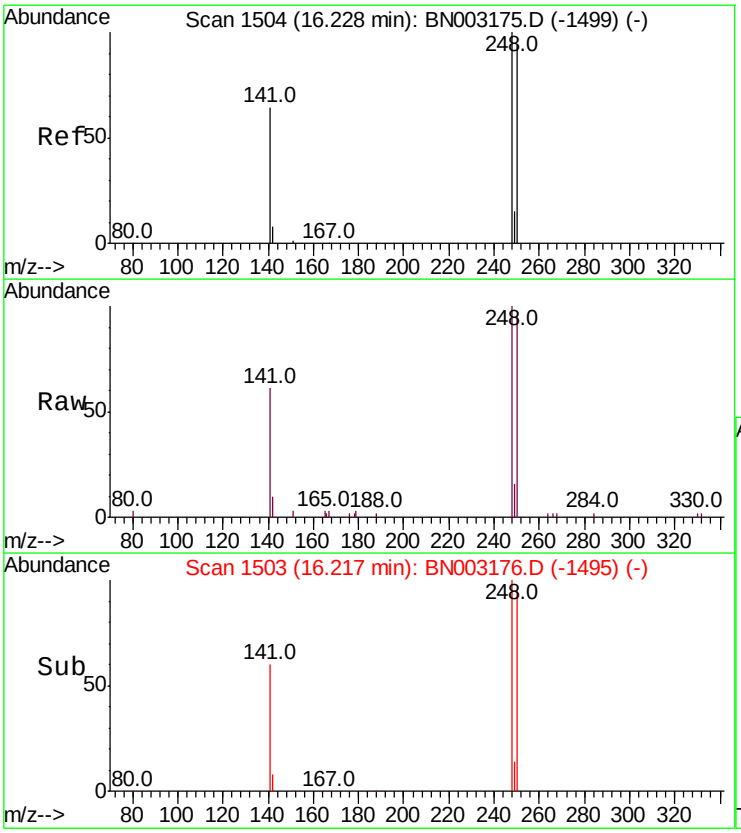
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 8708

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.3	6.7	10.1#

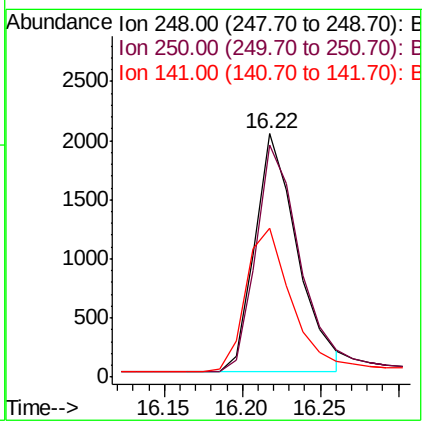


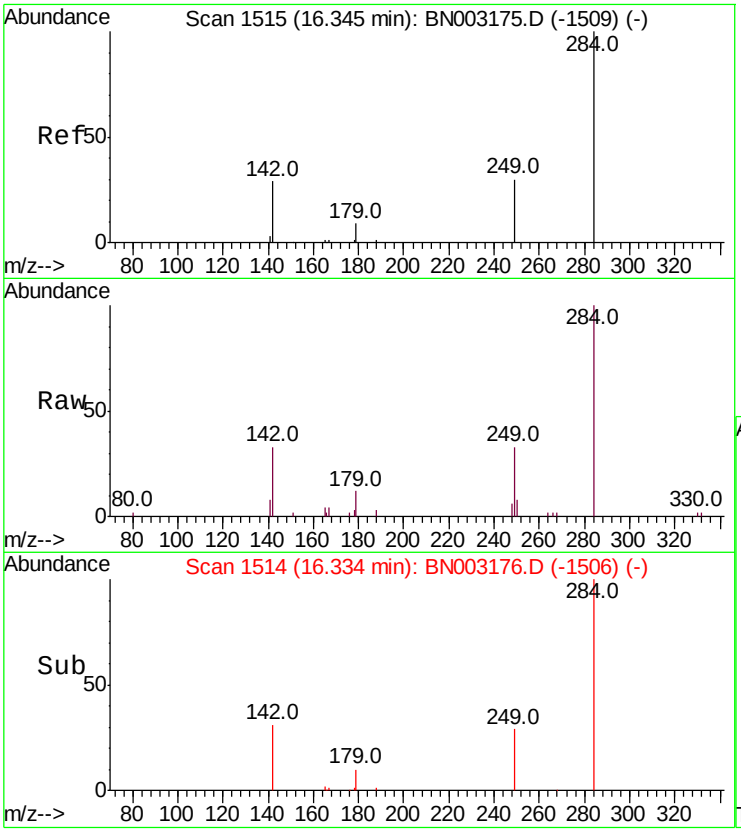


#20
4-Bromophenyl-phenylether
Concen: 0.803 ng
RT: 16.22 min Scan# 1503
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:248 Resp: 3815

Ion	Ratio	Lower	Upper
248	100		
250	95.4	78.9	118.3
141	61.4	48.5	72.7



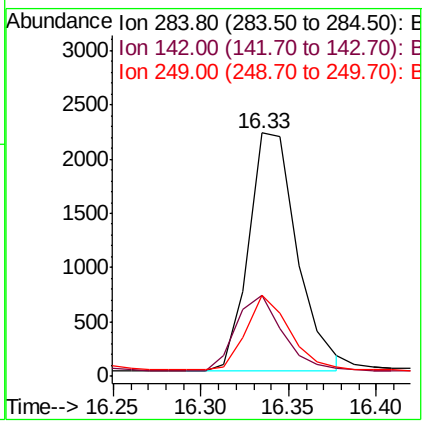


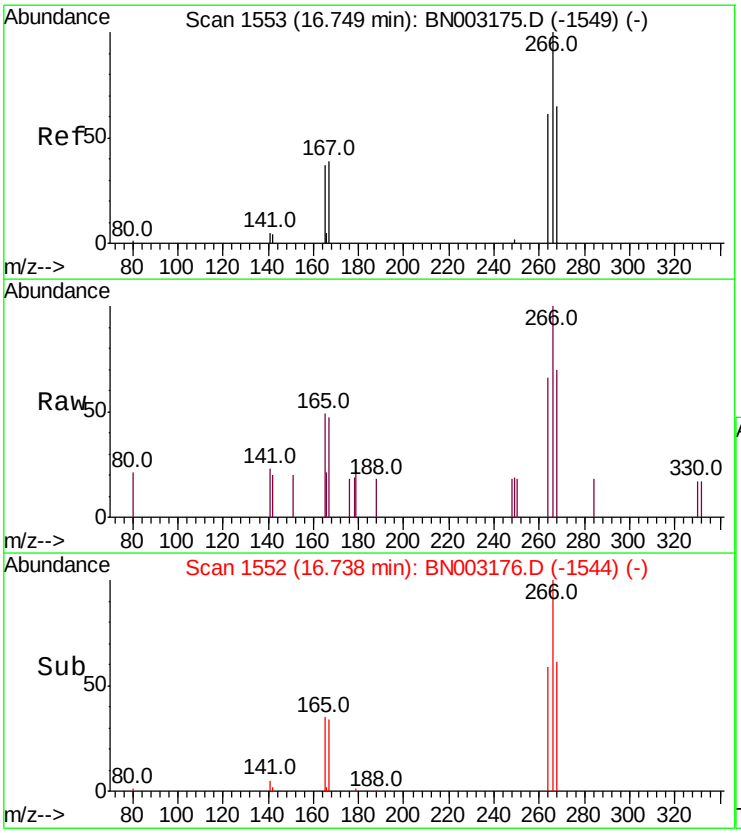
#21
Hexachlorobenzene
Concen: 0.829 ng
RT: 16.33 min Scan# 1514
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 4235

Ion	Ratio	Lower	Upper
284	100		
142	30.1	24.6	37.0
249	28.0	22.3	33.5

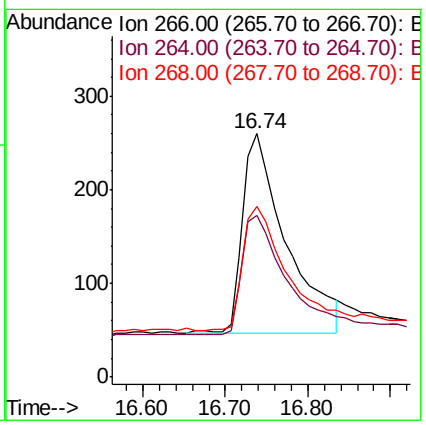


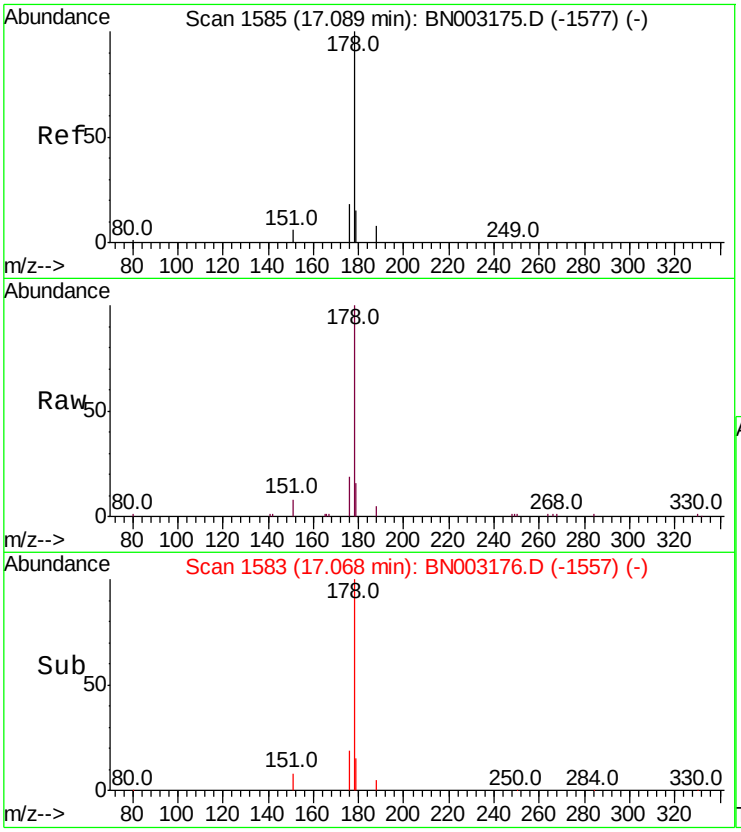


#22
Pentachlorophenol
Concen: 0.724 ng
RT: 16.74 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:266 Resp: 776

Ion	Ratio	Lower	Upper
266	100		
264	66.2	55.0	82.4
268	70.0	60.6	91.0



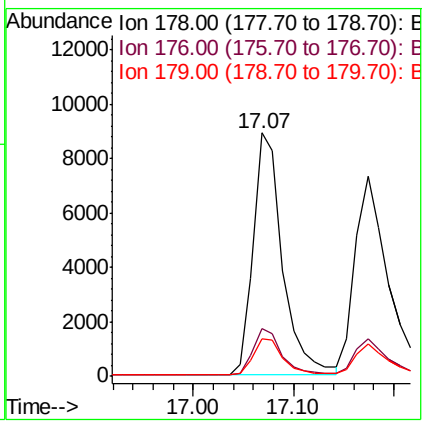


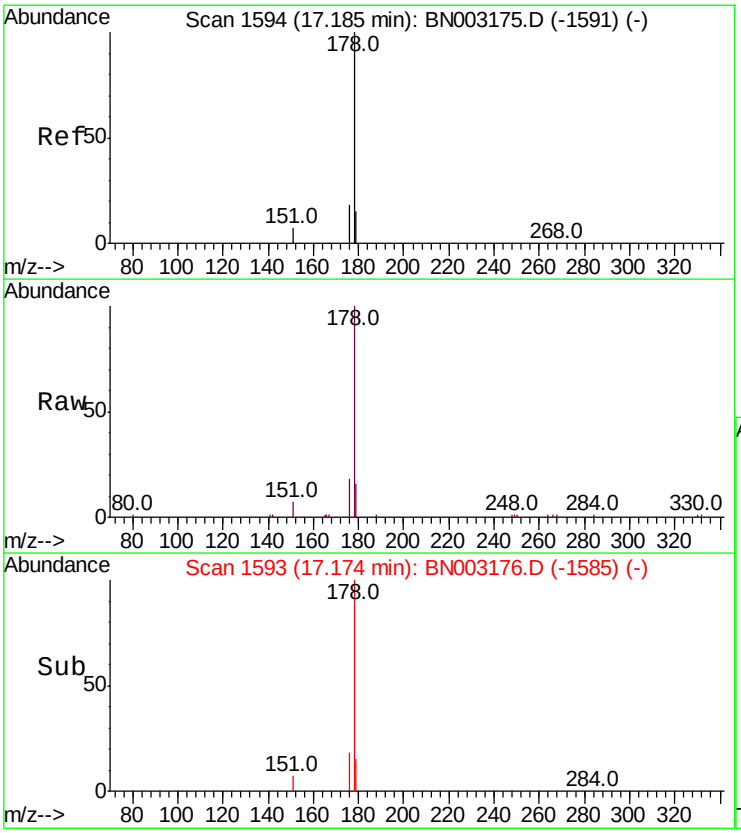
#23
Phenanthrene
Concen: 0.841 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 18112

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.3	12.3	18.5

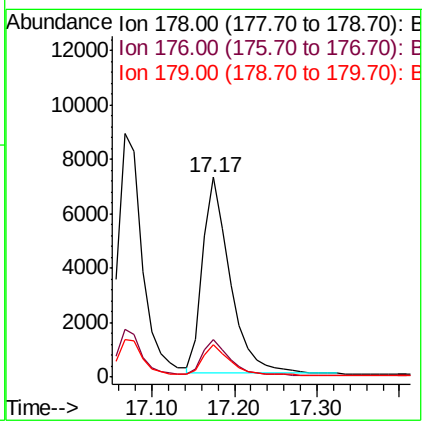


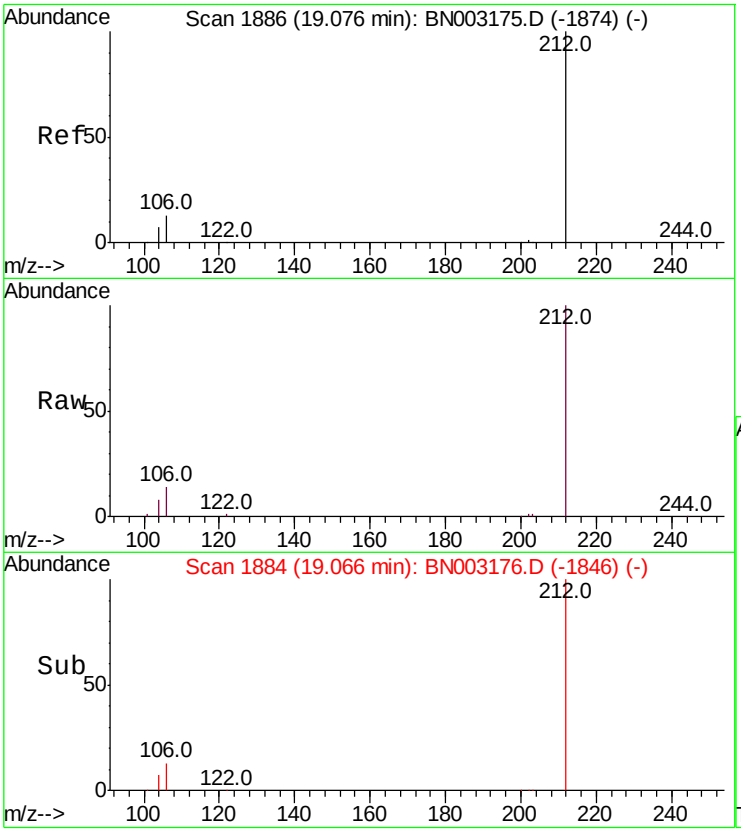


#24
Anthracene
Concen: 0.880 ng
RT: 17.17 min Scan# 1593
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:178 Resp: 16711

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	22.0
179	15.1	12.3	18.5



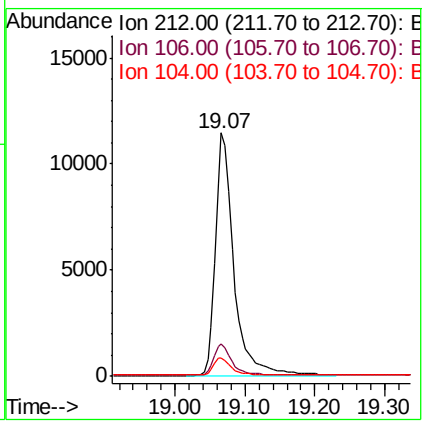


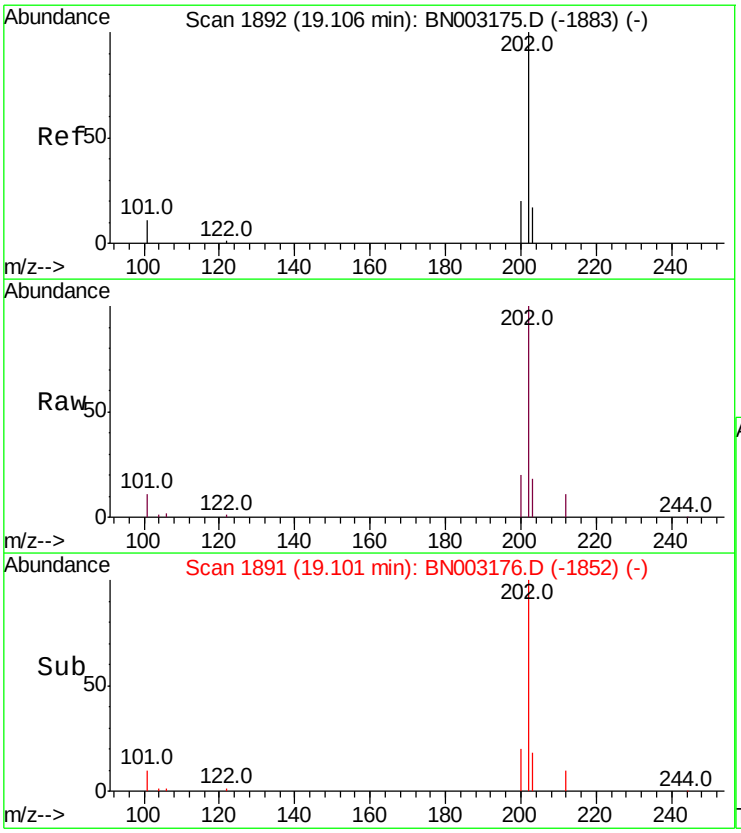
#25
Fluoranthene-d10
Concen: 0.926 ng
RT: 19.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 20881

Ion	Ratio	Lower	Upper
212	100		
106	13.2	10.2	15.4
104	7.3	5.8	8.6

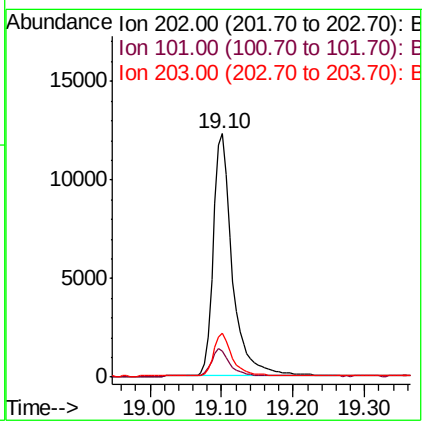


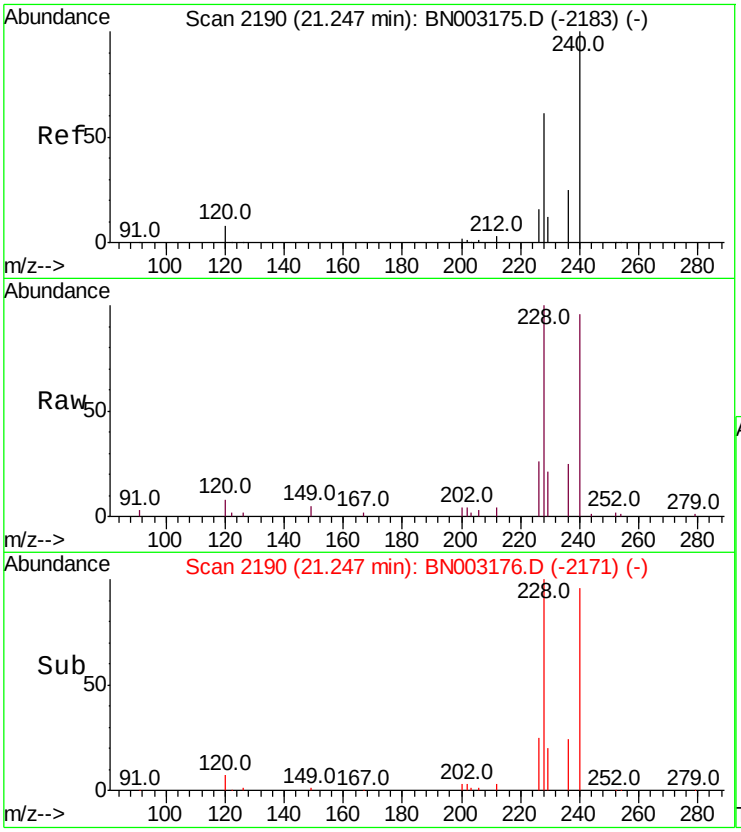


#26
Fluoranthene
Concen: 0.927 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:202 Resp: 22641

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.6	12.8
203	17.0	13.7	20.5



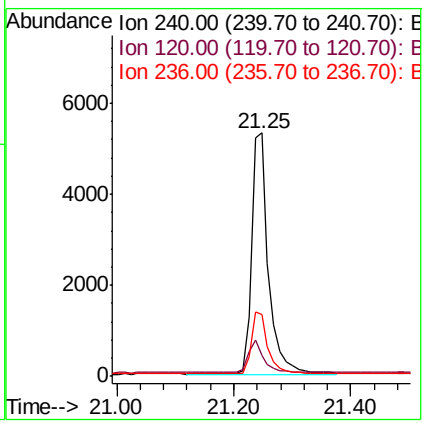


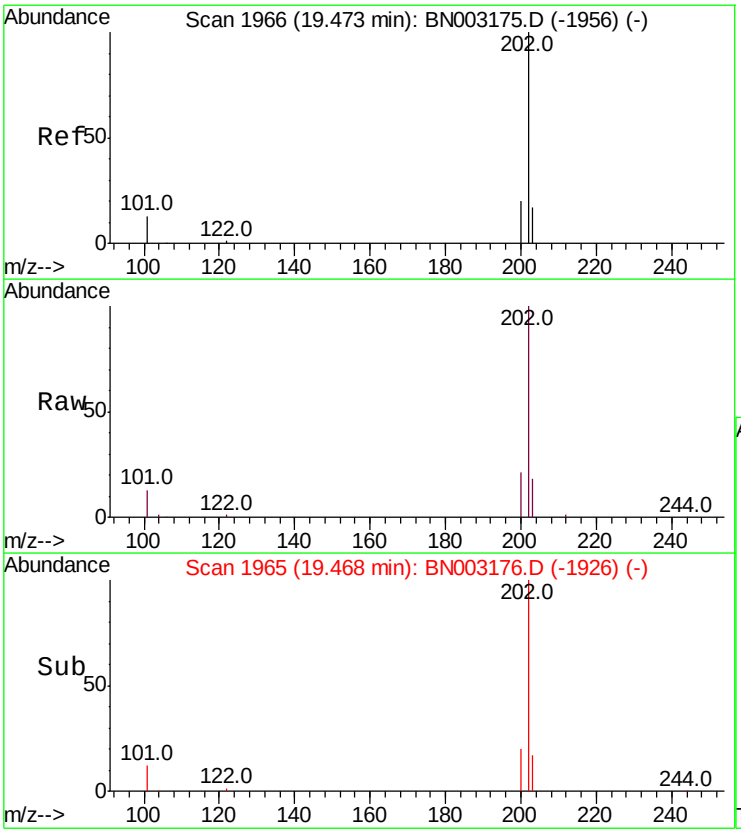
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. 0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 10624

Ion	Ratio	Lower	Upper
240	100		
120	8.6	7.8	11.8
236	25.7	21.0	31.4

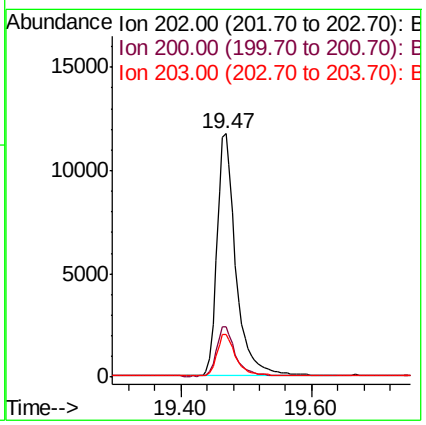


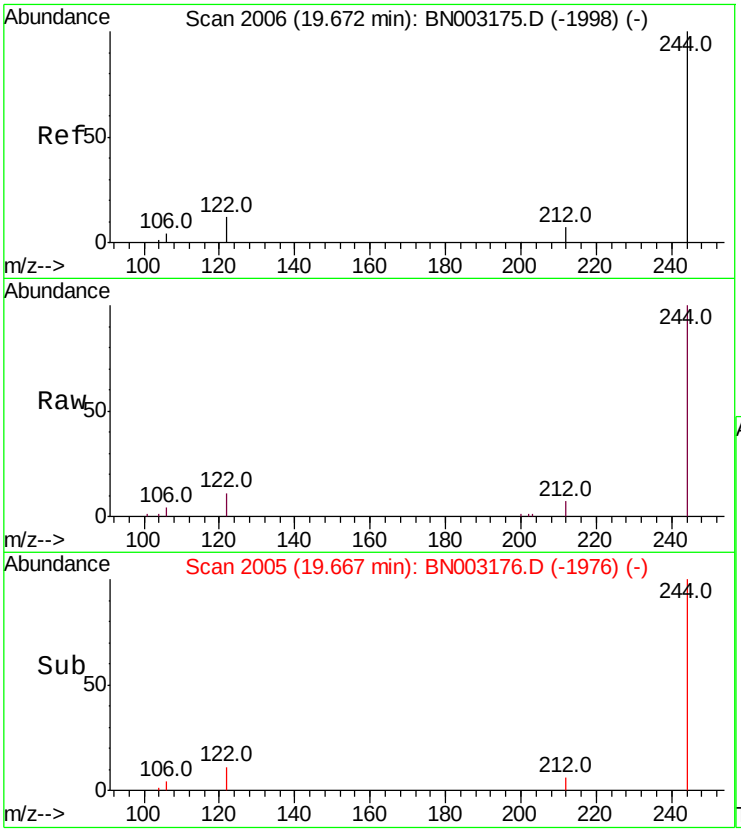


#28
Pyrene
Concen: 0.760 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:202 Resp: 23666

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.3	24.5
203	17.5	14.2	21.2



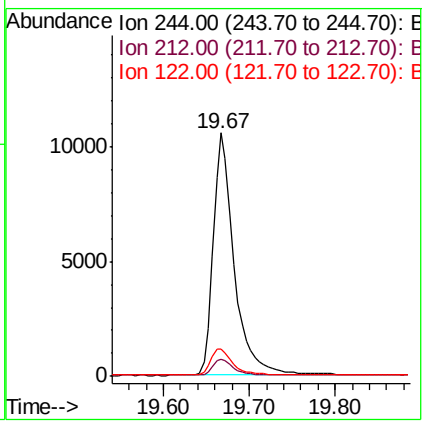


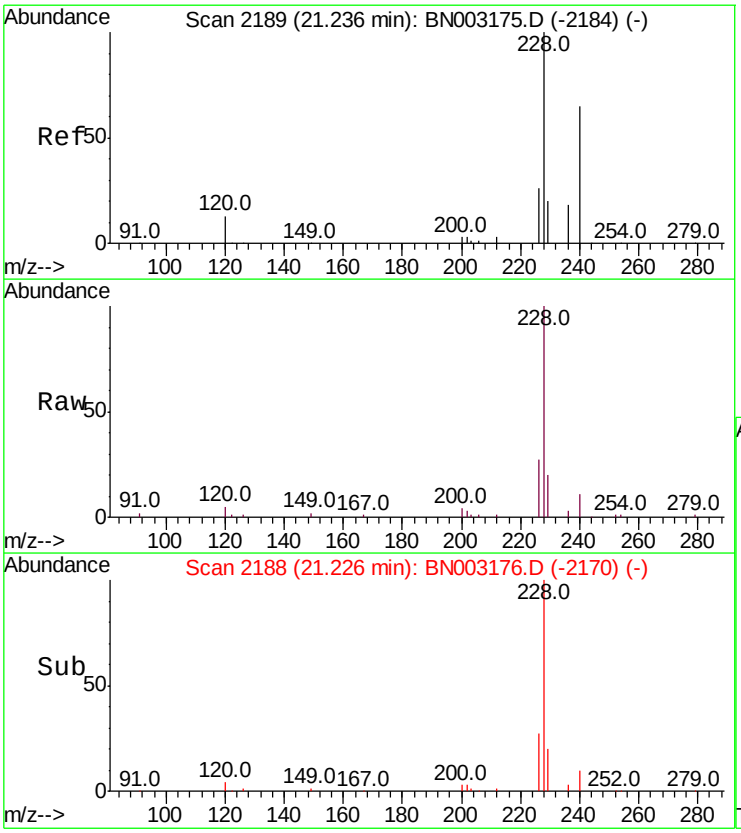
#29
Terphenyl-d14
Concen: 0.765 ng
RT: 19.67 min Scan# 2005
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 17947

Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.2	9.4
122	11.3	9.1	13.7

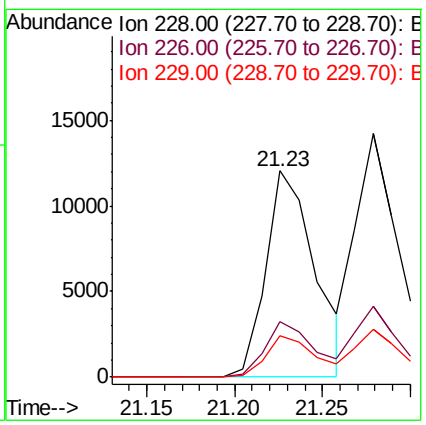


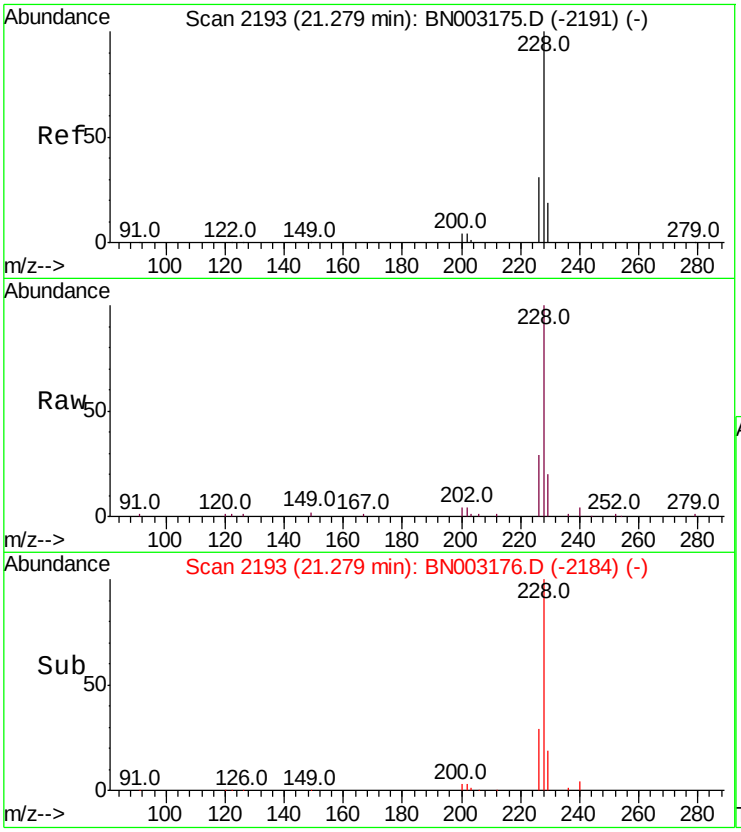


#30
Benzo(a)anthracene
Concen: 0.934 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:228 Resp: 23204

Ion	Ratio	Lower	Upper
228	100		
226	27.1	21.4	32.2
229	19.9	16.4	24.6



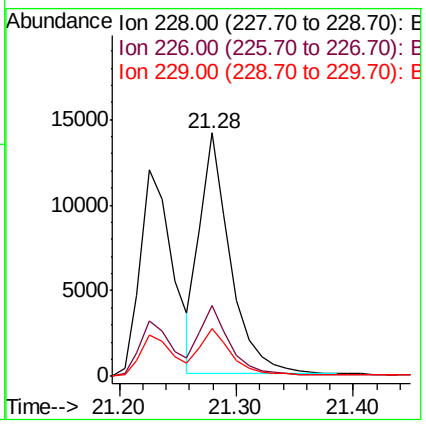


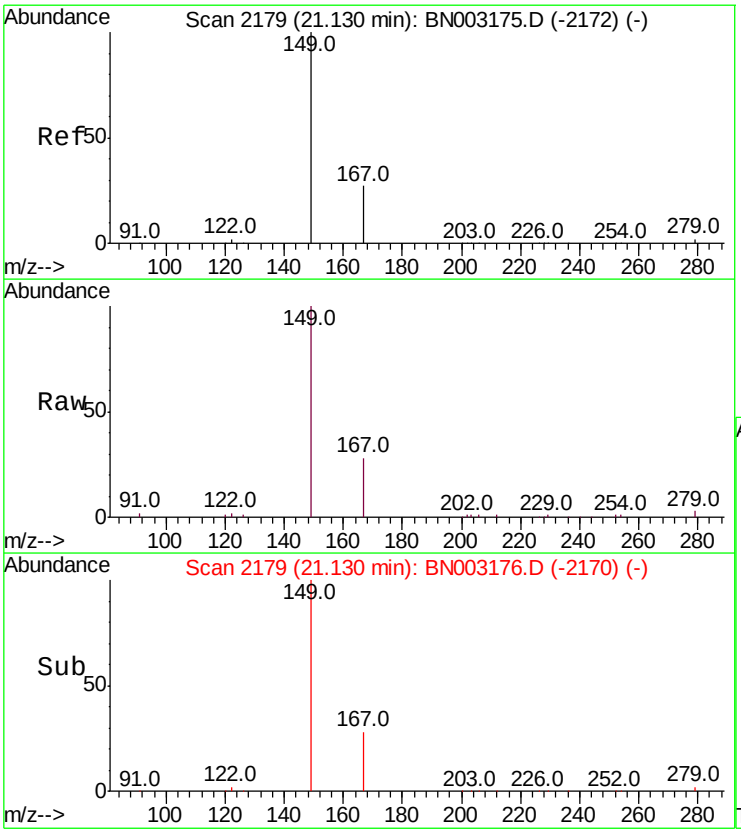
#31
Chrysene
Concen: 0.817 ng
RT: 21.28 min Scan# 2193
Delta R.T. 0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 25318

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.1	34.7
229	19.7	15.9	23.9

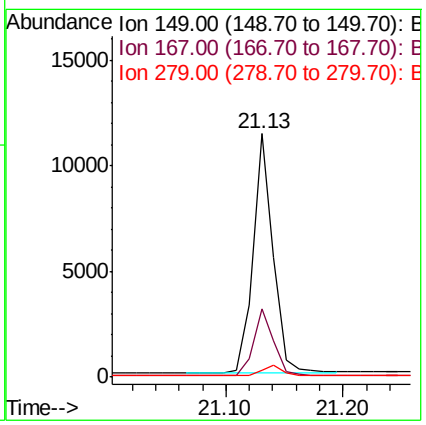


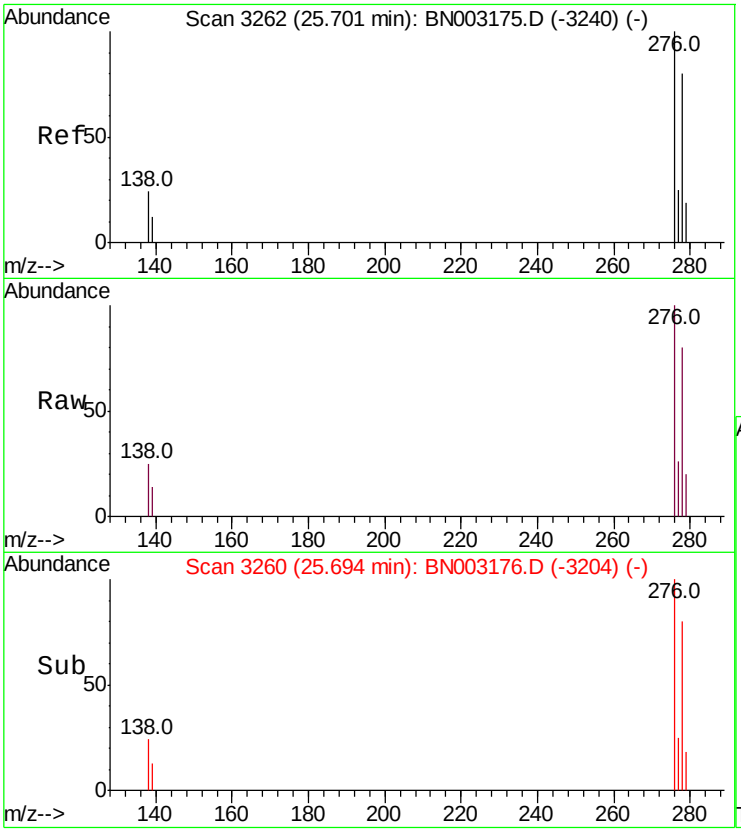


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.804 ng
RT: 21.13 min Scan# 2179
Delta R.T. 0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:149 Resp: 13417

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.2	33.4
279	4.8	3.7	5.5



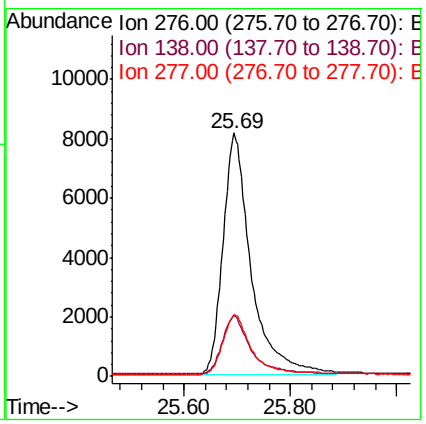


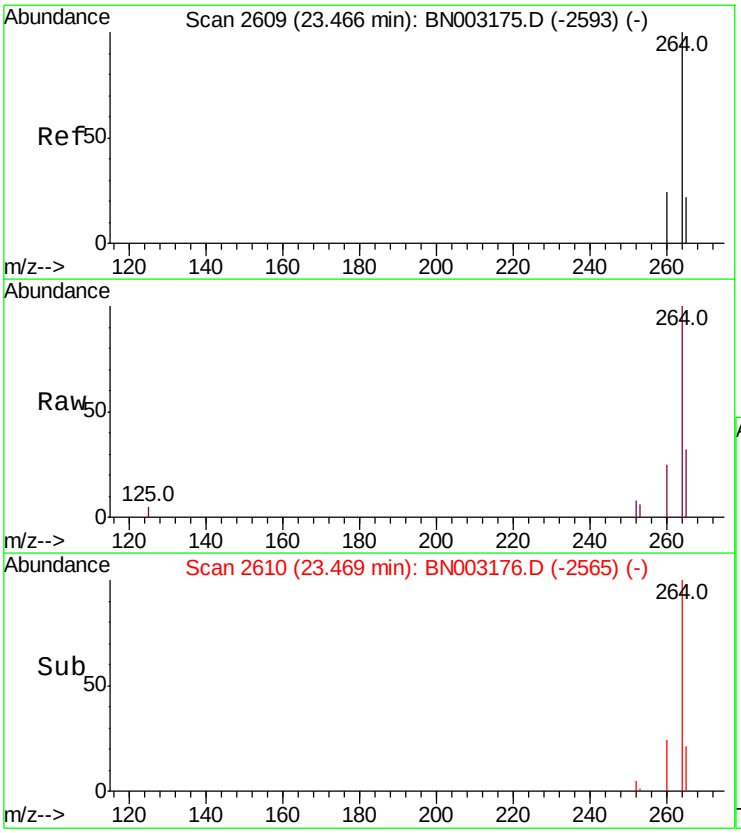
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.145 ng
RT: 25.69 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 30117

Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.2	27.4
277	25.0	20.2	30.4

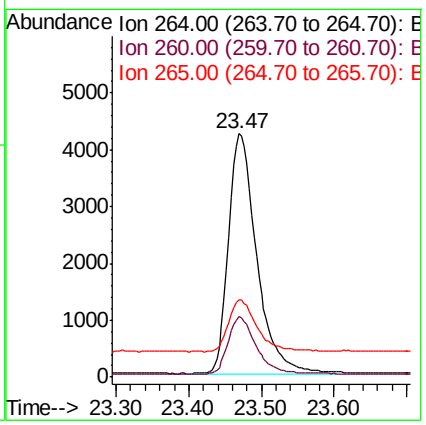


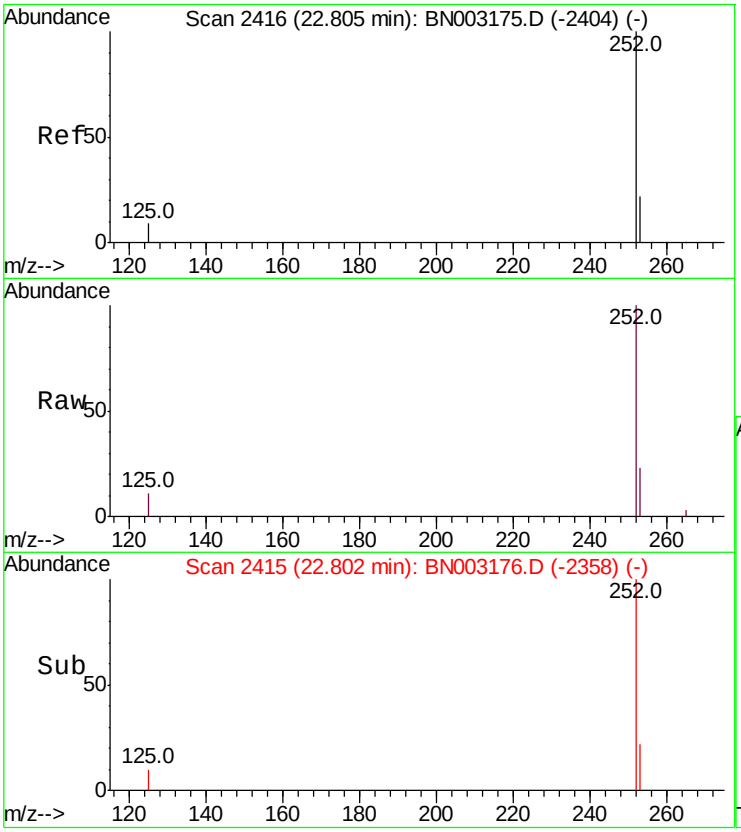


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2610
Delta R.T. 0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:264 Resp: 11307

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.7	29.5
265	31.5	27.6	41.4



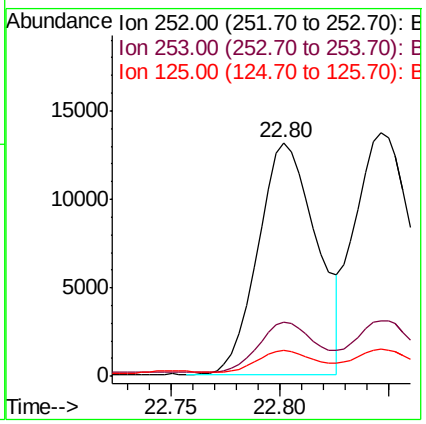


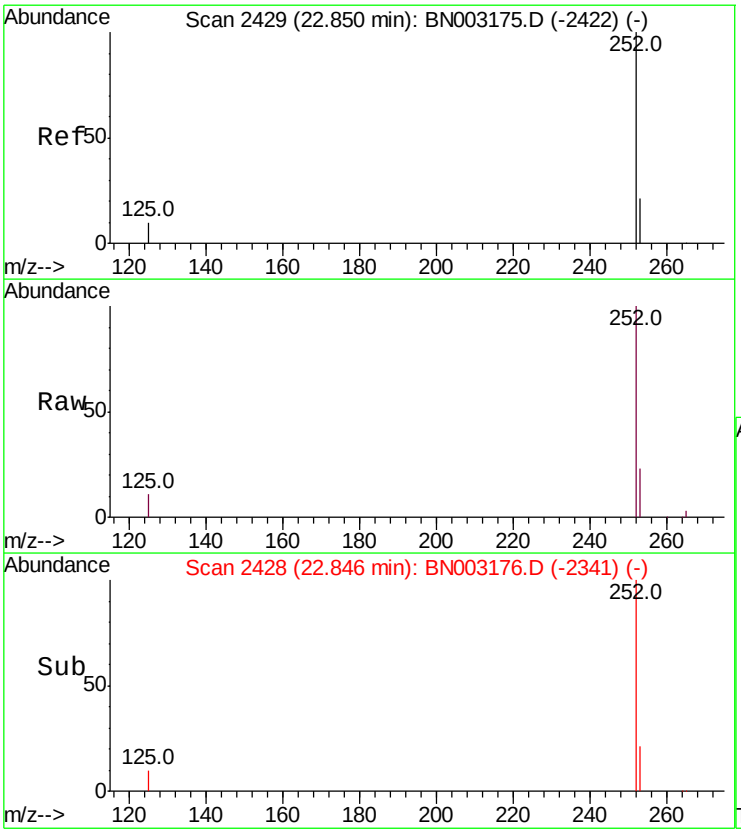
#35
Benzo(b)fluoranthene
Concen: 0.771 ng
RT: 22.80 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24368

Ion	Ratio	Lower	Upper
252	100		
253	23.2	20.8	31.2
125	10.9	9.6	14.4

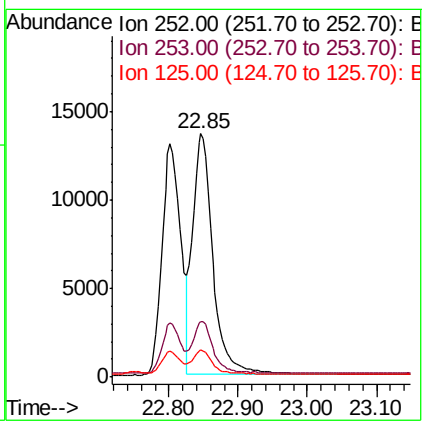


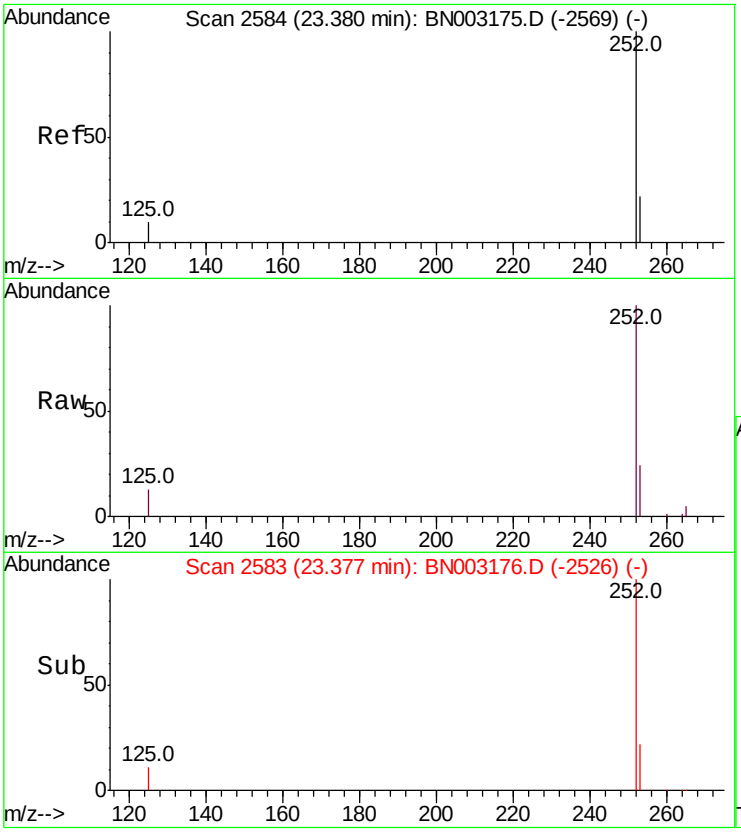


#36
Benzo(k)fluoranthene
Concen: 0.806 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:252 Resp: 27839

Ion	Ratio	Lower	Upper
252	100		
253	22.7	20.5	30.7
125	11.1	9.4	14.0



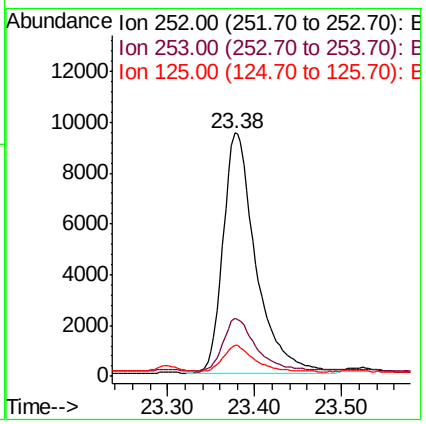


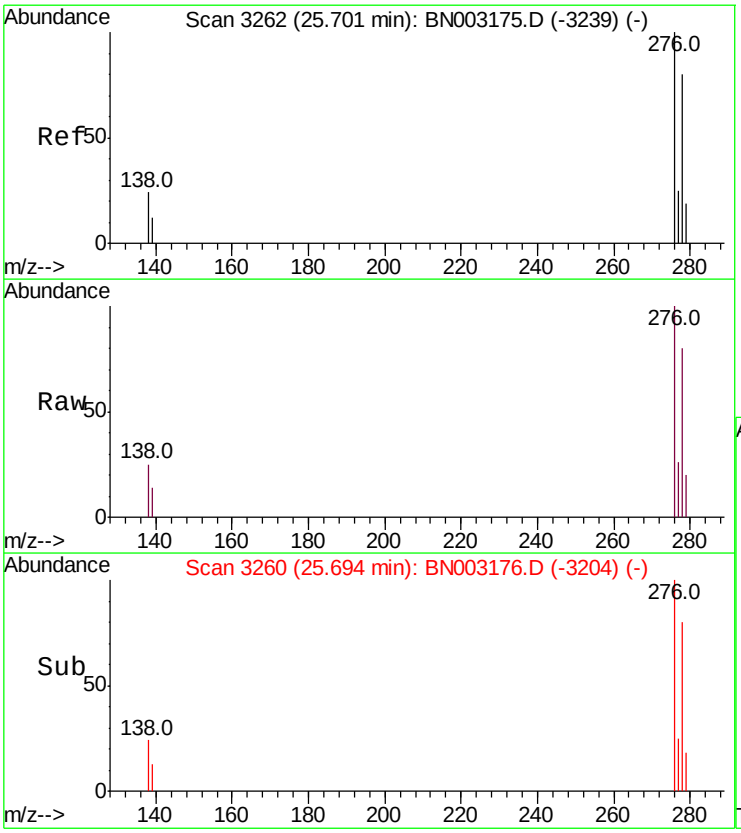
#37
Benzo(a)pyrene
Concen: 0.839 ng
RT: 23.38 min Scan# 2583
Delta R.T. -0.00 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24635

Ion	Ratio	Lower	Upper
252	100		
253	23.8	22.4	33.6
125	12.5	11.4	17.0

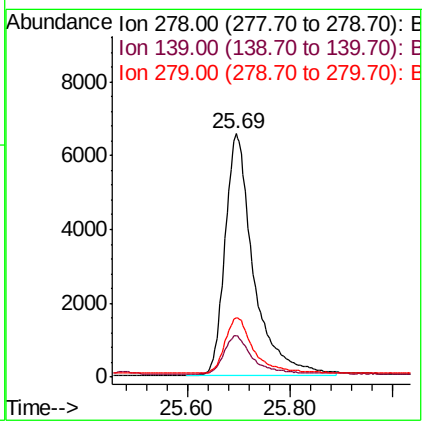


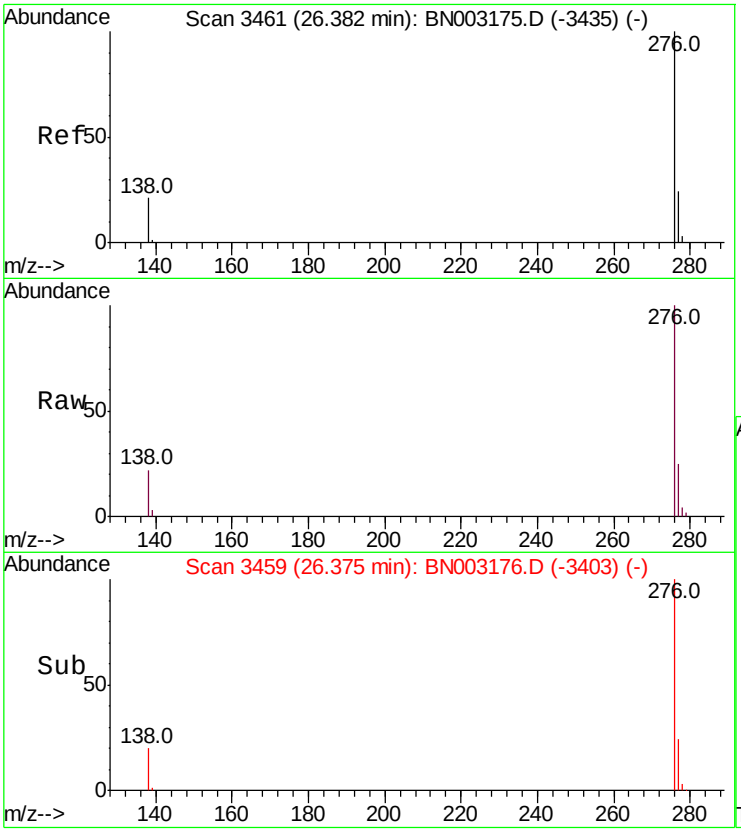


#38
Dibenzo(a,h)anthracene
Concen: 0.942 ng
RT: 25.69 min Scan# 3260
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Tgt Ion:278 Resp: 25127

Ion	Ratio	Lower	Upper
278	100		
139	17.2	14.6	21.8
279	24.4	23.1	34.7





#39
Benzo(g,h,i)perylene
Concen: 0.923 ng
RT: 26.38 min Scan# 3459
Delta R.T. -0.01 min
Lab File: BN003176.D
Acq: 17 Oct 2018 11:26

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 25213

Ion	Ratio	Lower	Upper
276	100		
277	24.6	21.0	31.4
138	21.7	18.1	27.1