Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003178.D
Acq On : 17 Oct 2018 12:36
Operator : MJ/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC3.2

Quant Time: Oct 17 13:08:51 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	7.63	152	1134	0.40	ng		-0.02
7) Naphthalene-d8	10.39	136	4892	0.40	ng		-0.04
13) Acenaphthene-d10	14.25	164	3173	0.40	ng		-0.02
19) Phenanthrene-d10	17.01	188	7743	0.40	ng		-0.03
27) Chrysene-d12	21.23	240	9639	0.40	ng		-0.02
34) Perylene-d12	23.46	264	10049	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.27	112	8632	3.12	ng		-0.03
5) Phenol-d6	0.00	99	0	0.00	ng		
8) Nitrobenzene-d5	8.79	82	11700	3.88	ng		-0.08
11) 2-Methylnaphthalene-d10	11.99	152	26696	3.70	ng		-0.05
14) 2,4,6-Tribromophenol	15.78	330	6751	4.13	ng		-0.04
15) 2-Fluorobiphenyl	12.87	172	39669	3.44	ng		-0.06
25) Fluoranthene-d10	19.06	212	77680	3.88	ng		-0.02
29) Terphenyl-d14	19.66	244	64807	3.04	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	4609	3.653	ng		97
3) n-Nitrosodimethylamine	3.55	42	2809	4.415	ng	#	92
6) bis(2-Chloroethyl)ether	7.06	93	10603	3.377	ng		89
9) Naphthalene	10.44	128	38511	3.456	ng		97
10) Hexachlorobutadiene	10.71	225	7170	3.255	ng	#	99
12) 2-Methylnaphthalene	12.07	142	28033	3.674	ng		99
16) Acenaphthylene	13.98	152	50457	3.843	ng		100
17) Acenaphthene	14.32	154	31580	3.586	ng		99
18) Fluorene	15.31	166	40818	3.705	ng		99
20) 4-Bromophenyl-phenylether	16.21	248	15175	3.593	ng	#	94
21) Hexachlorobenzene	16.32	284	15958	3.512	ng		99
22) Pentachlorophenol	16.71	266	4009	4.206	ng		89
23) Phenanthrene	17.06	178	67554	3.526	ng		100
24) Anthracene	17.15	178	64692	3.830	ng		99
26) Fluoranthene	19.09	202	84231	3.878	ng		99
28) Pyrene	19.45	202	87208	3.085	ng		100
30) Benzo(a)anthracene	21.22	228	84506	3.748	ng		98
31) Chrysene	21.27	228	93687	3.330	ng		99
32) Bis(2-ethylhexyl)phthalate	21.13	149	52285	3.455	ng		99
33) Indeno(1,2,3-cd)pyrene	25.66	276	112416	4.709	ng		98
35) Benzo(b)fluoranthene	22.78	252	90840	3.235	ng		93
36) Benzo(k)fluoranthene	22.82	252	100153	3.261	ng		94
37) Benzo(a)pyrene	23.35	252	90869	3.484	ng	#	90
38) Dibenzo(a,h)anthracene	25.66	278	94166	3.973	ng		92
39) Benzo(g,h,i)perylene	26.33	276	93549	3.855	ng		96

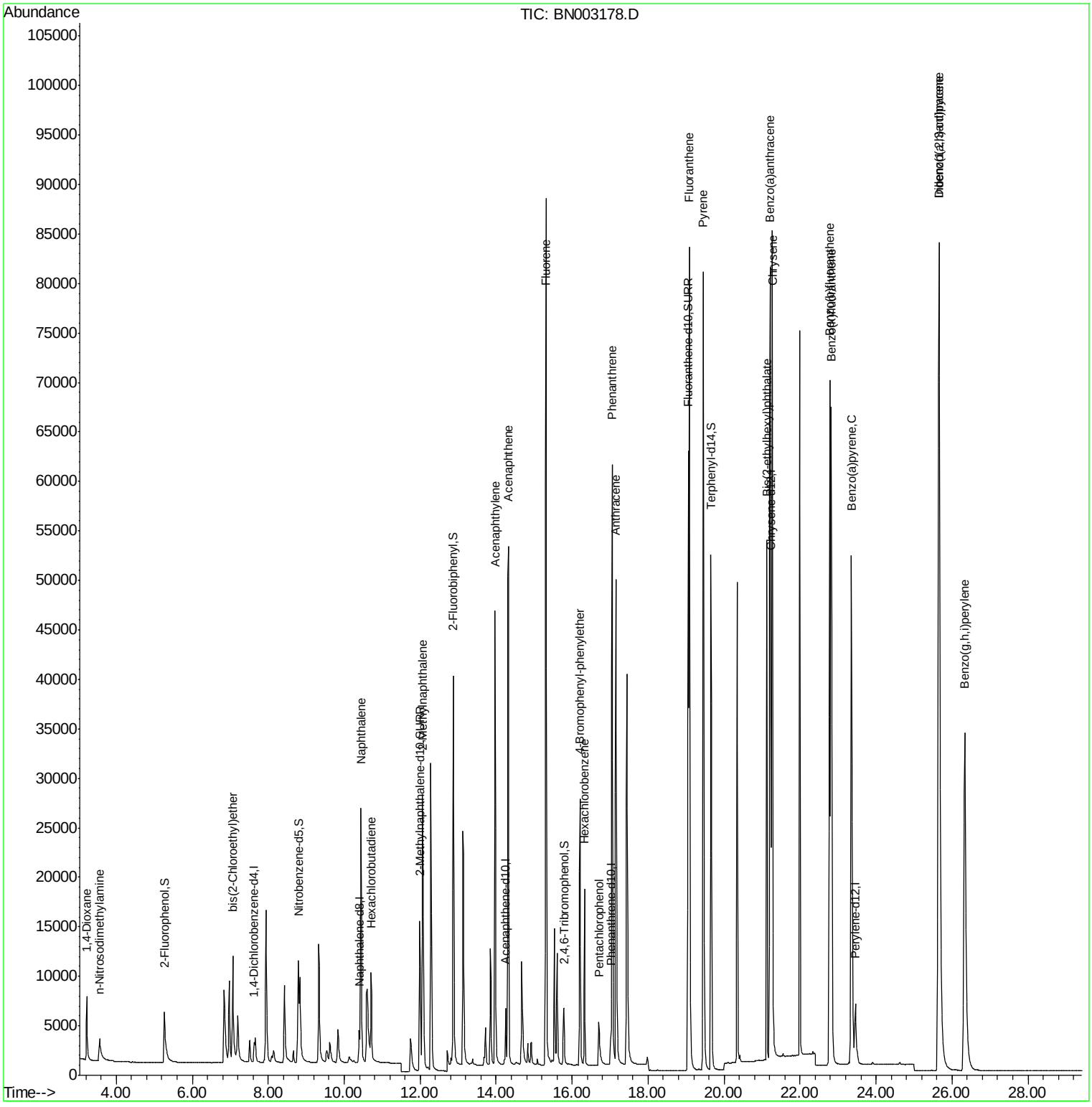
(#) = qualifier out of range (m) = manual integration (+) = signals summed

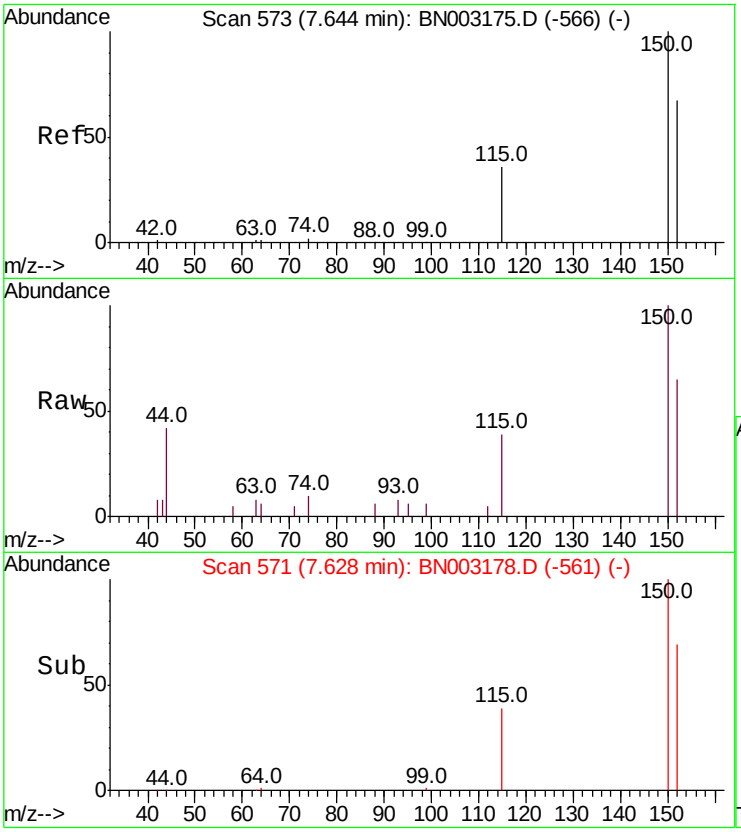
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101718\
Data File : BN003178.D
Acq On : 17 Oct 2018 12:36
Operator : MJ/SJ
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 17 13:08:51 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



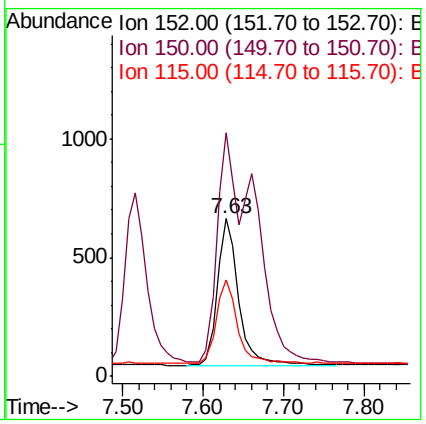


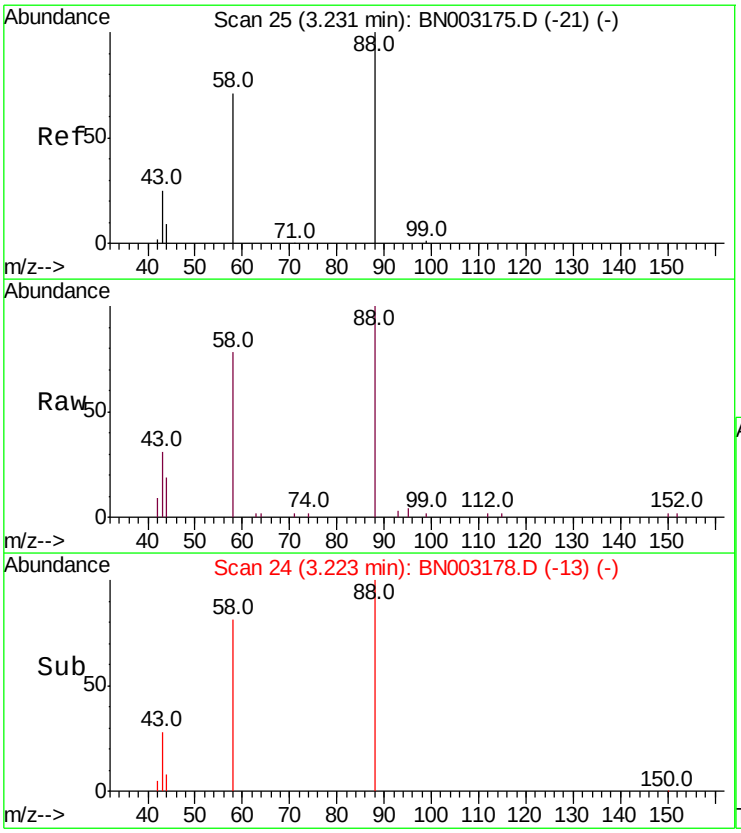
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.63 min Scan# 571
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 1134

Ion	Ratio	Lower	Upper
152	100		
150	154.6	126.2	189.4
115	60.9	49.8	74.6

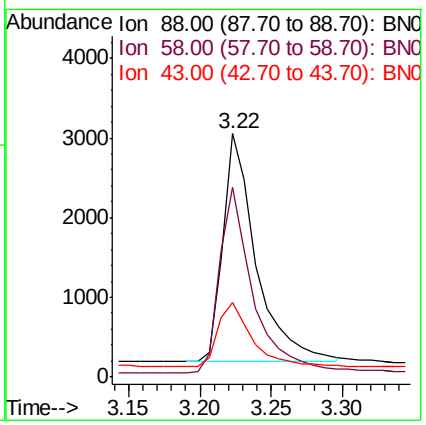


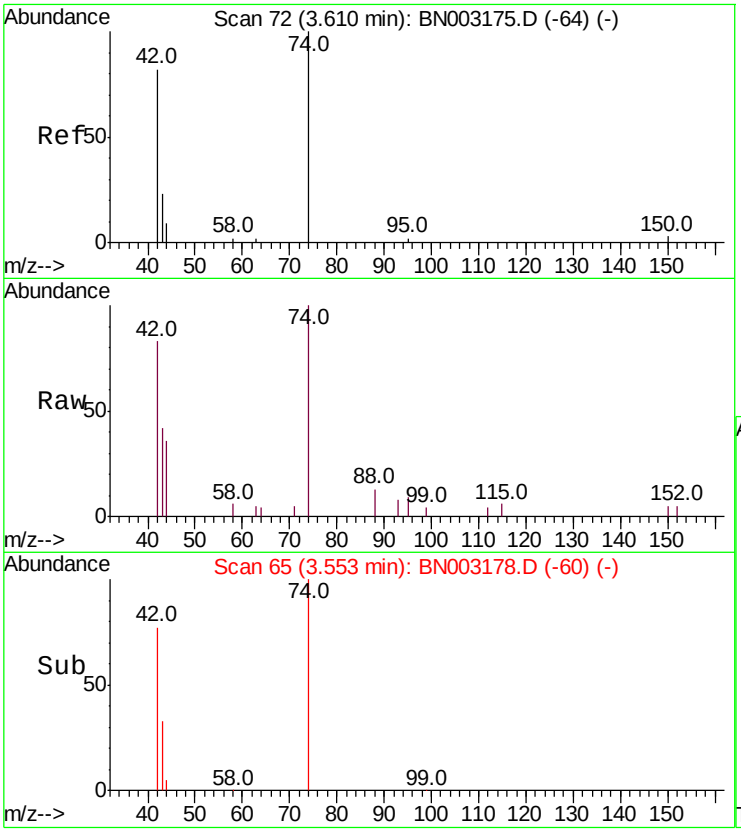


#2
1,4-Dioxane
Concen: 3.653 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion: 88 Resp: 4609

Ion	Ratio	Lower	Upper
88	100		
58	81.0	66.7	100.1
43	28.3	24.6	37.0



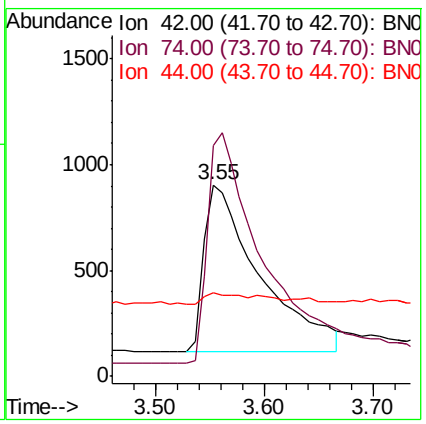


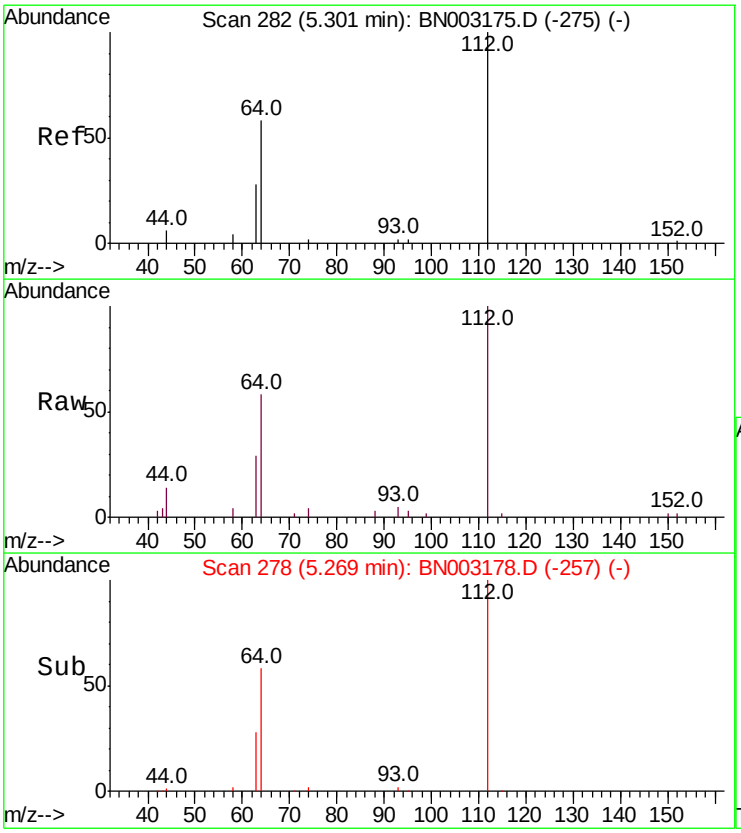
#3
n-Nitrosodimethylamine
Concen: 4.415 ng
RT: 3.55 min Scan# 65
Delta R.T. -0.06 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 42 Resp: 2809

Ion	Ratio	Lower	Upper
42	100		
74	138.0	102.9	154.3
44	4.0	0.0	0.0#

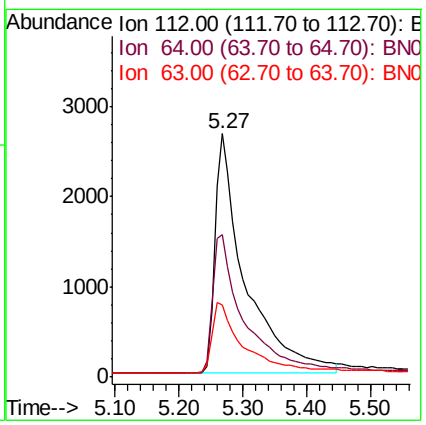


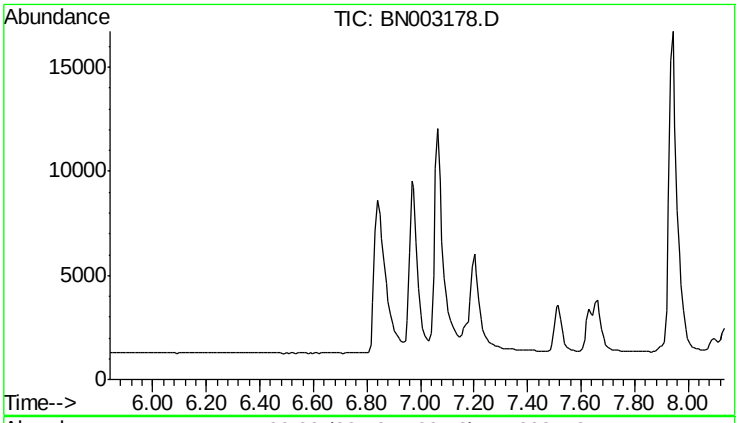


#4
2-Fluorophenol
Concen: 3.118 ng
RT: 5.27 min Scan# 278
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:112 Resp: 8632

Ion	Ratio	Lower	Upper
112	100		
64	60.2	49.0	73.4
63	30.2	25.9	38.9





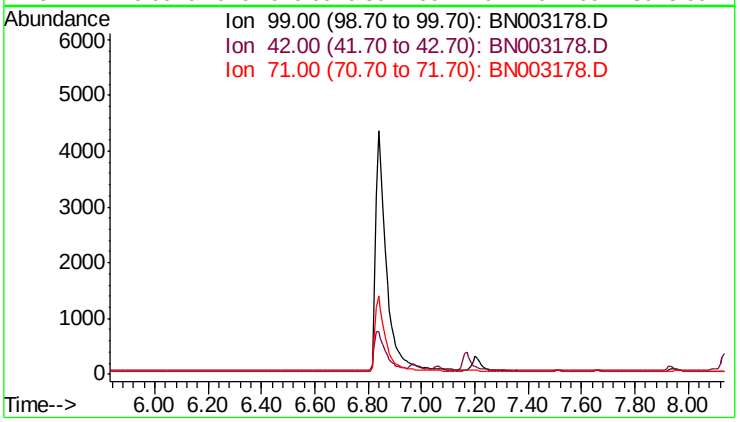
#5
Phenol-d6
Concen: 0.000 ng
Expected RT: 6.94 min

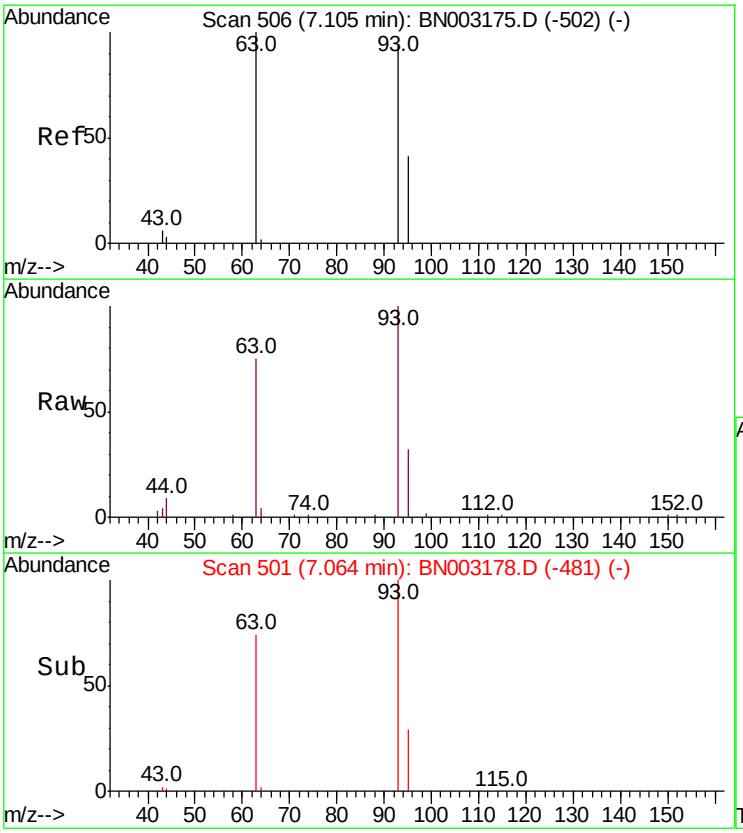
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion: 99

Sig	Exp Ratio
99	100
42	19.3
71	32.5

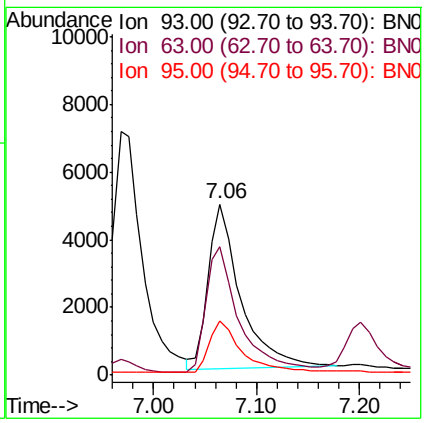


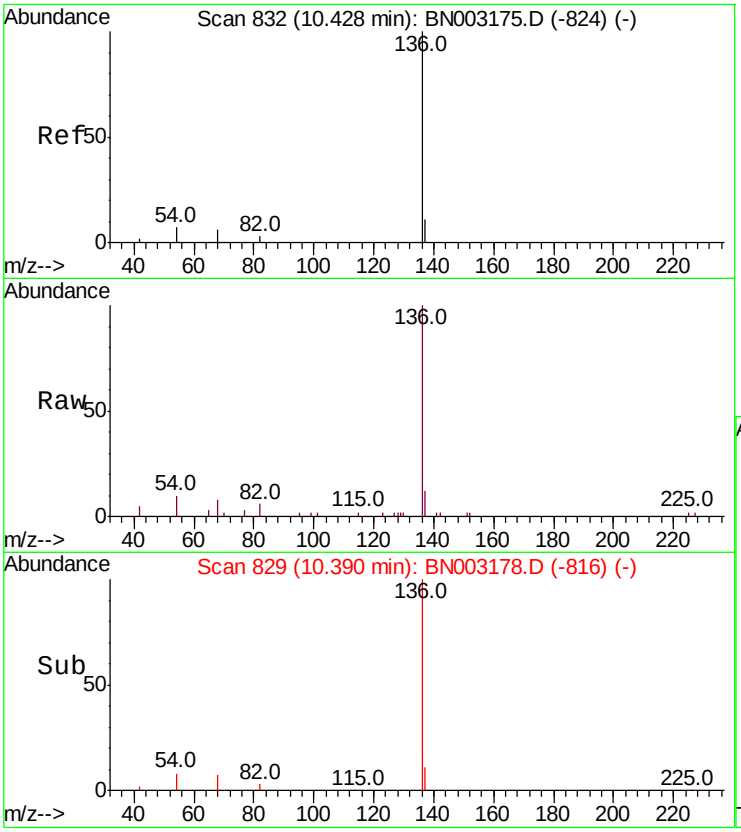


#6
bis(2-Chloroethyl)ether
Concen: 3.377 ng
RT: 7.06 min Scan# 501
Delta R.T. -0.04 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion: 93 Resp: 10603

Ion	Ratio	Lower	Upper
93	100		
63	78.9	54.2	81.4
95	34.7	24.9	37.3



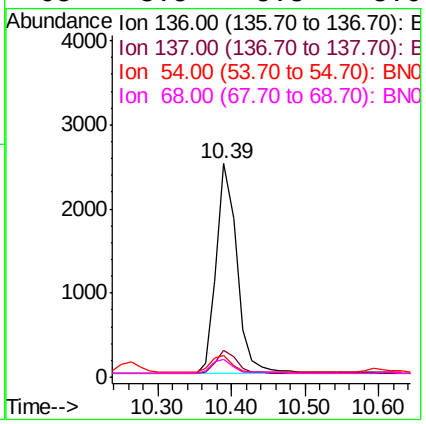


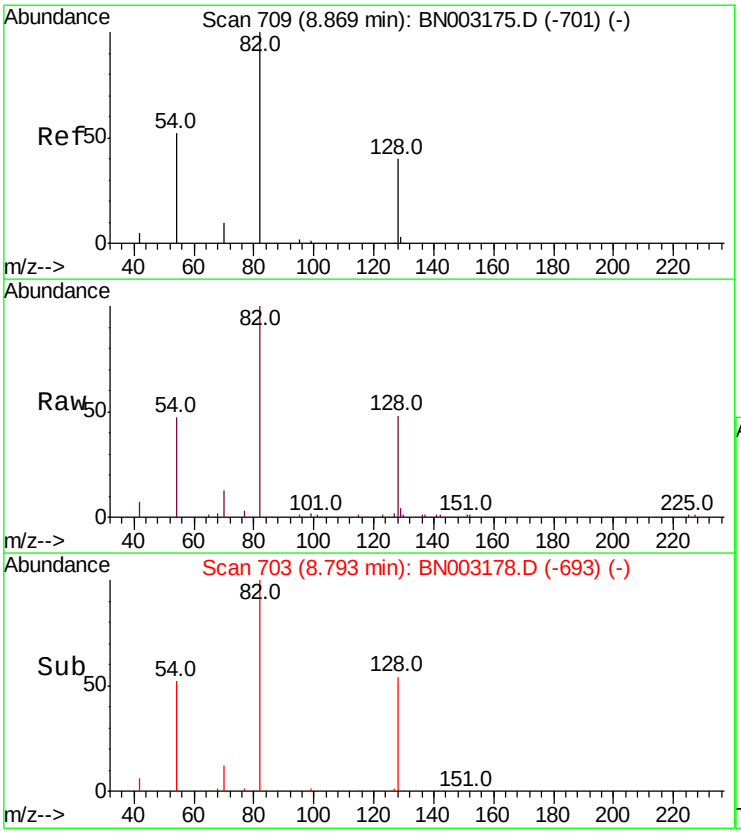
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.04 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:136 Resp: 4892

Ion	Ratio	Lower	Upper
136	100		
137	12.5	9.4	14.0
54	10.2	7.4	11.0
68	8.5	5.8	8.6

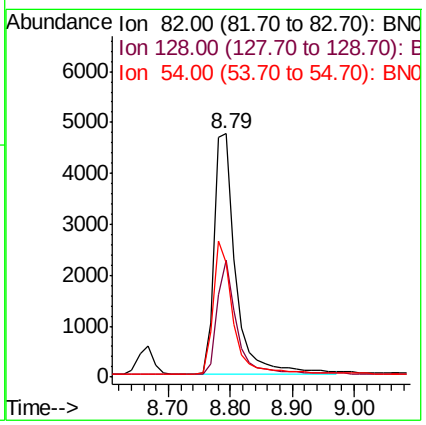


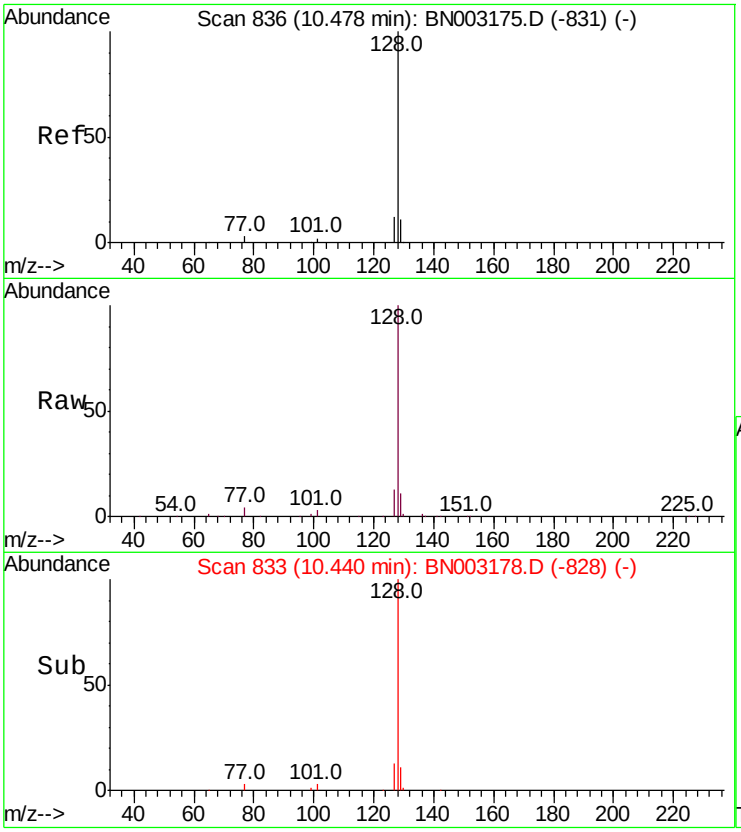


#8
Nitrobenzene-d5
Concen: 3.883 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.08 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion: 82 Resp: 11700

Ion	Ratio	Lower	Upper
82	100		
128	48.0	38.2	57.4
54	46.9	44.1	66.1



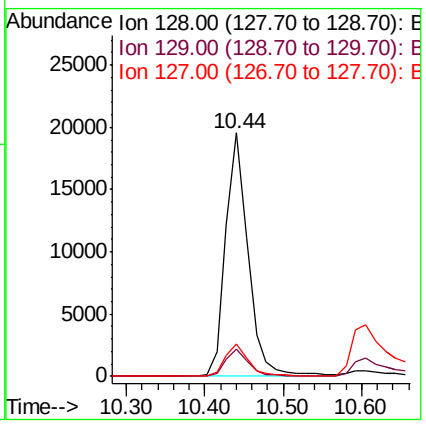


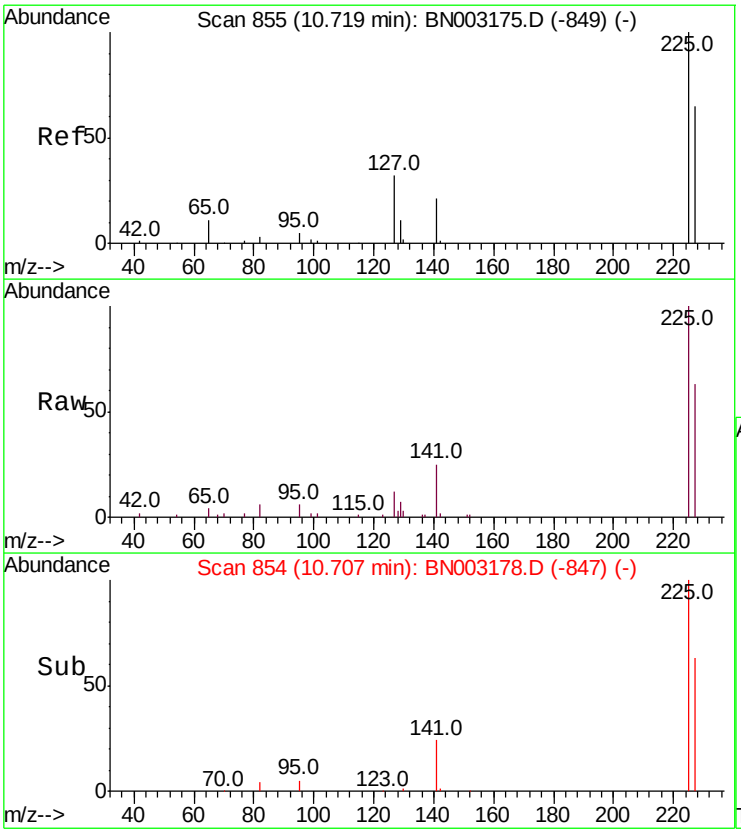
#9
Naphthalene
Concen: 3.456 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.04 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:128 Resp: 38511

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	13.2	11.4	17.2

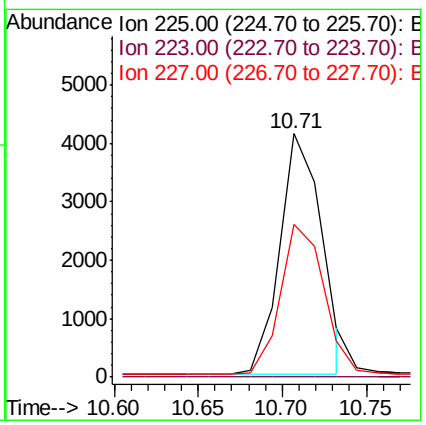


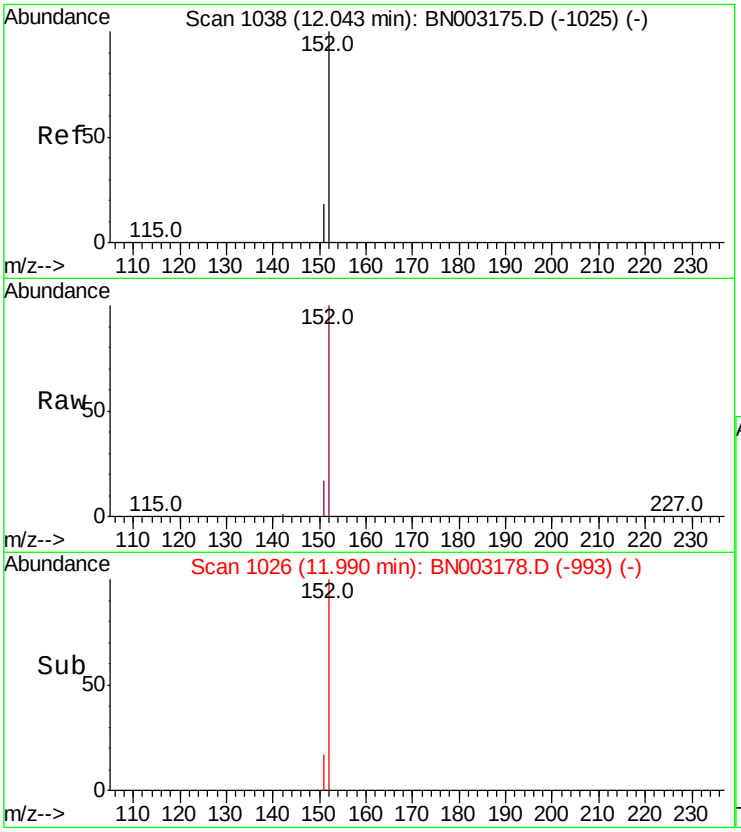


#10
Hexachlorobutadiene
Concen: 3.255 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:225 Resp: 7170

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.8	77.8



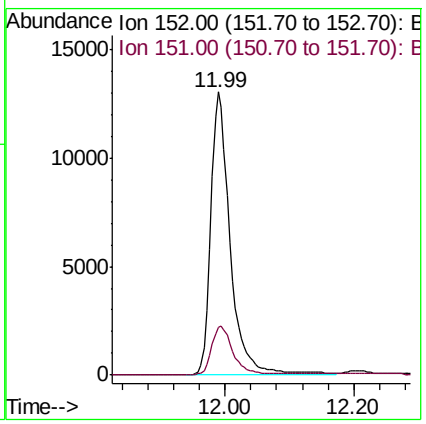


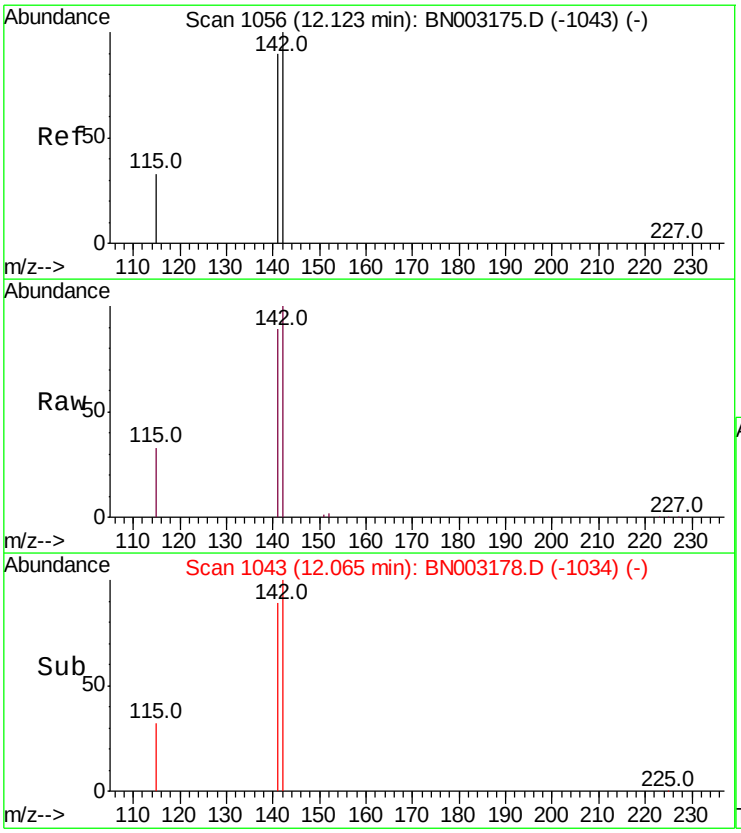
#11
2-Methylnaphthalene-d10
Concen: 3.703 ng
RT: 11.99 min Scan# 1026
Delta R.T. -0.05 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:152 Resp: 26696

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.0	22.4

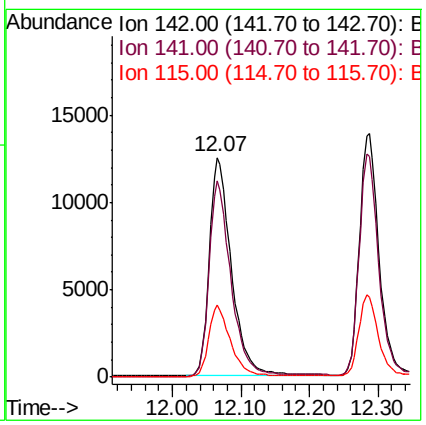


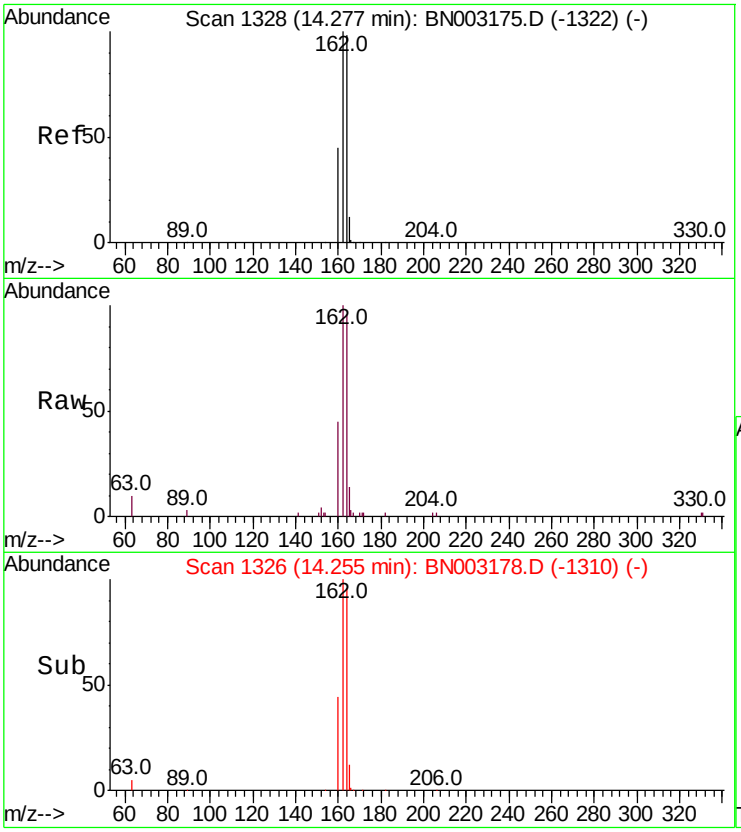


#12
2-Methylnaphthalene
Concen: 3.674 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.06 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:142 Resp: 28033

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.5	107.3
115	32.6	28.1	42.1



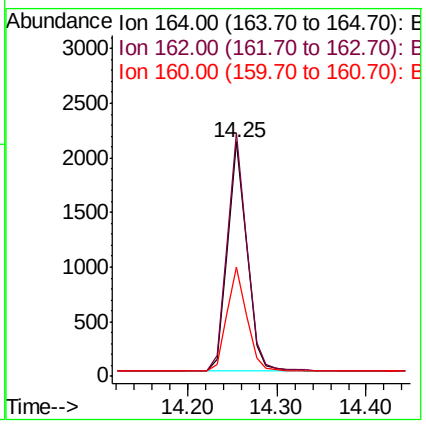


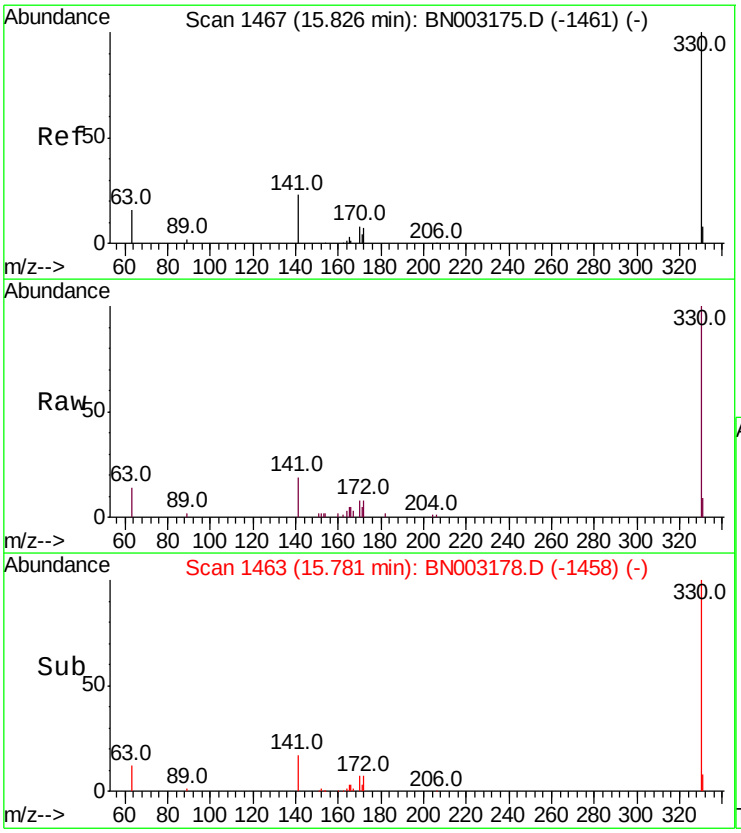
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.25 min Scan# 1326
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:164 Resp: 3173

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.7	122.5
160	46.6	36.3	54.5

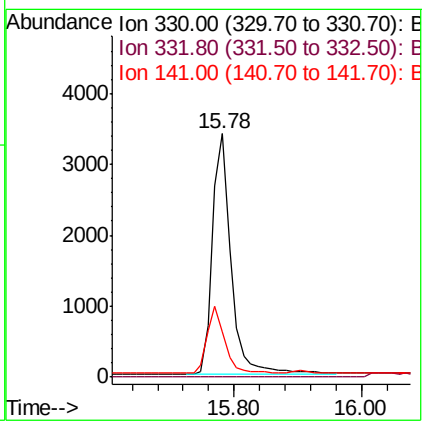


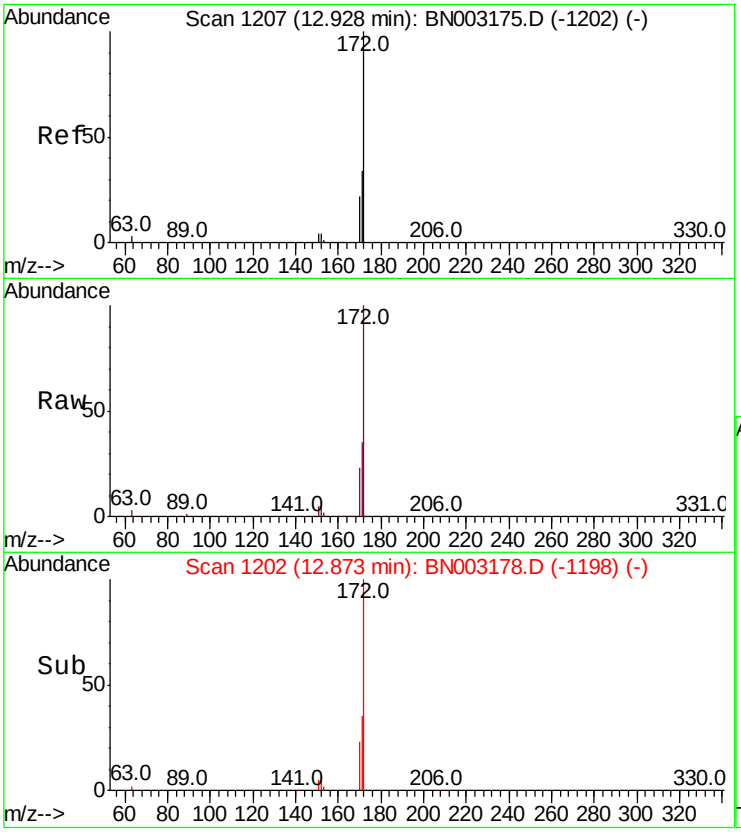


#14
2,4,6-Tribromophenol
Concen: 4.129 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.04 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:330 Resp: 6751

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.6	22.6	33.8



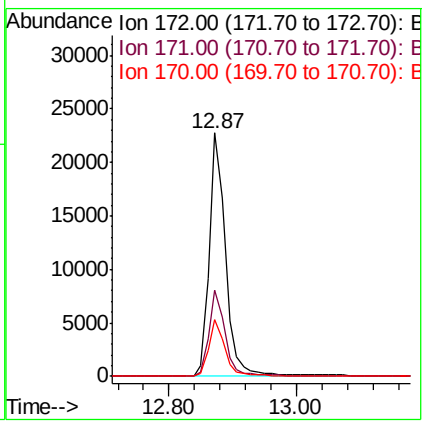


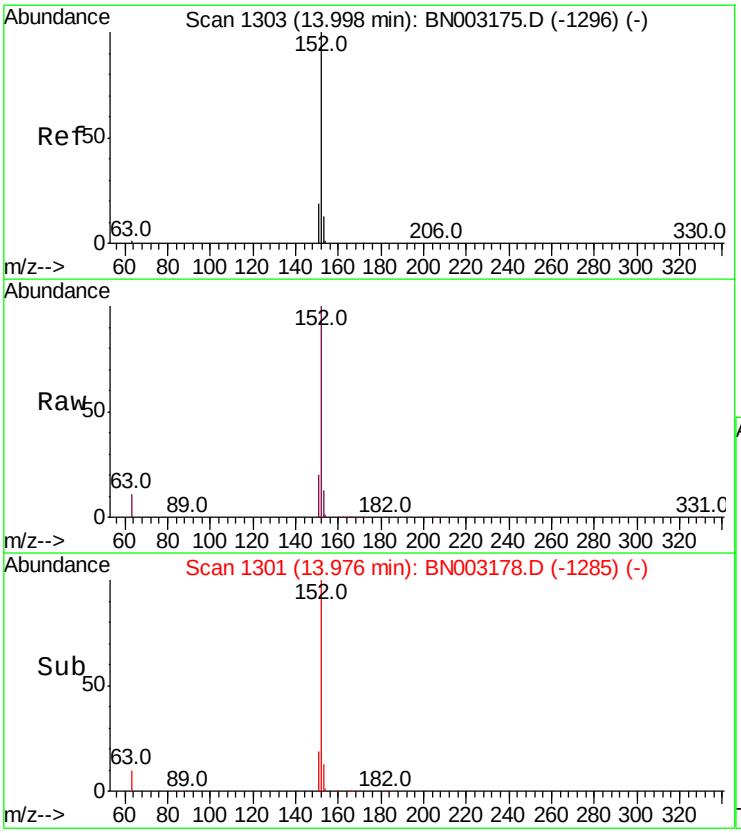
#15
2-Fluorobiphenyl
Concen: 3.443 ng
RT: 12.87 min Scan# 1202
Delta R.T. -0.06 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:172 Resp: 39669

Ion	Ratio	Lower	Upper
172	100		
171	35.2	28.6	43.0
170	23.4	18.6	27.8

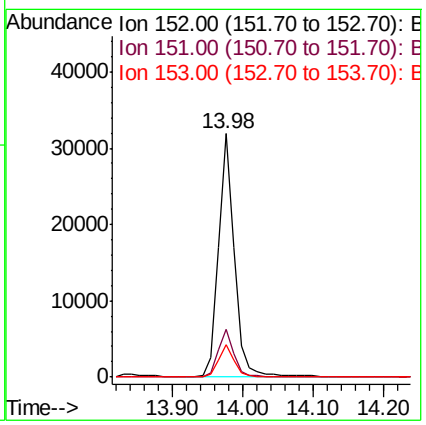


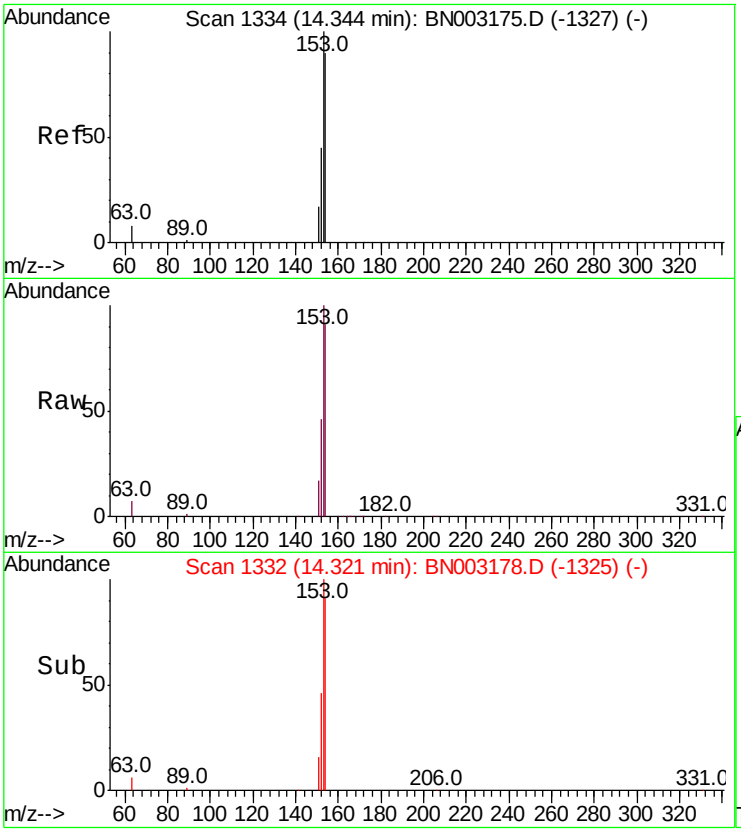


#16
Acenaphthylene
Concen: 3.843 ng
RT: 13.98 min Scan# 1301
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:152 Resp: 50457

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	13.0	10.6	16.0



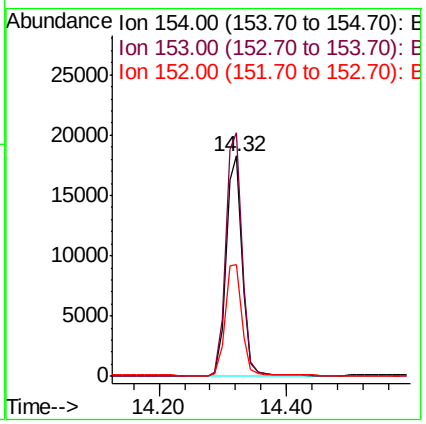


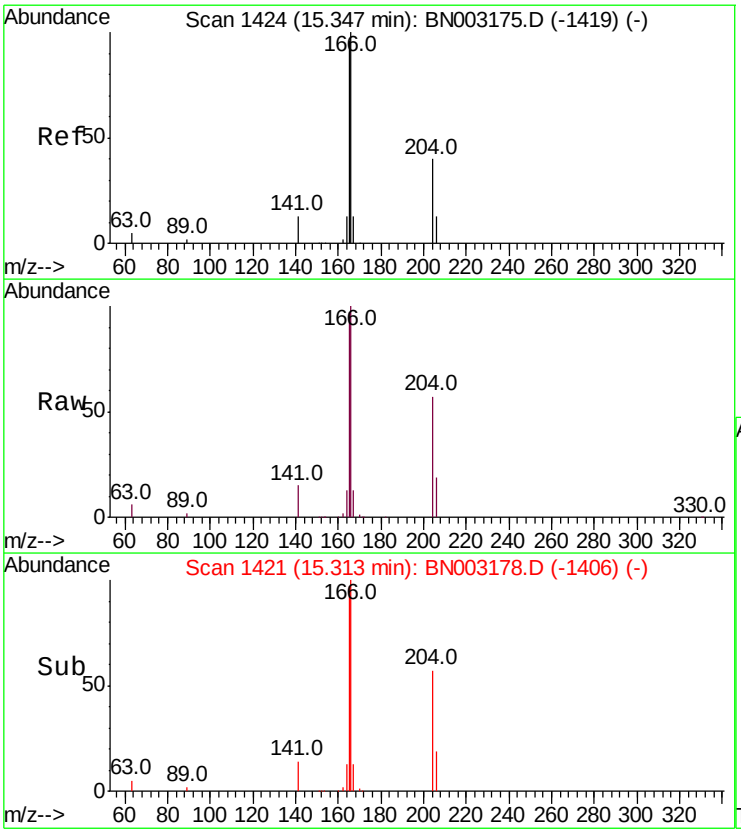
#17
Acenaphthene
Concen: 3.586 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:154 Resp: 31580

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.0	136.4
152	52.9	43.8	65.6

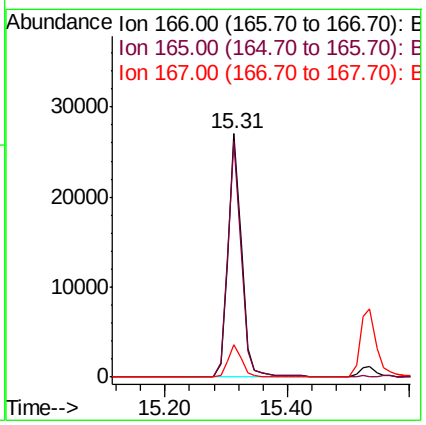


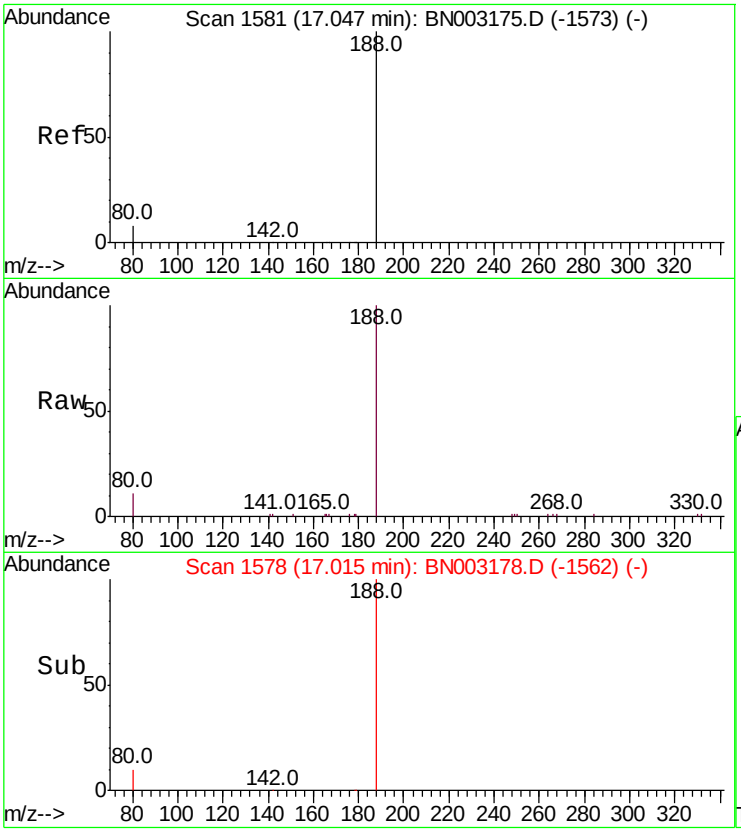


#18
Fluorene
Concen: 3.705 ng
RT: 15.31 min Scan# 1421
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:166 Resp: 40818

Ion	Ratio	Lower	Upper
166	100		
165	97.1	78.2	117.2
167	13.4	10.7	16.1



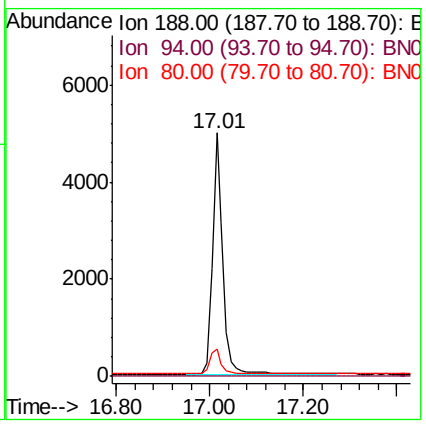


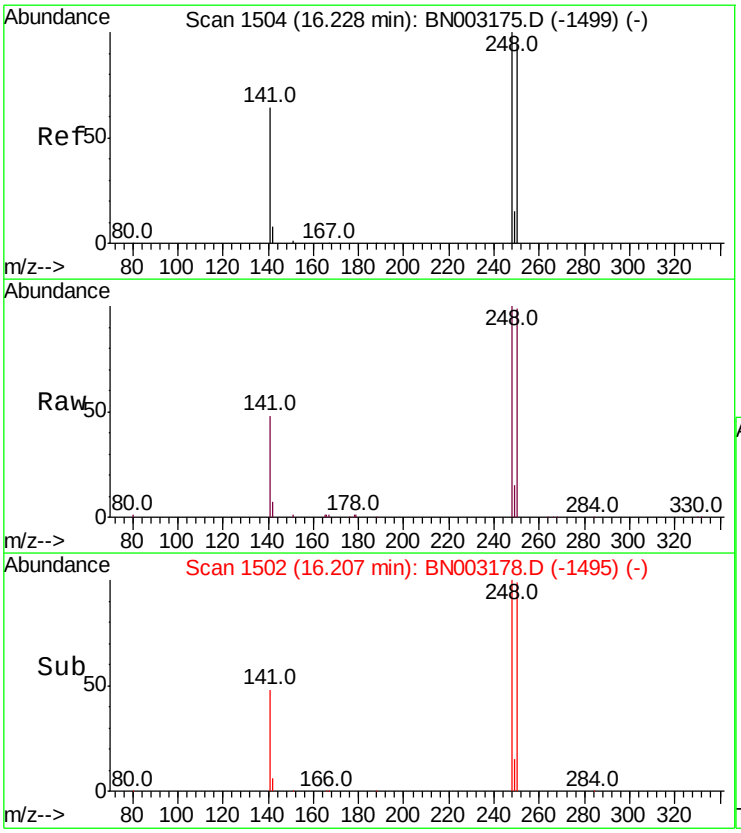
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.01 min Scan# 1578
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:188 Resp: 7743

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.2	6.7	10.1#

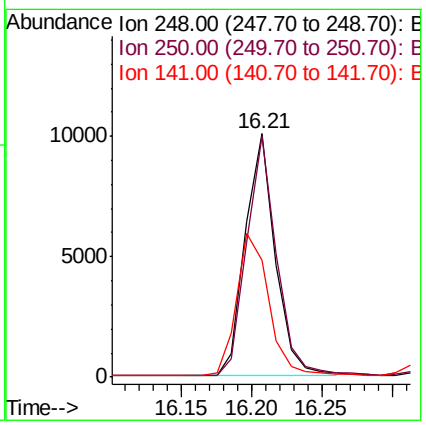


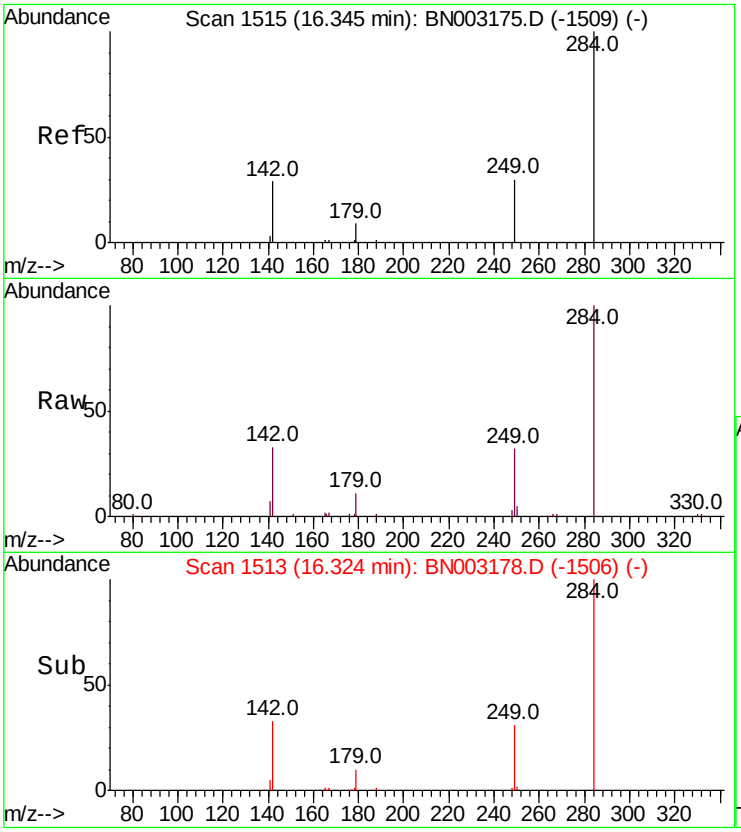


#20
4-Bromophenyl-phenylether
Concen: 3.593 ng
RT: 16.21 min Scan# 1502
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:248 Resp: 15175

Ion	Ratio	Lower	Upper
248	100		
250	98.8	78.9	118.3
141	47.9	48.5	72.7#



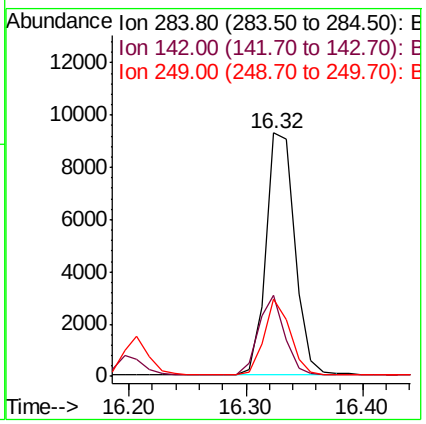


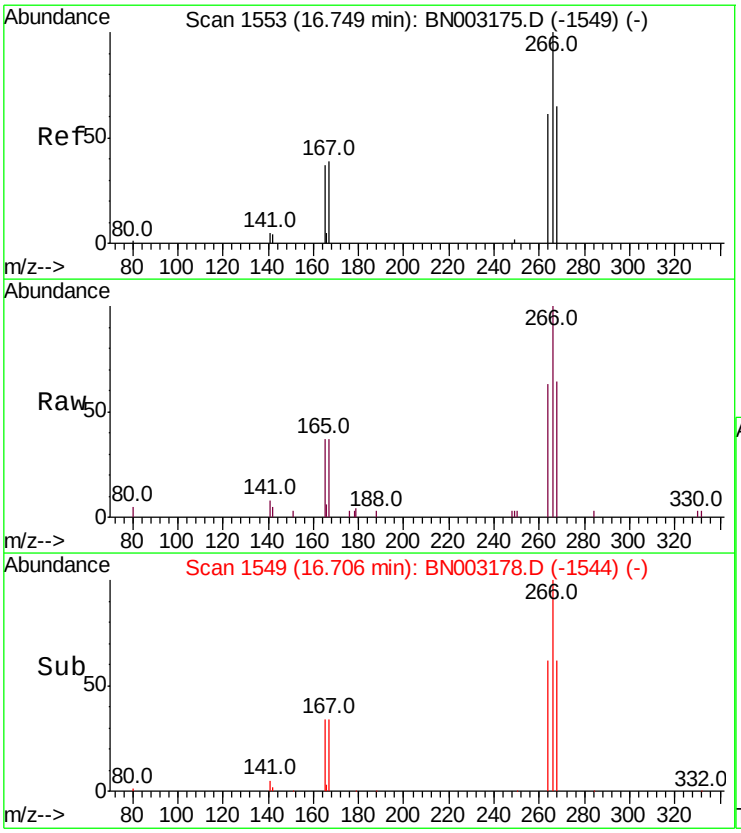
#21
Hexachlorobenzene
Concen: 3.512 ng
RT: 16.32 min Scan# 1513
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:284 Resp: 15958

Ion	Ratio	Lower	Upper
284	100		
142	29.9	24.6	37.0
249	28.2	22.3	33.5

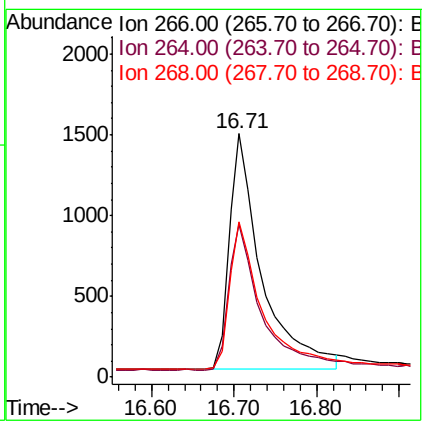


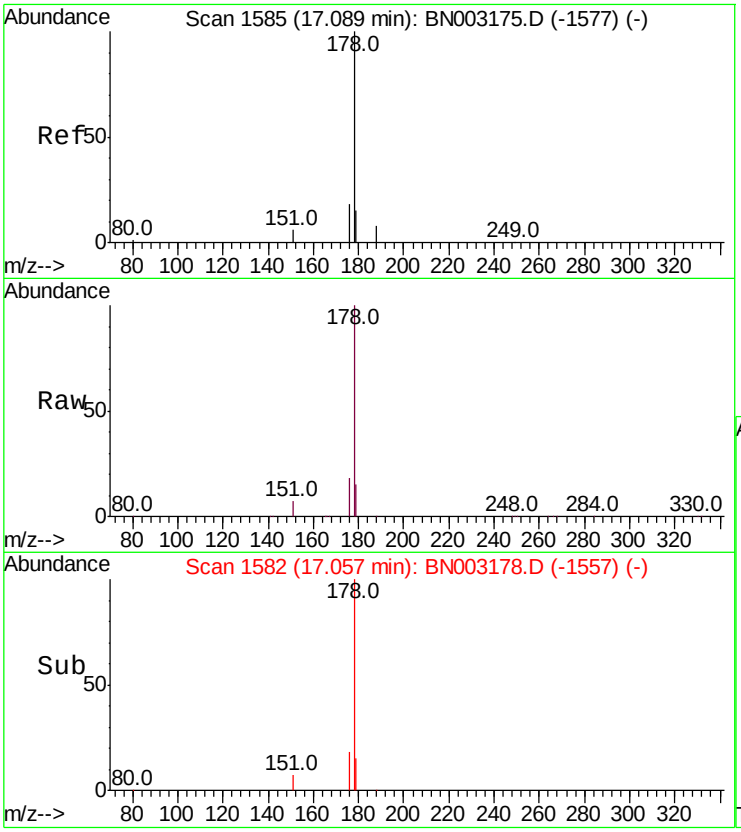


#22
Pentachlorophenol
Concen: 4.206 ng
RT: 16.71 min Scan# 1549
Delta R.T. -0.04 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:266 Resp: 4009

Ion	Ratio	Lower	Upper
266	100		
264	62.7	55.0	82.4
268	63.6	60.6	91.0



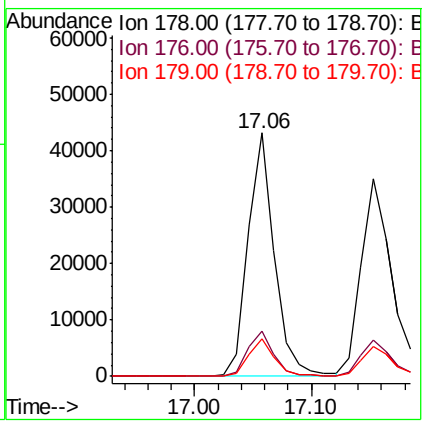


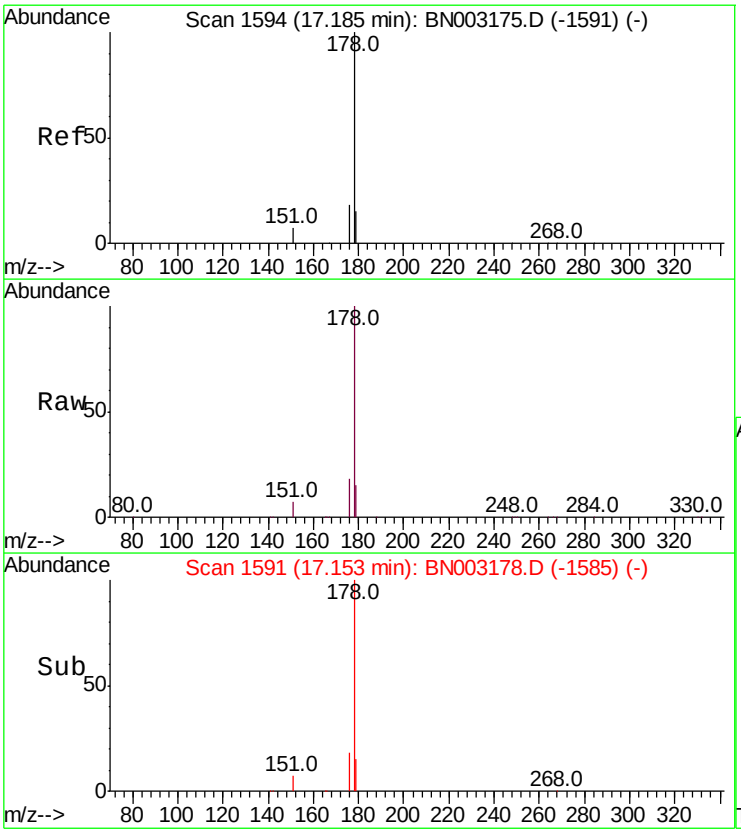
#23
Phenanthrene
Concen: 3.526 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:178 Resp: 67554

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.3	18.5

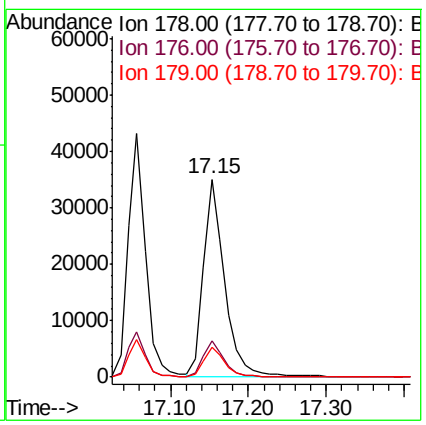


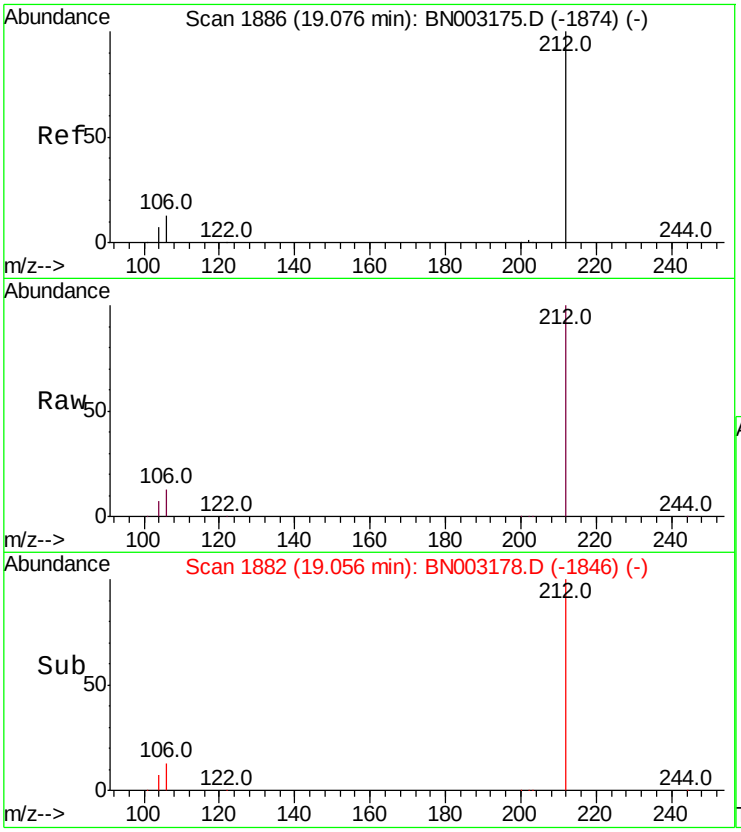


#24
Anthracene
Concen: 3.830 ng
RT: 17.15 min Scan# 1591
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:178 Resp: 64692

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



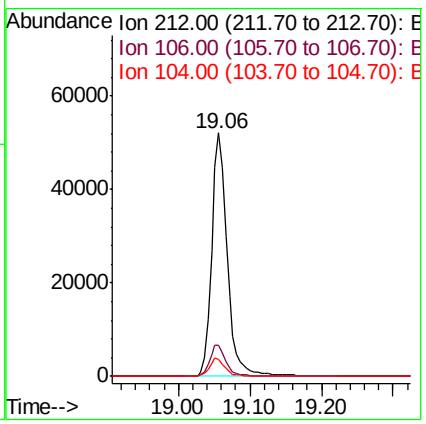


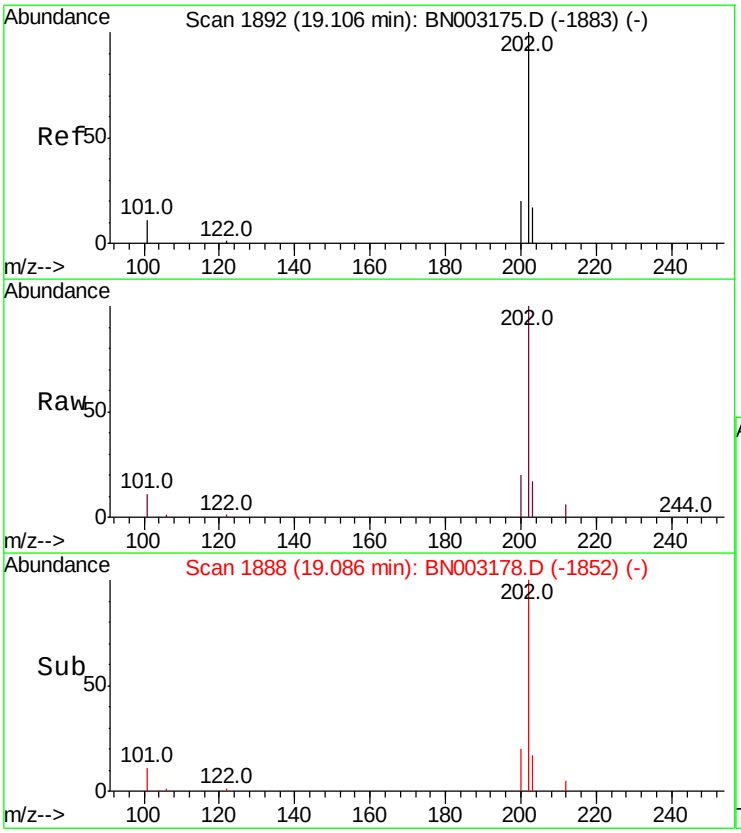
#25
Fluoranthene-d10
Concen: 3.876 ng
RT: 19.06 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:212 Resp: 77680

Ion	Ratio	Lower	Upper
212	100		
106	13.1	10.2	15.4
104	7.3	5.8	8.6

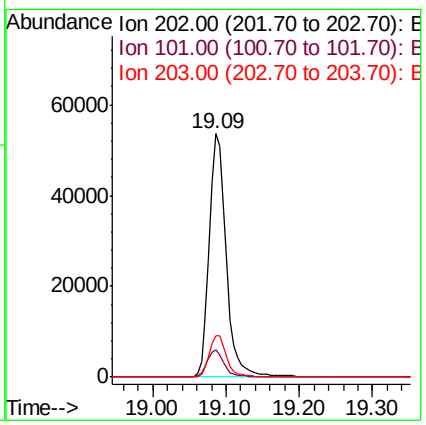


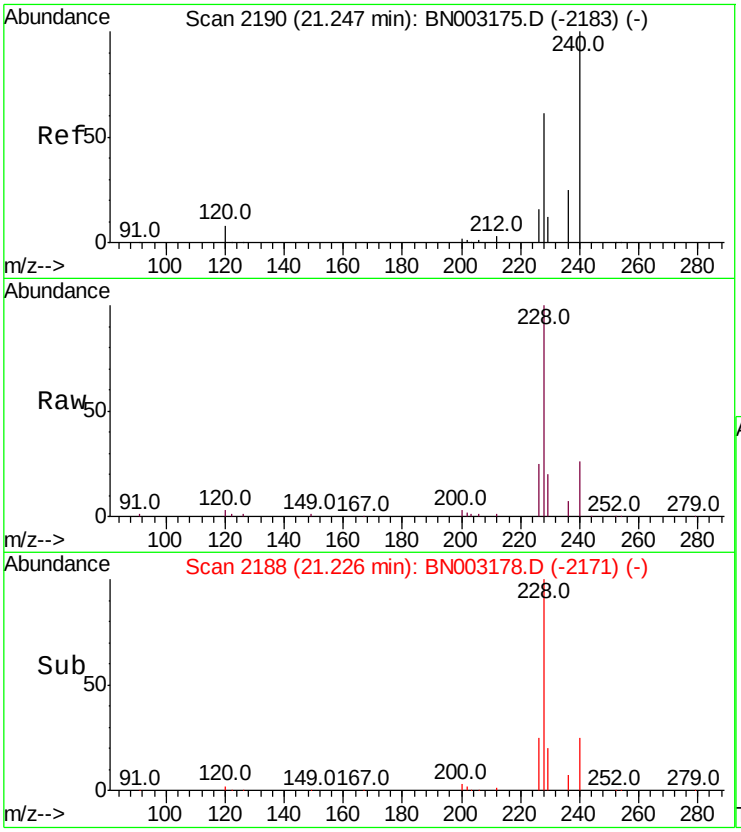


#26
Fluoranthene
Concen: 3.878 ng
RT: 19.09 min Scan# 1888
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:202 Resp: 84231

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	12.8
203	17.3	13.7	20.5



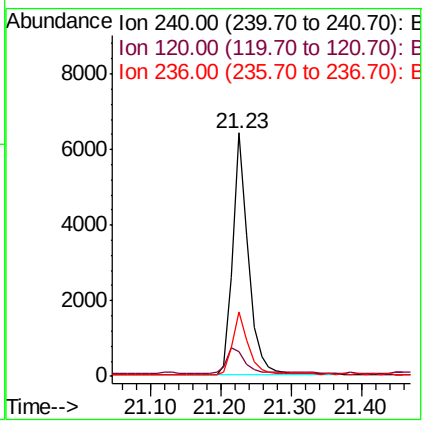


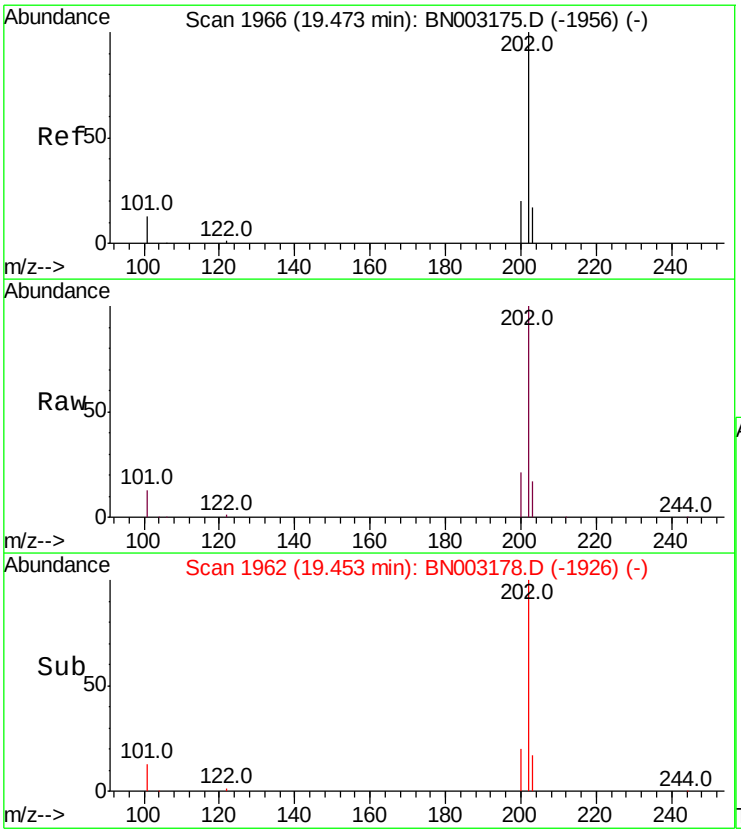
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:240 Resp: 9639

Ion	Ratio	Lower	Upper
240	100		
120	10.0	7.8	11.8
236	26.5	21.0	31.4

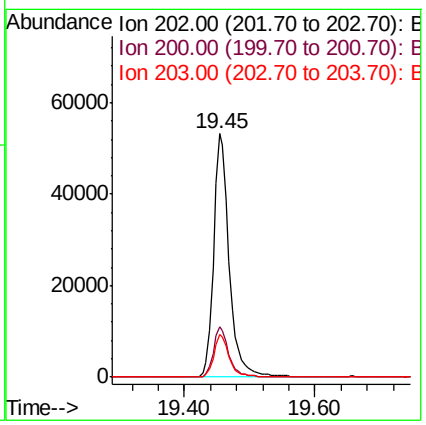


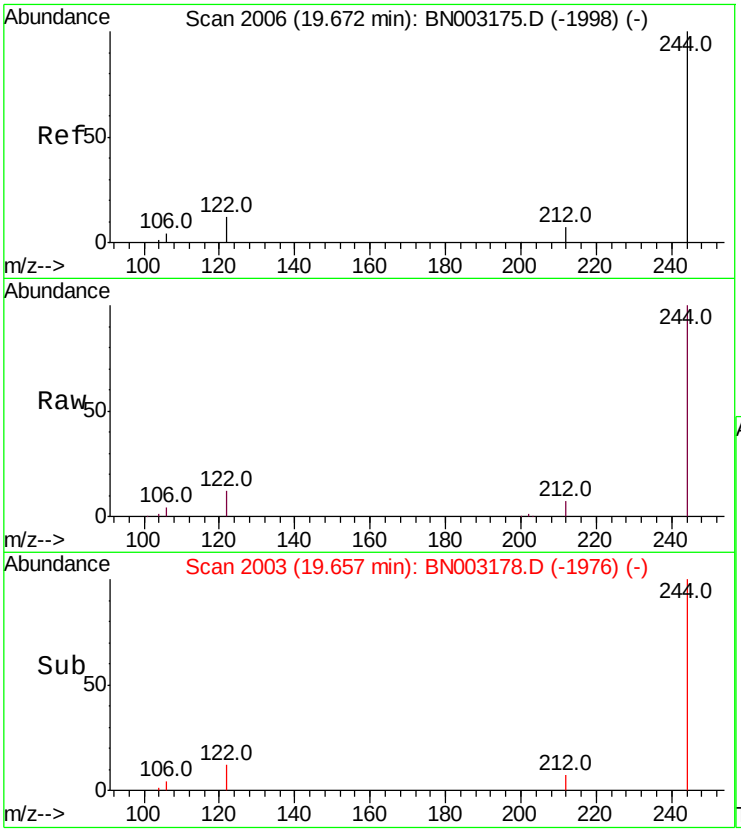


#28
Pyrene
Concen: 3.085 ng
RT: 19.45 min Scan# 1962
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:202 Resp: 87208

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	17.4	14.2	21.2



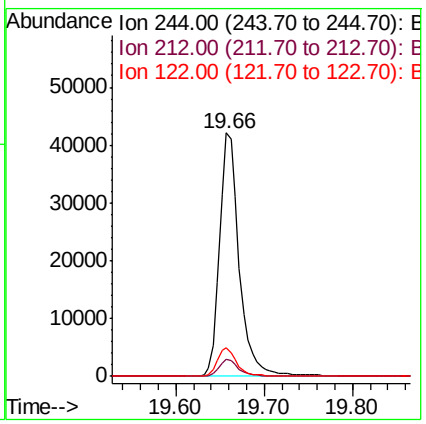


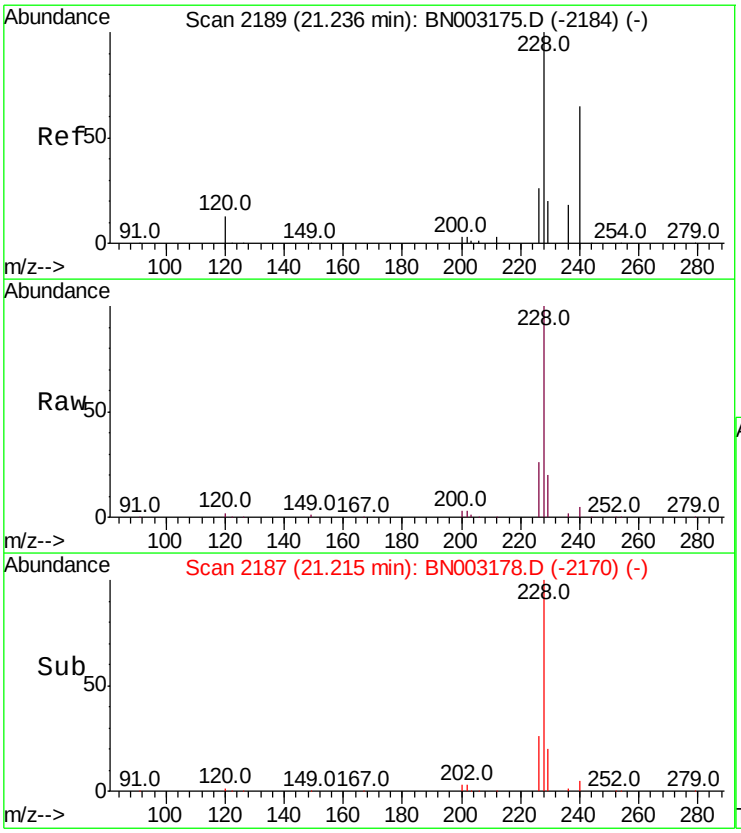
#29
Terphenyl-d14
Concen: 3.044 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:244 Resp: 64807

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.2	9.4
122	11.7	9.1	13.7

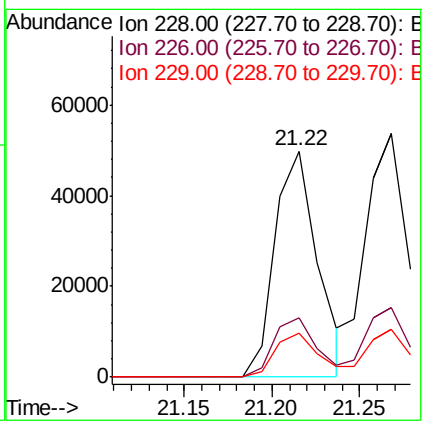


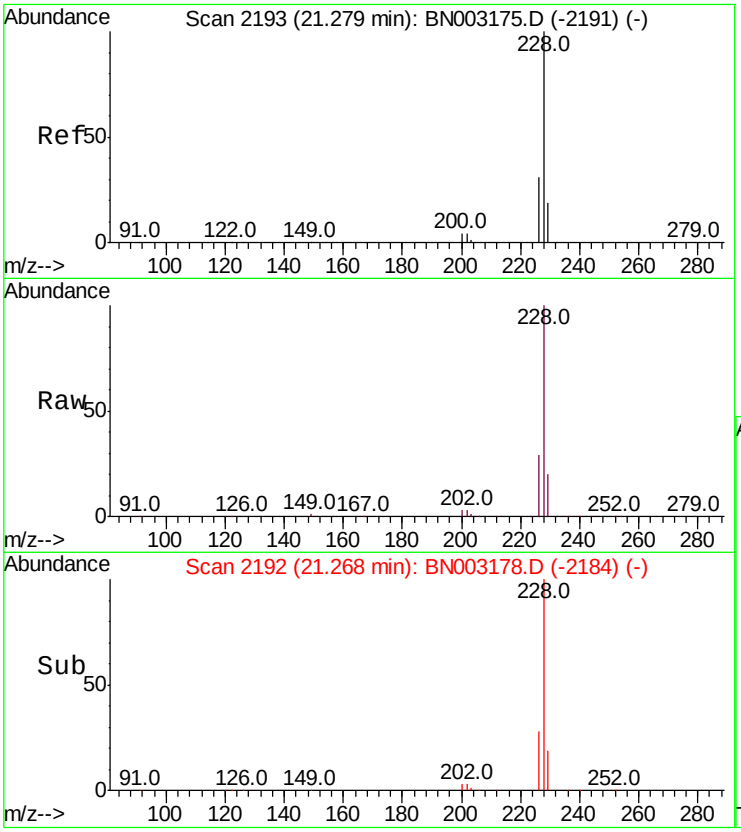


#30
Benzo(a)anthracene
Concen: 3.748 ng
RT: 21.22 min Scan# 2187
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:228 Resp: 84506

Ion	Ratio	Lower	Upper
228	100		
226	26.0	21.4	32.2
229	19.7	16.4	24.6



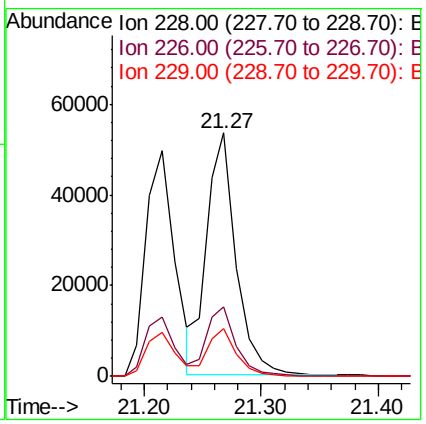


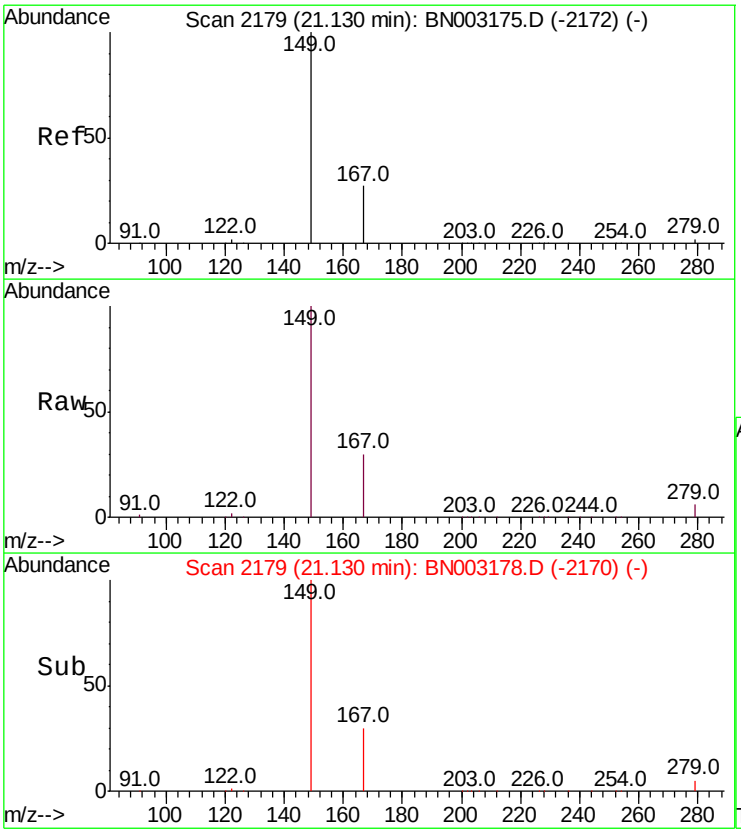
#31
Chrysene
Concen: 3.330 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:228 Resp: 93687

Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.1	34.7
229	19.5	15.9	23.9

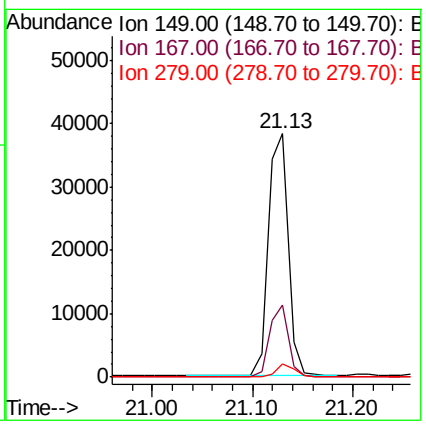


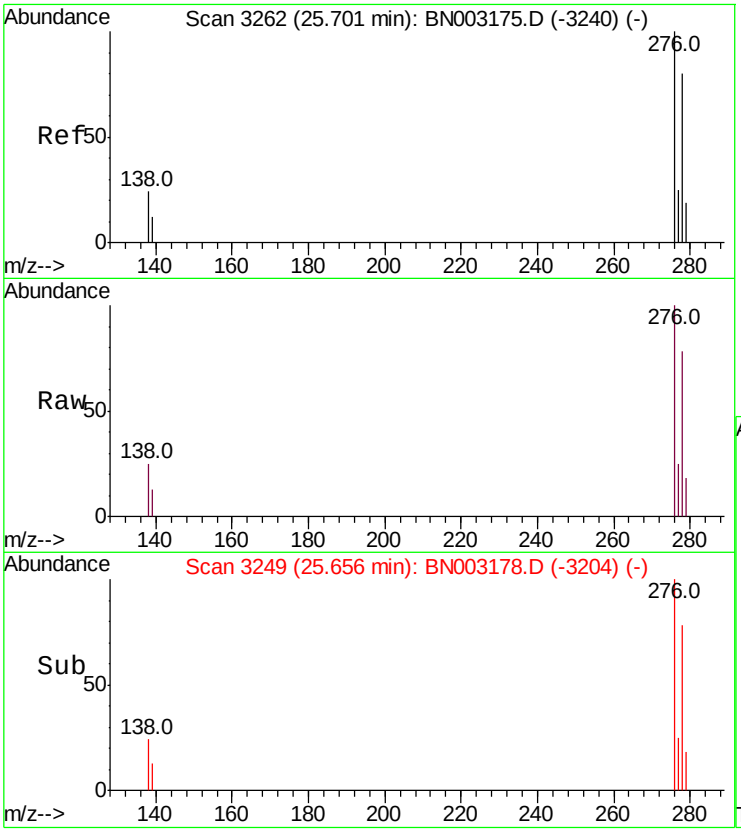


#32
Bis(2-ethylhexyl)phthalate
Concen: 3.455 ng
RT: 21.13 min Scan# 2179
Delta R.T. -0.00 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:149 Resp: 52285

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.2	33.4
279	4.8	3.7	5.5



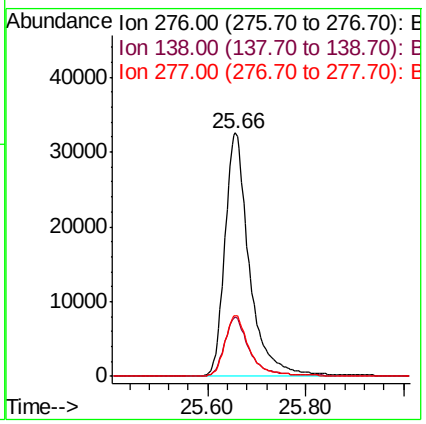


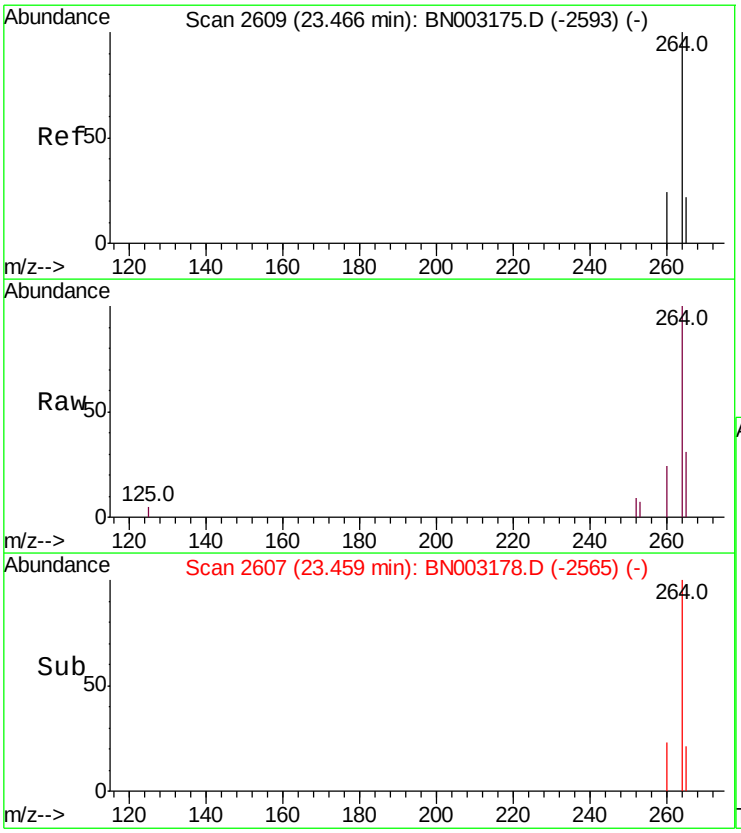
#33
Indeno(1,2,3-cd)pyrene
Concen: 4.709 ng
RT: 25.66 min Scan# 3249
Delta R.T. -0.04 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 112416

Ion	Ratio	Lower	Upper
276	100		
138	24.4	18.2	27.4
277	25.0	20.2	30.4

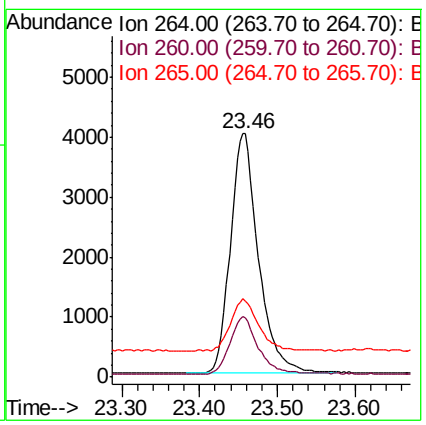


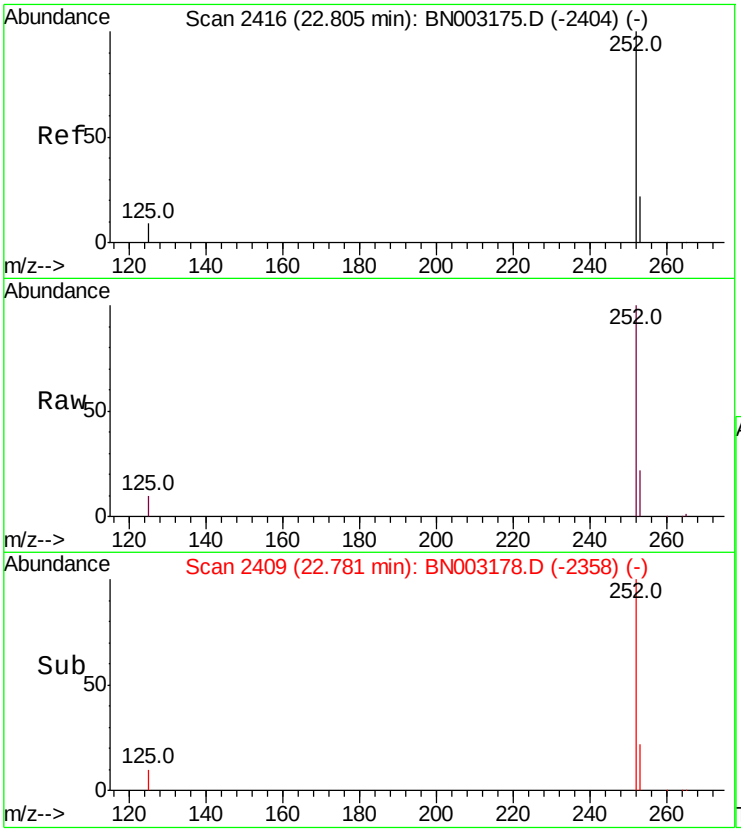


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2607
Delta R.T. -0.01 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:264 Resp: 10049

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.7	29.5
265	31.2	27.6	41.4



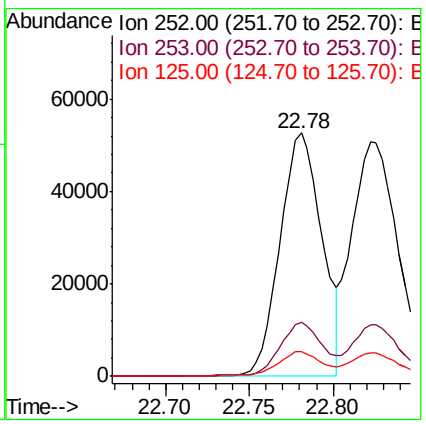


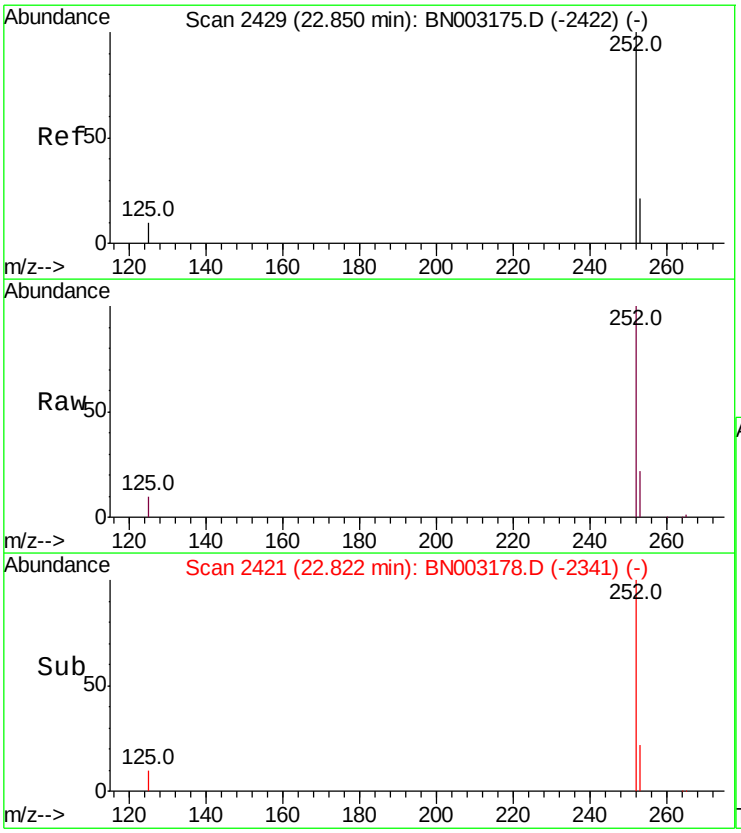
#35
Benzo(b)fluoranthene
Concen: 3.235 ng
RT: 22.78 min Scan# 2409
Delta R.T. -0.02 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 90840

Ion	Ratio	Lower	Upper
252	100		
253	22.2	20.8	31.2
125	10.0	9.6	14.4

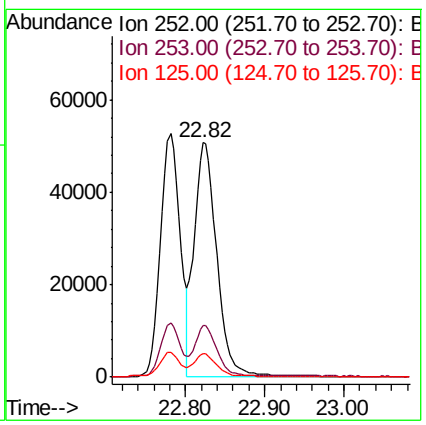


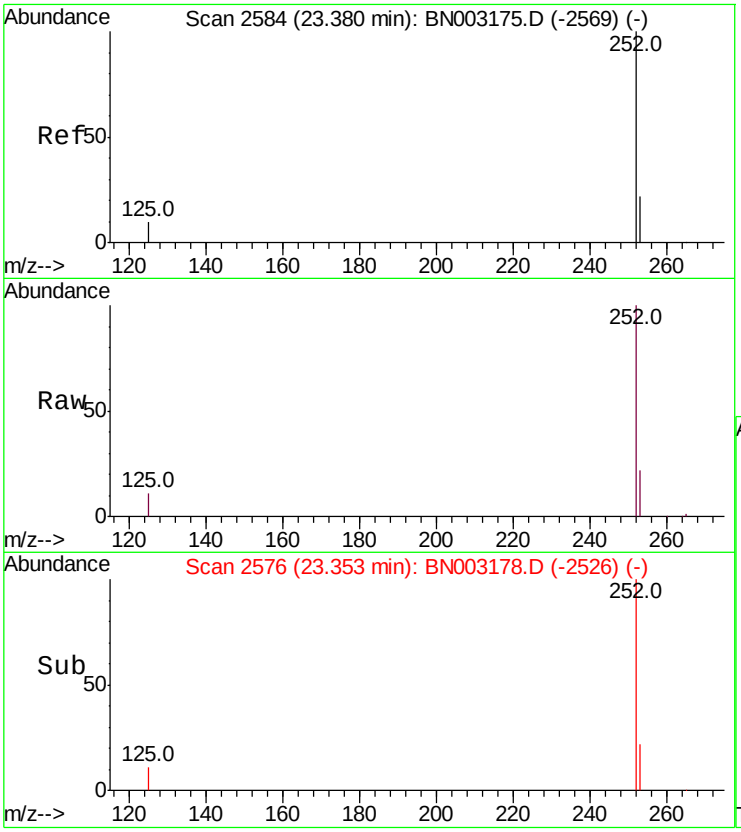


#36
Benzo(k)fluoranthene
Concen: 3.261 ng
RT: 22.82 min Scan# 2421
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:252 Resp: 100153

Ion	Ratio	Lower	Upper
252	100		
253	22.1	20.5	30.7
125	10.2	9.4	14.0



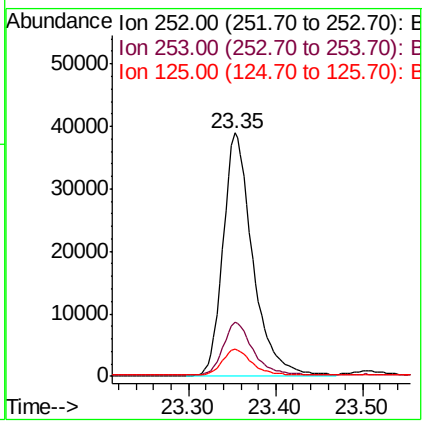


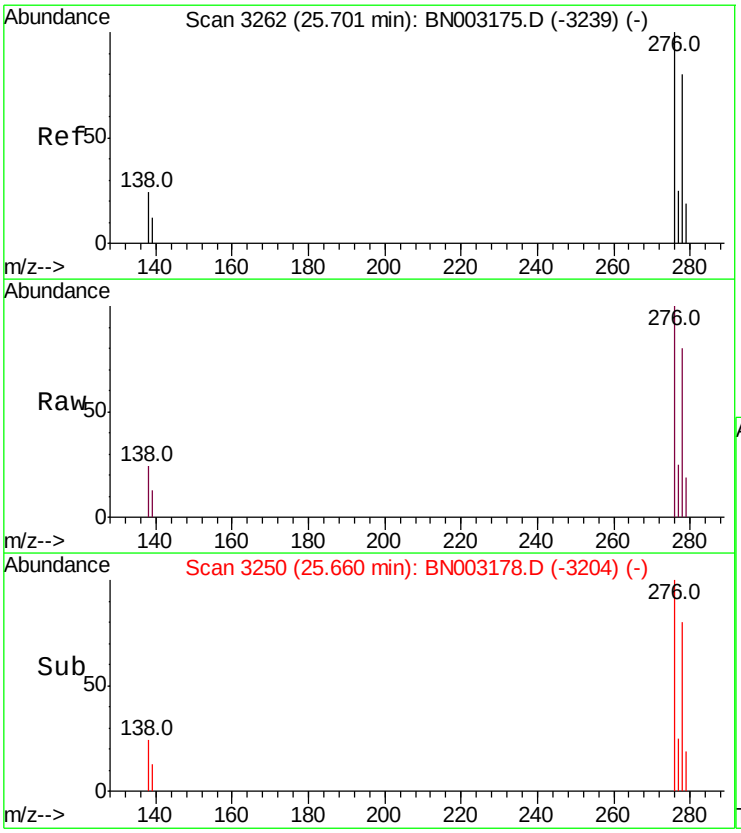
#37
Benzo(a)pyrene
Concen: 3.484 ng
RT: 23.35 min Scan# 2576
Delta R.T. -0.03 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:252 Resp: 90869

Ion	Ratio	Lower	Upper
252	100		
253	22.3	22.4	33.6#
125	11.1	11.4	17.0#

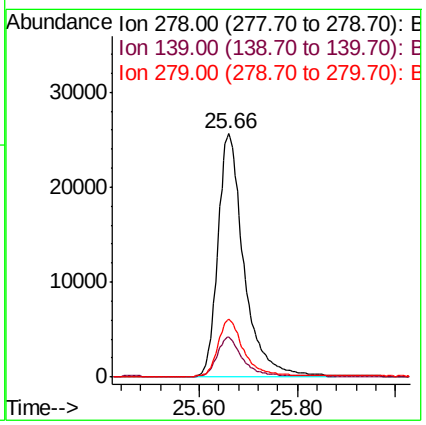


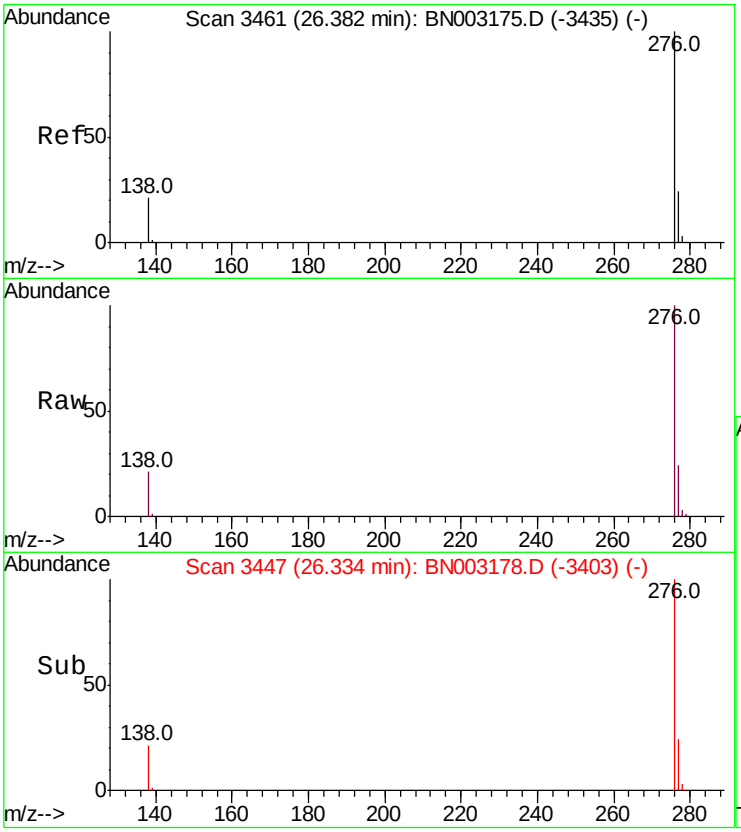


#38
Dibenzo(a,h)anthracene
Concen: 3.973 ng
RT: 25.66 min Scan# 3250
Delta R.T. -0.04 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Tgt Ion:278 Resp: 94166

Ion	Ratio	Lower	Upper
278	100		
139	16.2	14.6	21.8
279	23.7	23.1	34.7





#39
Benzo(g,h,i)perylene
Concen: 3.855 ng
RT: 26.33 min Scan# 3447
Delta R.T. -0.05 min
Lab File: BN003178.D
Acq: 17 Oct 2018 12:36

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Tgt Ion:276 Resp: 93549

Ion	Ratio	Lower	Upper
276	100		
277	23.8	21.0	31.4
138	20.8	18.1	27.1