Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101718\
Data File : BN003183.D
Acq On : 17 Oct 2018 17:07
Operator : MJ/SJ
Sample : PB113776BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB113776BSD

Quant Time: Oct 18 15:37:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	650	0.40	ng		0.03
7) Naphthalene-d8	10.48	136	3053	0.40	ng		0.05
13) Acenaphthene-d10	14.30	164	2081	0.40	ng		0.02
19) Phenanthrene-d10	17.07	188	5883	0.40	ng		0.02
27) Chrysene-d12	21.26	240	7922	0.40	ng		0.01
34) Perylene-d12	23.49	264	8751	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.38	112	175	0.12	ng		0.08
5) Phenol-d6	7.06	99	168	0.08	ng		0.12
8) Nitrobenzene-d5	8.98	82	302	0.15	ng		0.12
11) 2-Methylnaphthalene-d10	12.11	152	1533	0.30	ng		0.07
14) 2,4,6-Tribromophenol	15.87	330	274	0.21	ng		0.04
15) 2-Fluorobiphenyl	12.97	172	1781	0.22	ng		0.04
25) Fluoranthene-d10	19.10	212	4242	0.23	ng		0.02
29) Terphenyl-d14	19.70	244	3154	0.18	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.22	88	411	0.441	ng	#	26
3) n-Nitrosodimethylamine	3.59	42	29	0.205	ng	#	26
6) bis(2-Chloroethyl)ether	7.10	93	57	0.033	ng	#	27
9) Naphthalene	10.53	128	1845	0.243	ng	#	77
10) Hexachlorobutadiene	10.73	225	318	0.214	ng	#	98
12) 2-Methylnaphthalene	12.19	142	1206	0.232	ng	#	94
16) Acenaphthylene	14.04	152	2120	0.224	ng		98
17) Acenaphthene	14.37	154	1421	0.226	ng		98
18) Fluorene	15.39	166	1950	0.238	ng		98
20) 4-Bromophenyl-phenylether	16.27	248	562	0.171	ng		97
21) Hexachlorobenzene	16.38	284	705	0.194	ng		98
22) Pentachlorophenol	16.79	266	131	0.241	ng	#	79
23) Phenanthrene	17.11	178	3494	0.227	ng		100
24) Anthracene	17.23	178	3049	0.216	ng		100
26) Fluoranthene	19.13	202	4861	0.246	ng		99
28) Pyrene	19.49	202	4995	0.225	ng		99
30) Benzo(a)anthracene	21.26	228	4935	0.232	ng		97
31) Chrysene	21.30	228	5800	0.238	ng		98
32) Bis(2-ethylhexyl)phthalate	21.14	149	2718	0.216	ng		99
33) Indeno(1,2,3-cd)pyrene	25.75	276	7101	0.247	ng		98
35) Benzo(b)fluoranthene	22.83	252	5545	0.235	ng		96
36) Benzo(k)fluoranthene	22.88	252	7099	0.255	ng	#	95
37) Benzo(a)pyrene	23.41	252	6104	0.251	ng	#	92
38) Dibenzo(a,h)anthracene	25.75	278	5974	0.240	ng	#	96
39) Benzo(g,h,i)perylene	26.42	276	6294	0.250	ng		96

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

Quantitation Report (Not Reviewed)

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Acq On : 17 Oct 2018 17:07
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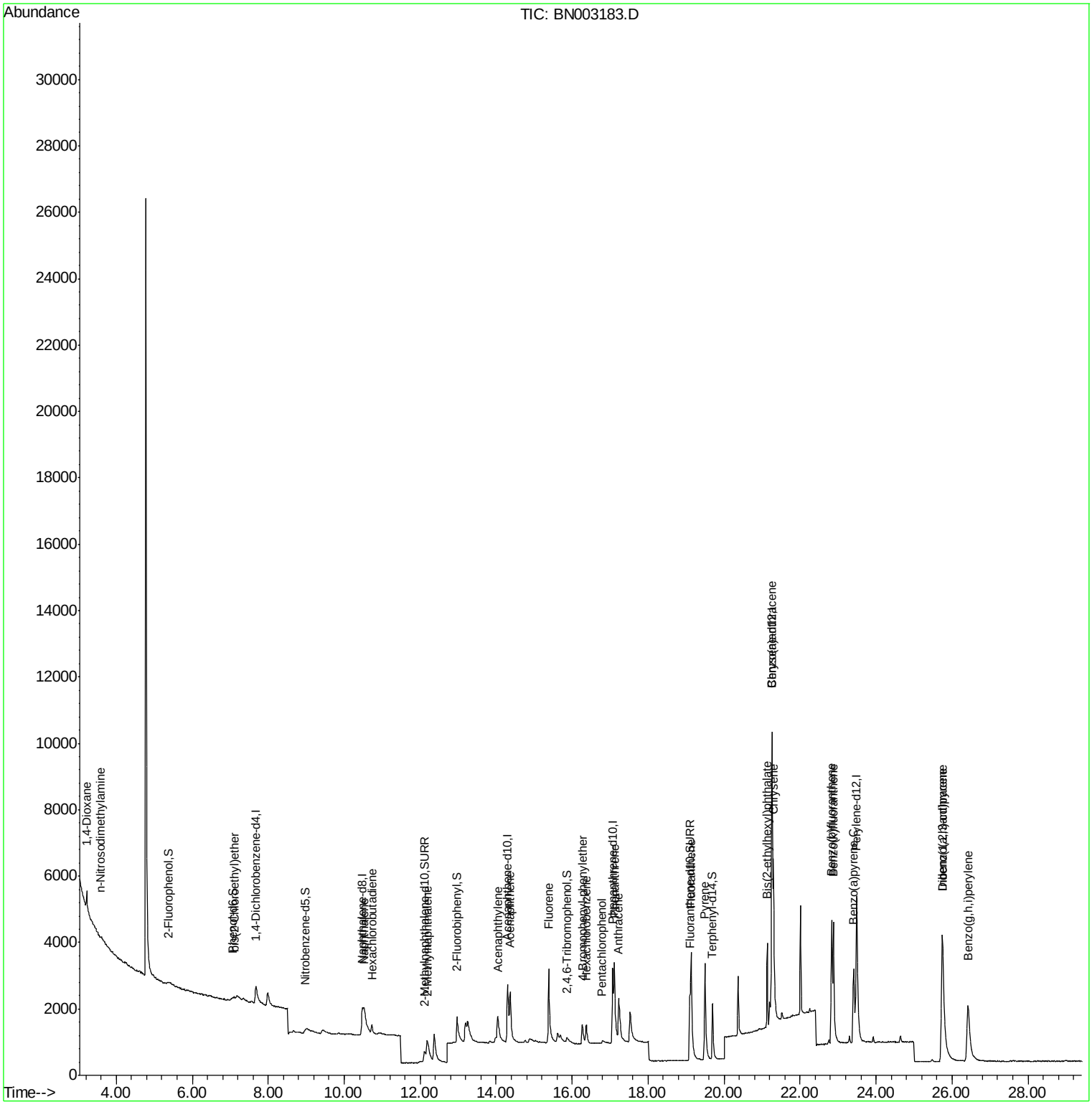
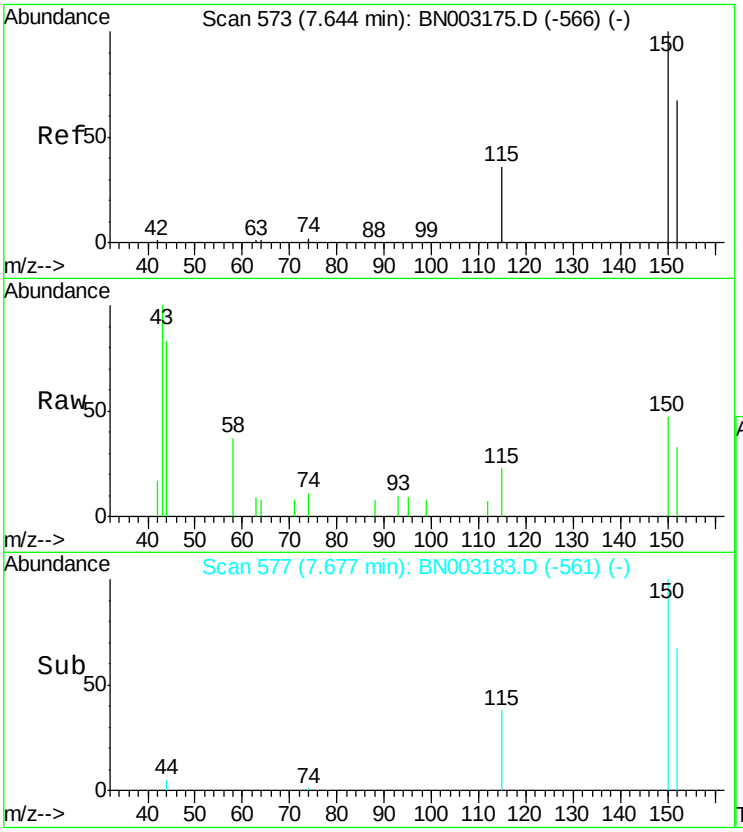
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Quant Time: Oct 18 15:37:42 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 15:26:23 2018
Response via : Initial Calibration



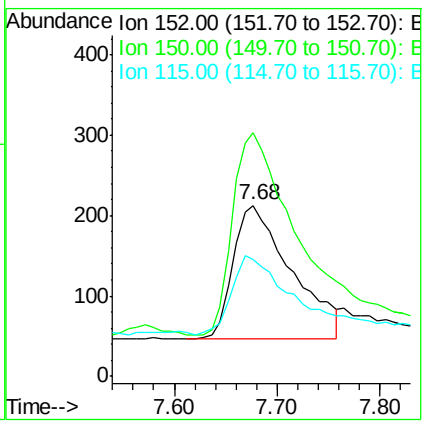


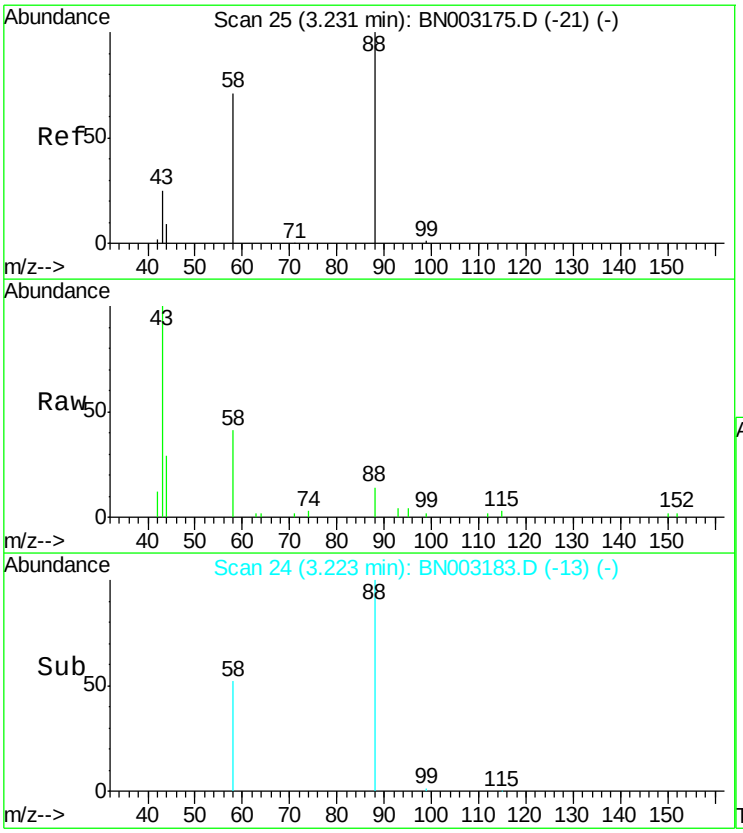
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 577
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:152 Resp: 650

Ion	Ratio	Lower	Upper
152	100		
150	142.3	126.2	189.4
115	68.5	49.8	74.6

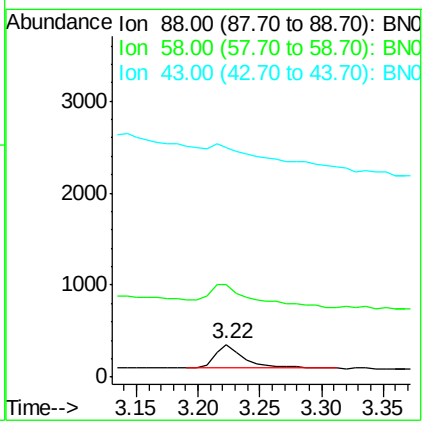


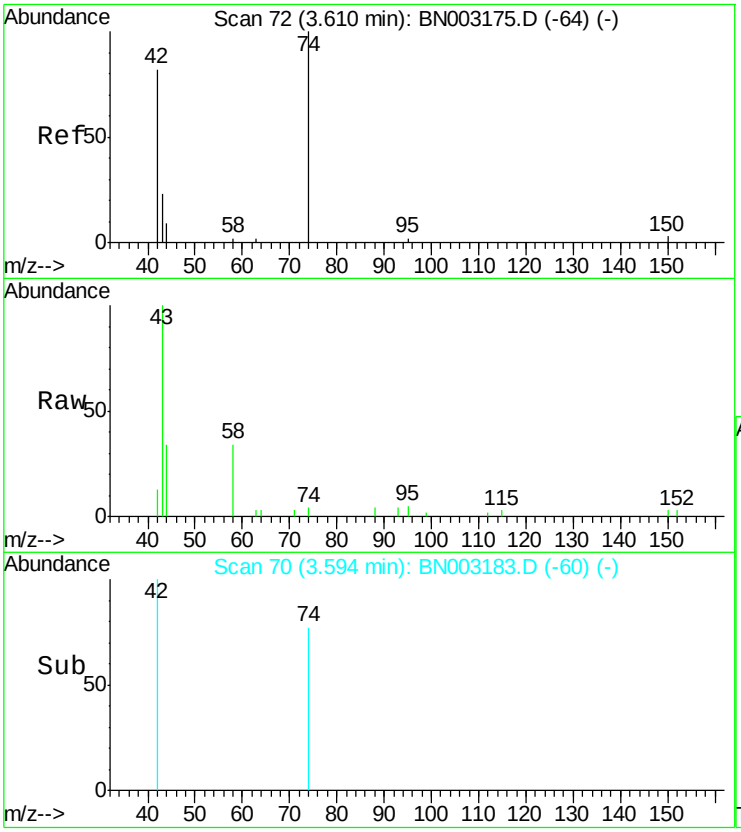


#2
1,4-Dioxane
Concen: 0.441 ng
RT: 3.22 min Scan# 24
Delta R.T. -0.01 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion: 88 Resp: 411

Ion	Ratio	Lower	Upper
88	100		
58	155.7	66.7	100.1#
43	0.0	24.6	37.0#



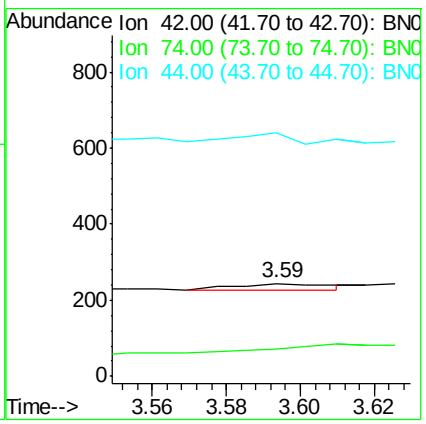


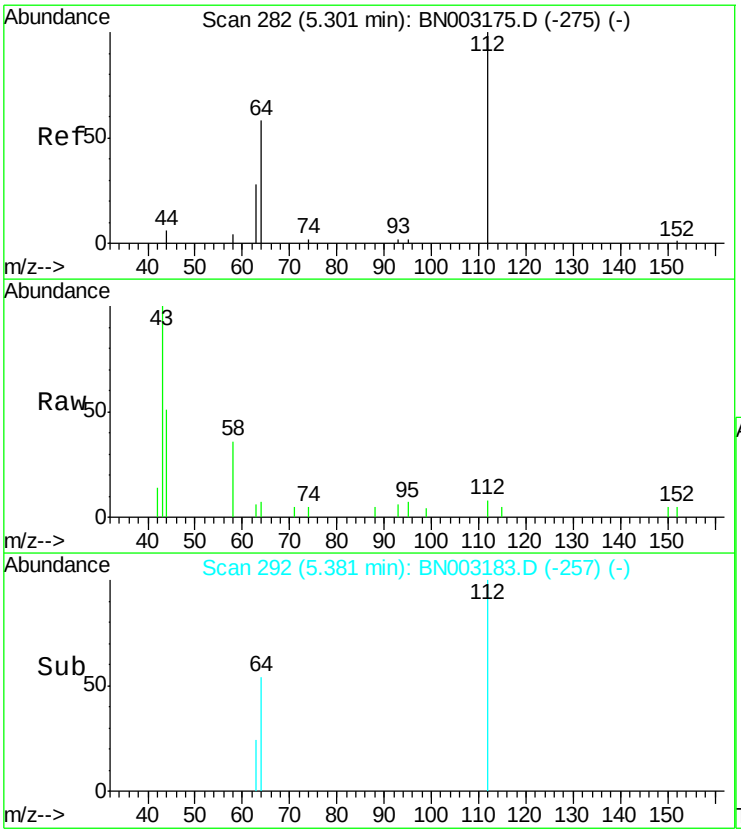
#3
n-Nitrosodimethylamine
Concen: 0.205 ng
RT: 3.59 min Scan# 70
Delta R.T. -0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion: 42 Resp: 29

Ion	Ratio	Lower	Upper
42	100		
74	213.8	102.9	154.3#
44	134.5	0.0	0.0#

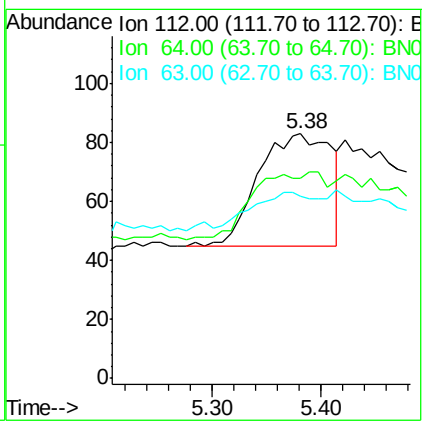


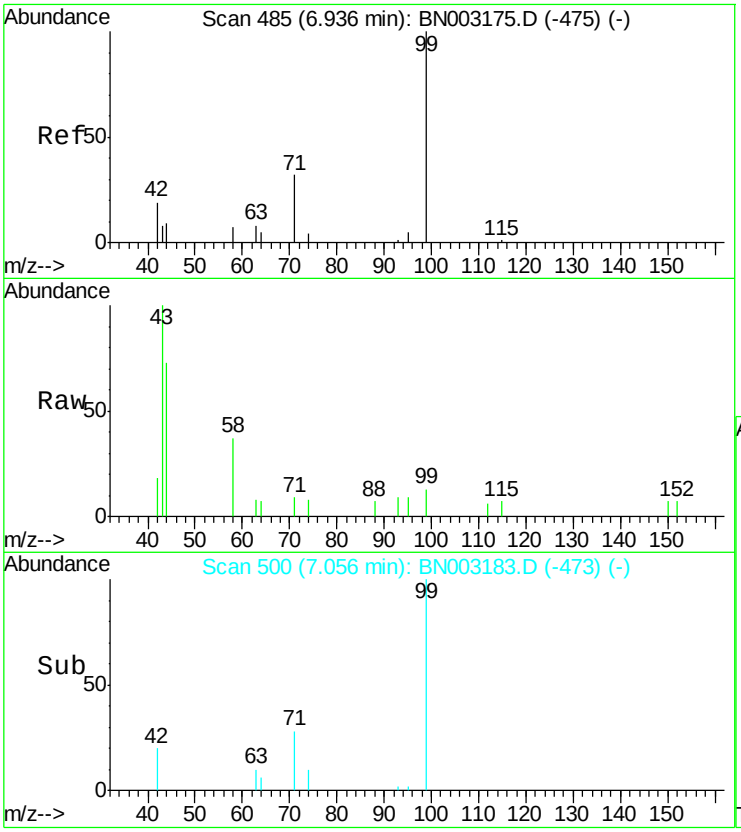


#4
2-Fluorophenol
Concen: 0.122 ng
RT: 5.38 min Scan# 292
Delta R.T. 0.08 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:112 Resp: 175

Ion	Ratio	Lower	Upper
112	100		
64	37.1	49.0	73.4#
63	24.0	25.9	38.9#



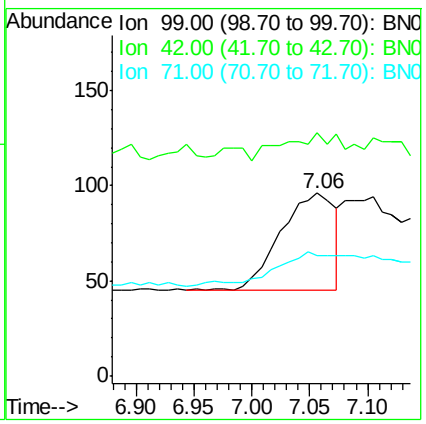


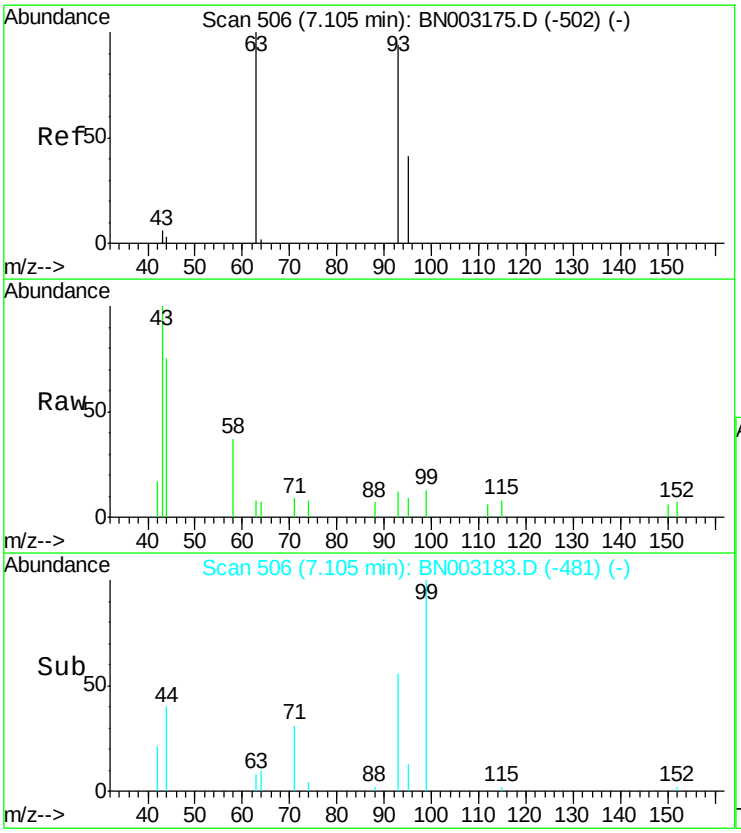
#5
Phenol-d6
Concen: 0.082 ng
RT: 7.06 min Scan# 500
Delta R.T. 0.12 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion: 99 Resp: 168

Ion	Ratio	Lower	Upper
99	100		
42	32.1	15.4	23.2#
71	25.6	26.0	39.0#

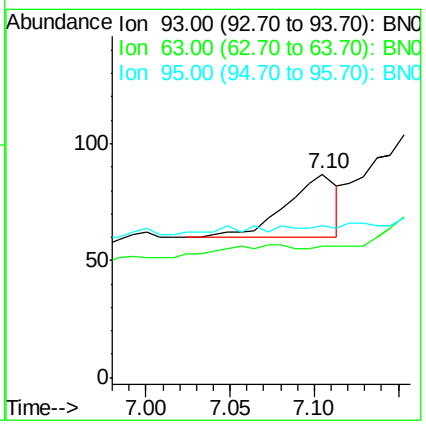


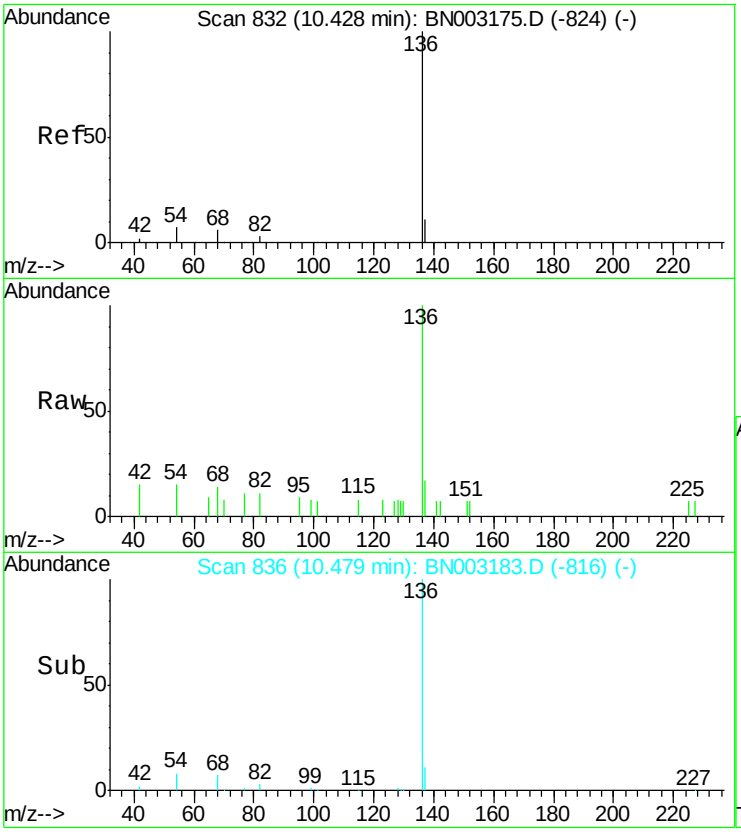


#6
bis(2-Chloroethyl)ether
Concen: 0.033 ng
RT: 7.10 min Scan# 506
Delta R.T. 0.00 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion: 93 Resp: 57

Ion	Ratio	Lower	Upper
93	100		
63	0.0	54.2	81.4#
95	3.5	24.9	37.3#



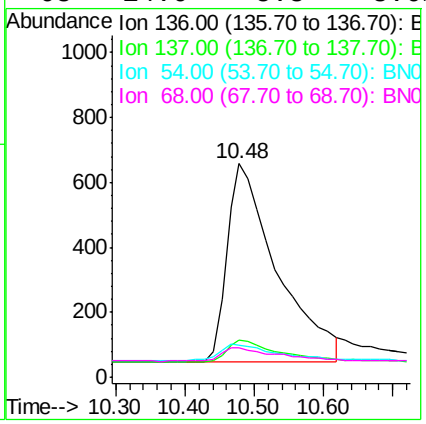


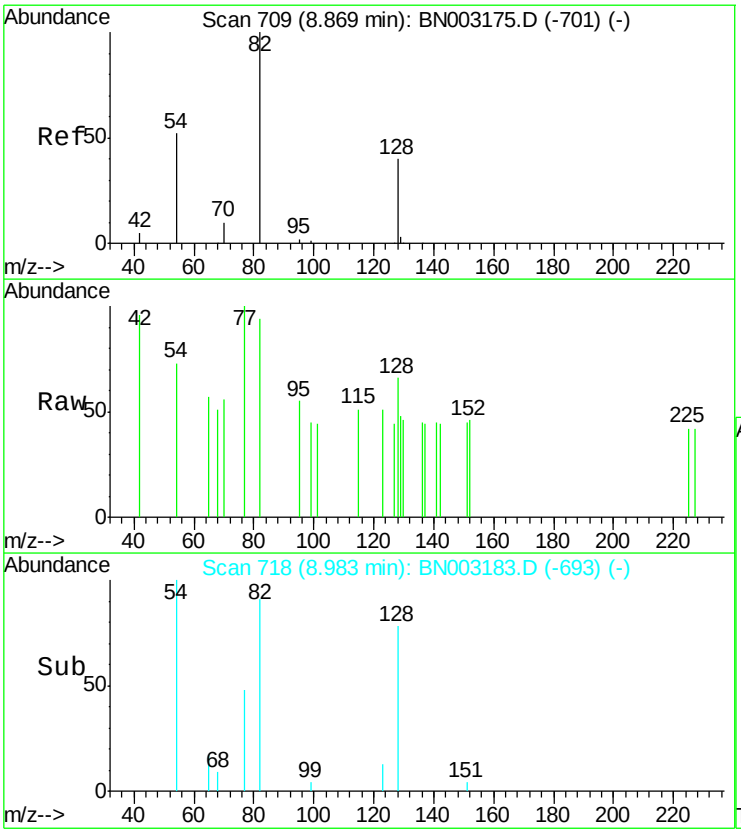
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. 0.05 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:136 Resp: 3053

Ion	Ratio	Lower	Upper
136	100		
137	17.5	9.4	14.0#
54	15.2	7.4	11.0#
68	14.0	5.8	8.6#

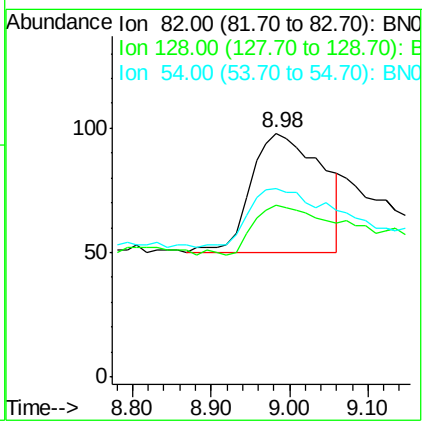


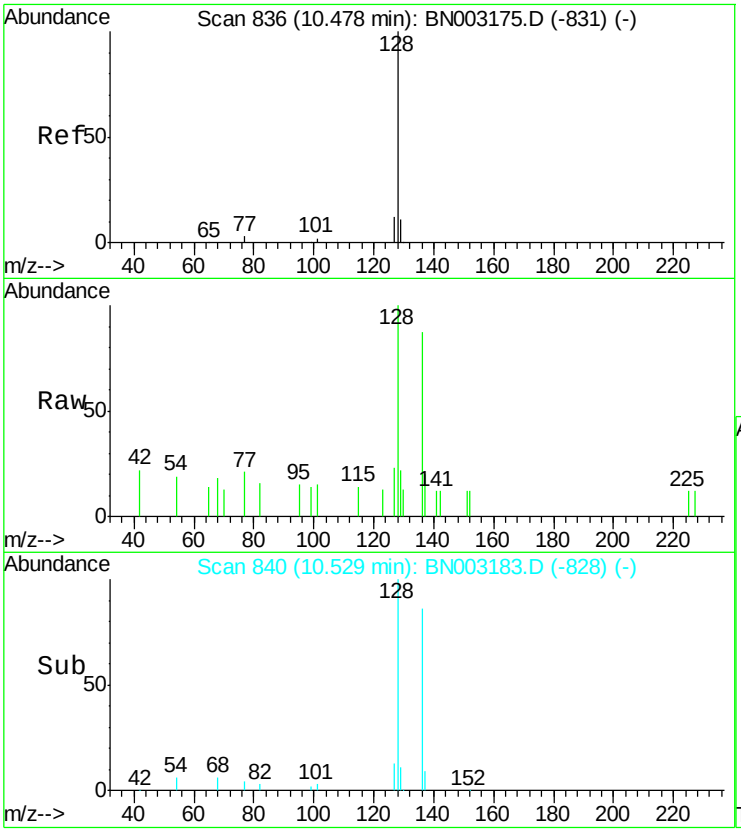


#8
Nitrobenzene-d5
Concen: 0.154 ng
RT: 8.98 min Scan# 718
Delta R.T. 0.12 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion: 82 Resp: 302

Ion	Ratio	Lower	Upper
82	100		
128	70.4	38.2	57.4#
54	77.6	44.1	66.1#



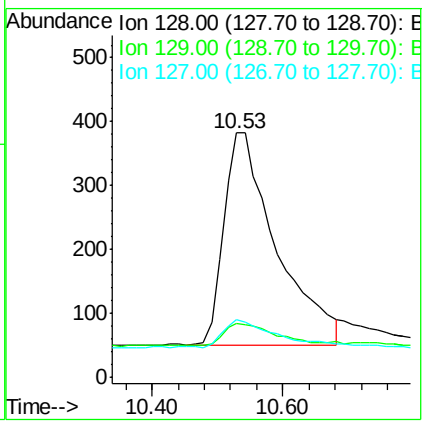


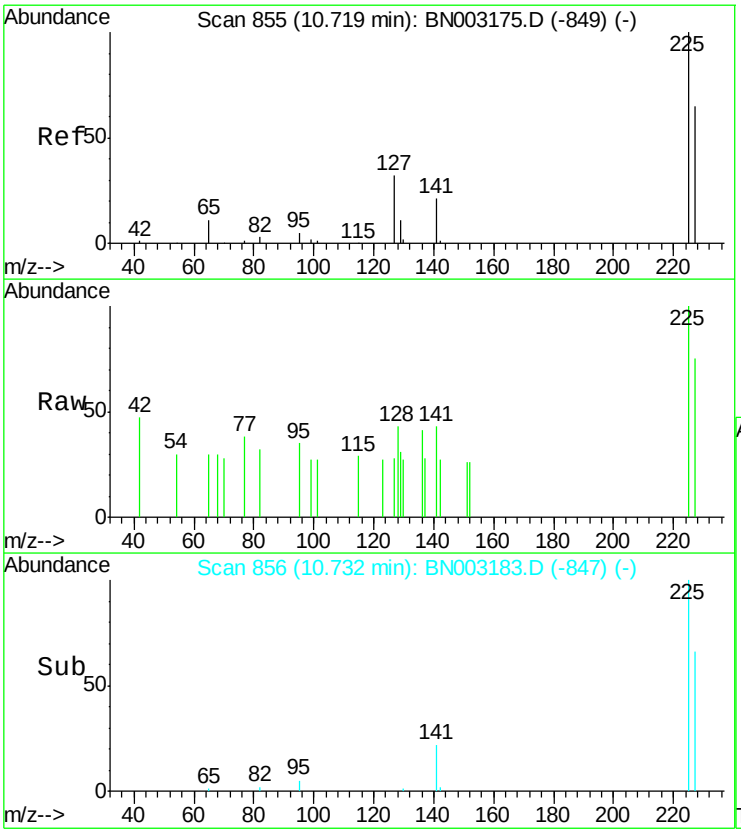
#9
Naphthalene
Concen: 0.243 ng
RT: 10.53 min Scan# 840
Delta R.T. 0.05 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:128 Resp: 1845

Ion	Ratio	Lower	Upper
128	100		
129	22.0	9.8	14.6#
127	23.3	11.4	17.2#

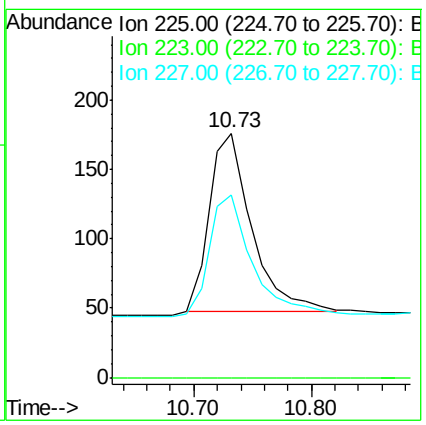


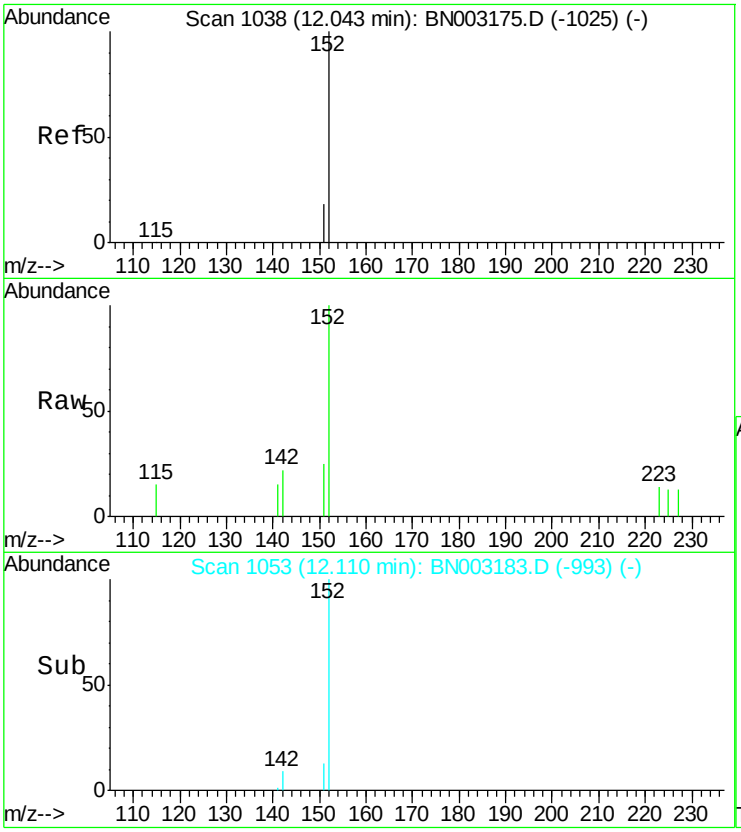


#10
Hexachlorobutadiene
Concen: 0.214 ng
RT: 10.73 min Scan# 856
Delta R.T. 0.01 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:225 Resp: 318

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	66.0	51.8	77.8



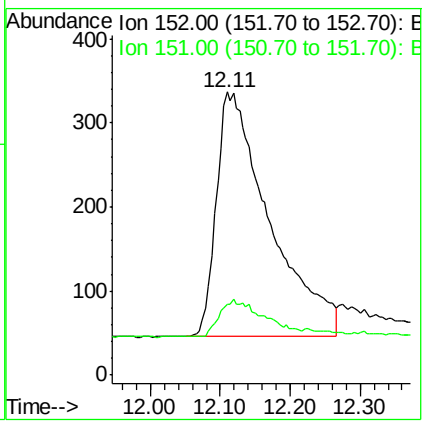


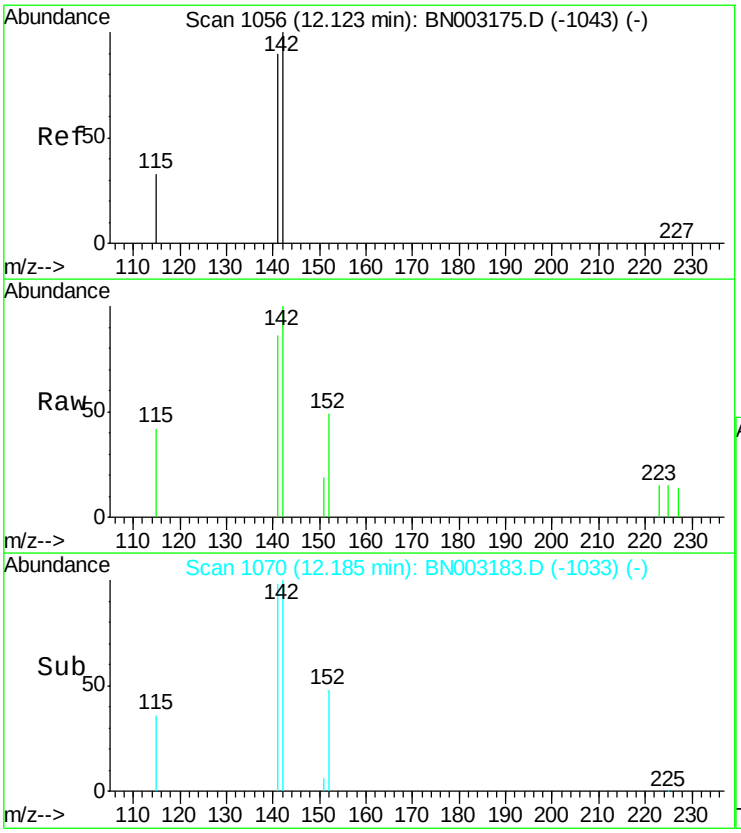
#11
2-Methylnaphthalene-d10
Concen: 0.297 ng
RT: 12.11 min Scan# 1053
Delta R.T. 0.07 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:152 Resp: 1533

Ion	Ratio	Lower	Upper
152	100		
151	12.7	15.0	22.4#

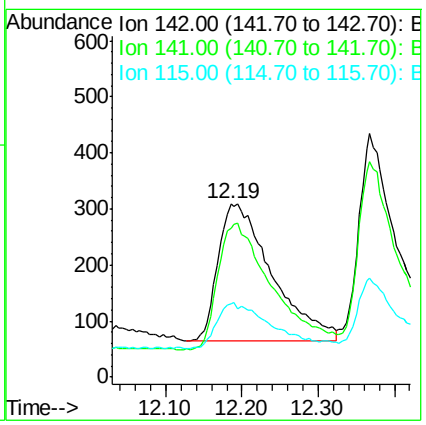


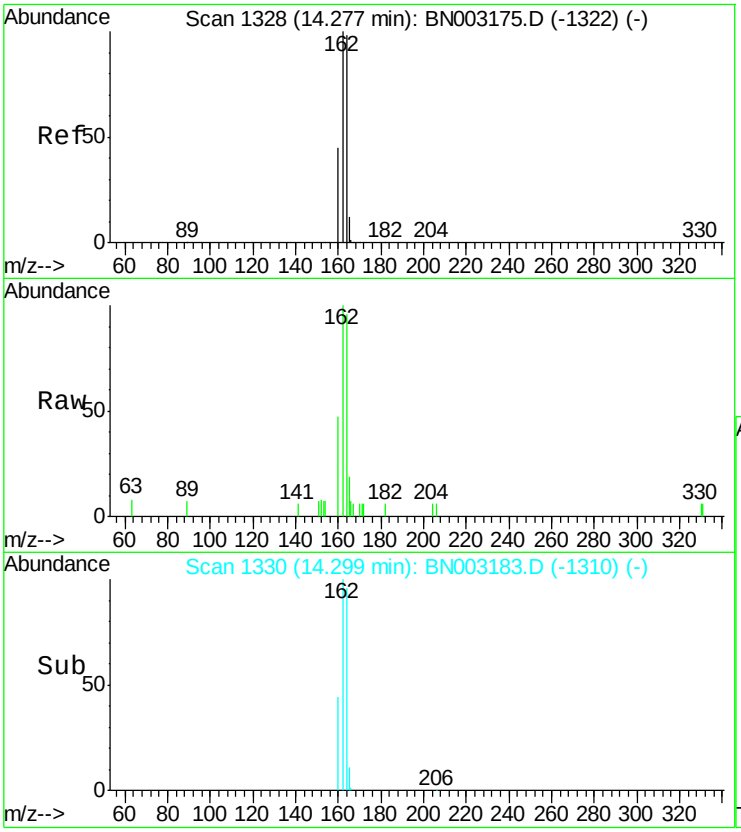


#12
2-Methylnaphthalene
Concen: 0.232 ng
RT: 12.19 min Scan# 1070
Delta R.T. 0.06 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:142 Resp: 1206

Ion	Ratio	Lower	Upper
142	100		
141	85.8	71.5	107.3
115	42.3	28.1	42.1#



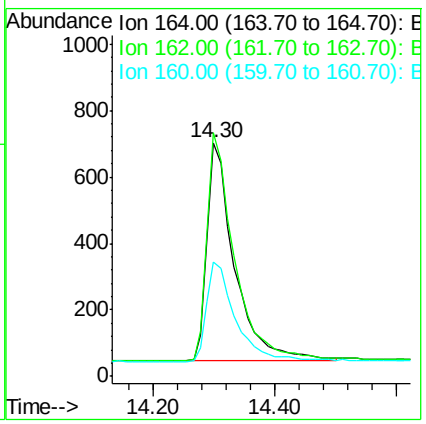


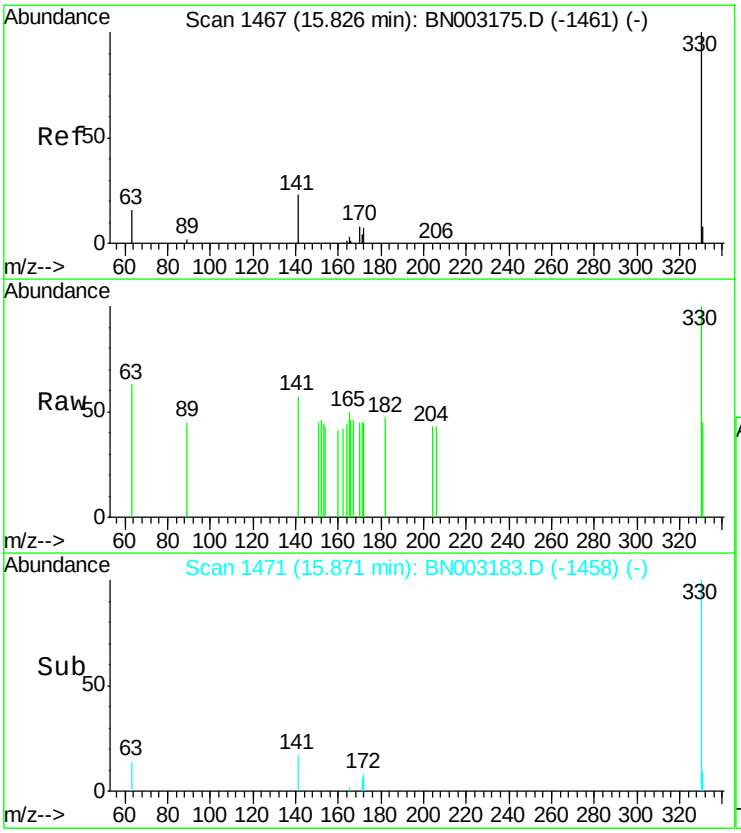
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:164 Resp: 2081

Ion	Ratio	Lower	Upper
164	100		
162	104.3	81.7	122.5
160	48.9	36.3	54.5

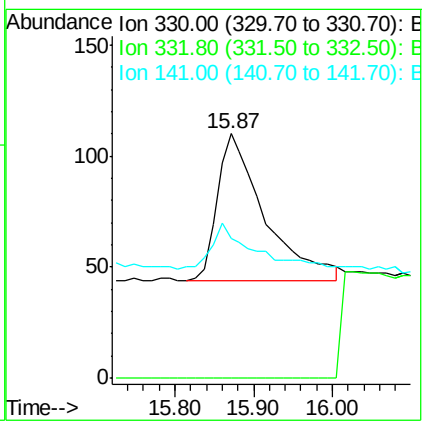


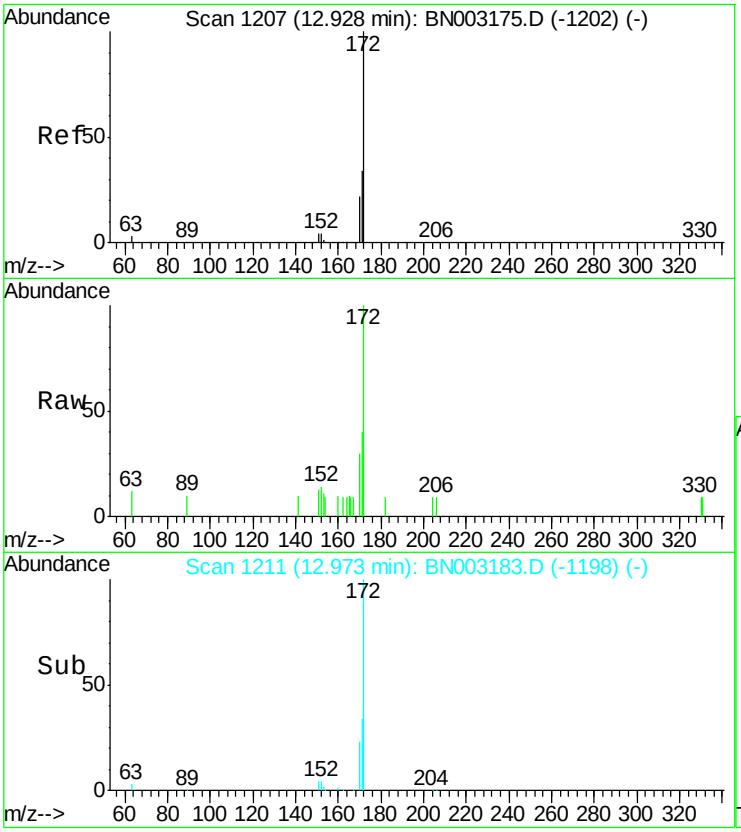


#14
2,4,6-Tribromophenol
Concen: 0.207 ng
RT: 15.87 min Scan# 1471
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:330 Resp: 274

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	27.7	22.6	33.8



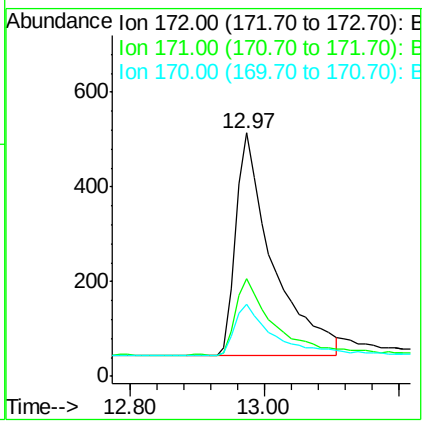


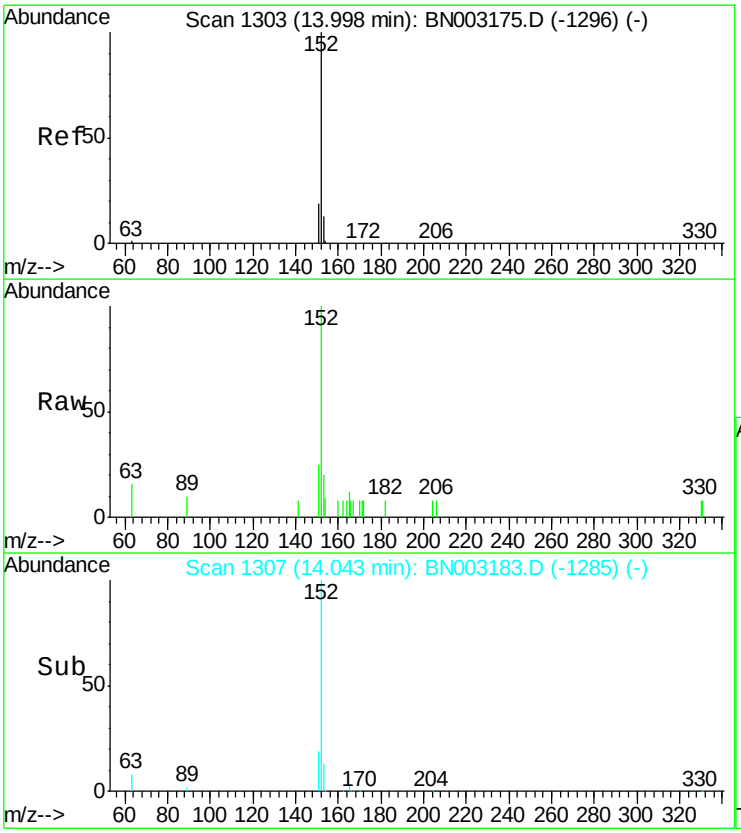
#15
2-Fluorobiphenyl
Concen: 0.217 ng
RT: 12.97 min Scan# 1211
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:172 Resp: 1781

Ion	Ratio	Lower	Upper
172	100		
171	40.1	28.6	43.0
170	29.8	18.6	27.8#

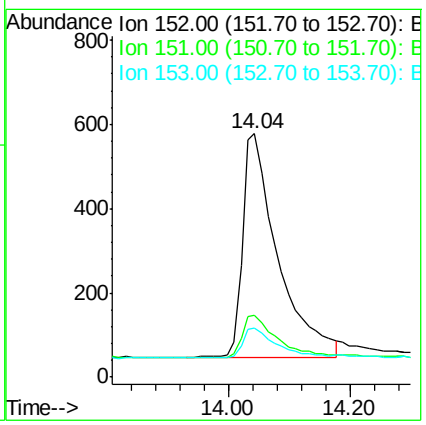


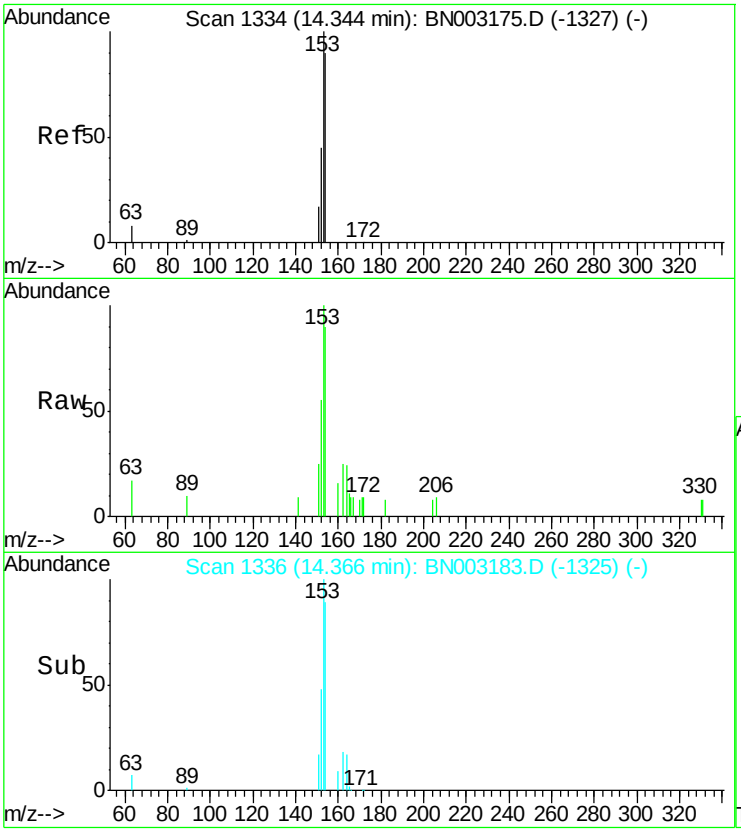


#16
Acenaphthylene
Concen: 0.224 ng
RT: 14.04 min Scan# 1307
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:152 Resp: 2120

Ion	Ratio	Lower	Upper
152	100		
151	18.3	15.7	23.5
153	13.1	10.6	16.0



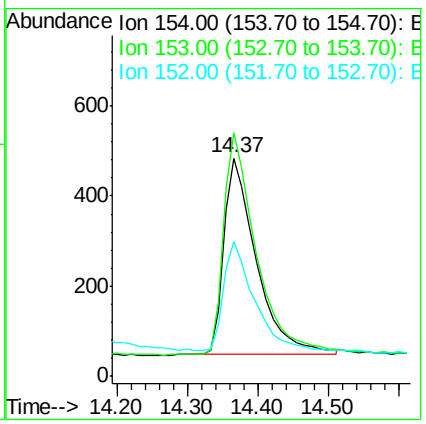


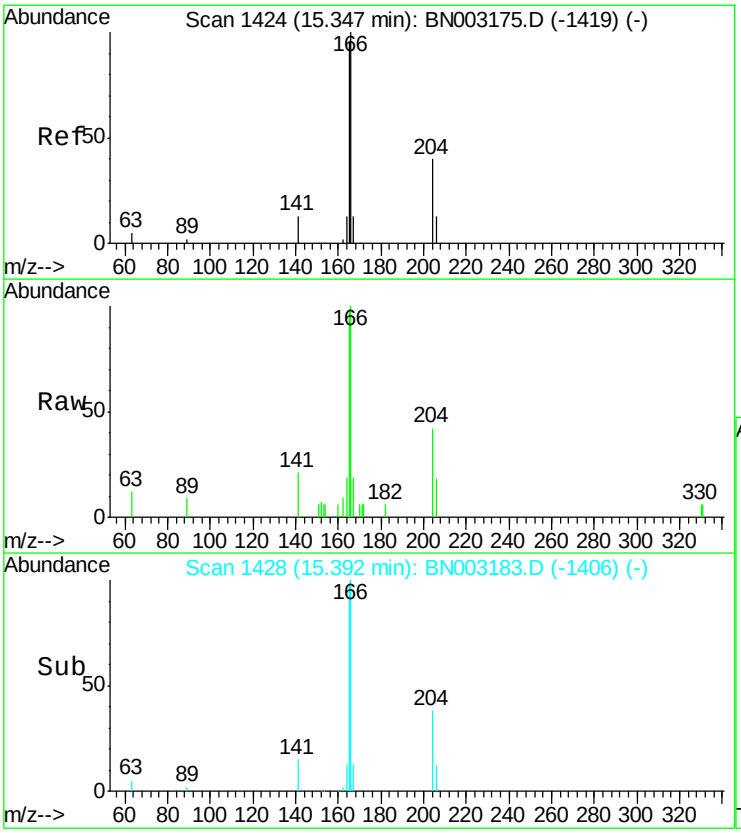
#17
Acenaphthene
Concen: 0.226 ng
RT: 14.37 min Scan# 1336
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:154 Resp: 1421

Ion	Ratio	Lower	Upper
154	100		
153	112.9	91.0	136.4
152	51.5	43.8	65.6

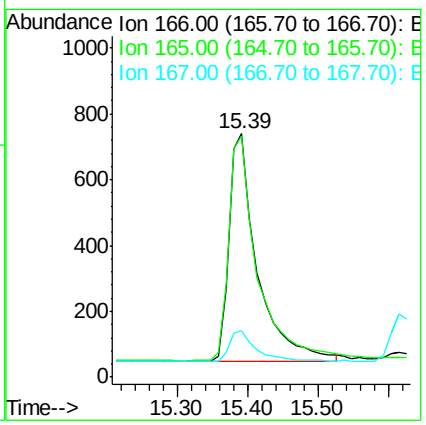


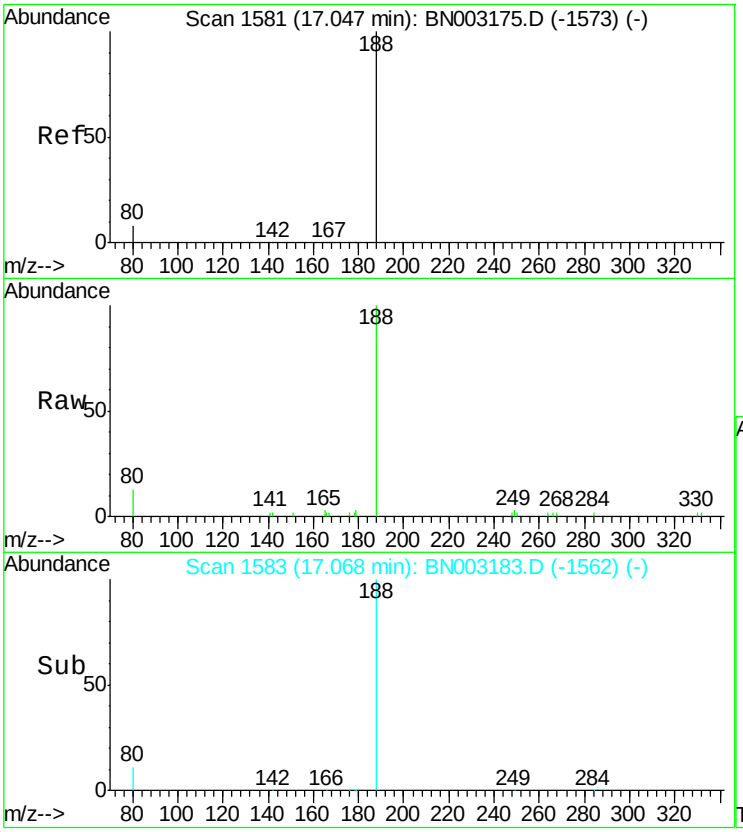


#18
Fluorene
Concen: 0.238 ng
RT: 15.39 min Scan# 1428
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:166 Resp: 1950

Ion	Ratio	Lower	Upper
166	100		
165	100.4	78.2	117.2
167	13.5	10.7	16.1



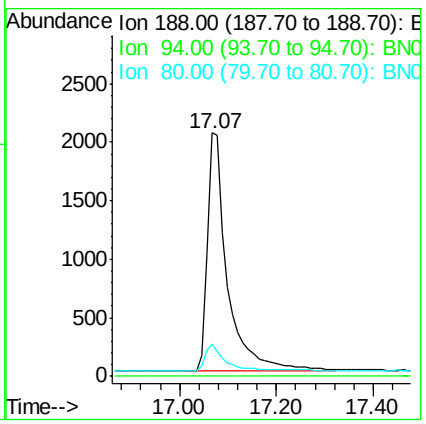


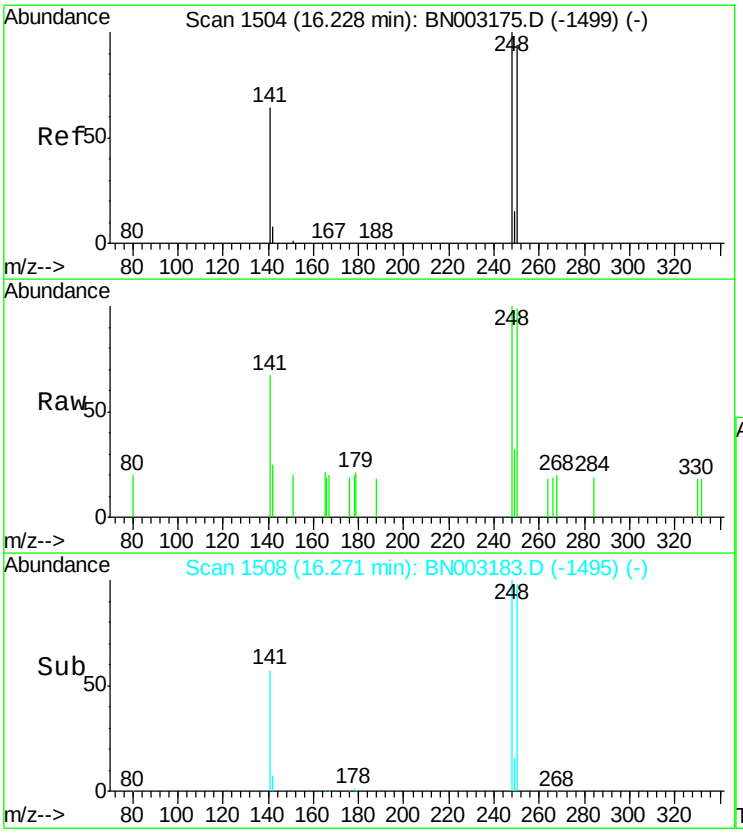
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:188 Resp: 5883

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	13.2	6.7	10.1#

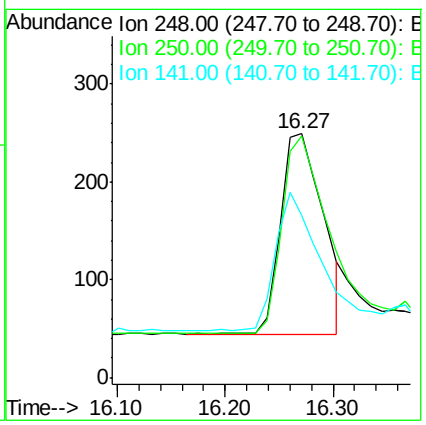


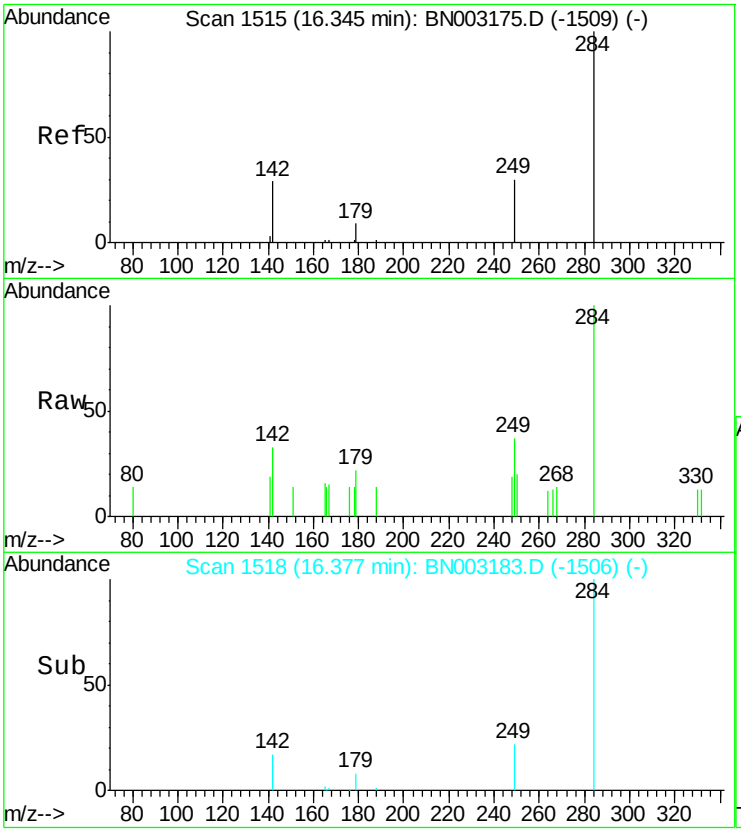


#20
4-Bromophenyl-phenylether
Concen: 0.171 ng
RT: 16.27 min Scan# 1508
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:248 Resp: 562

Ion	Ratio	Lower	Upper
248	100		
250	99.2	78.9	118.3
141	66.7	48.5	72.7



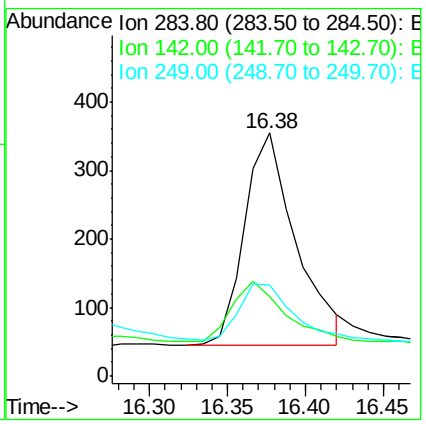


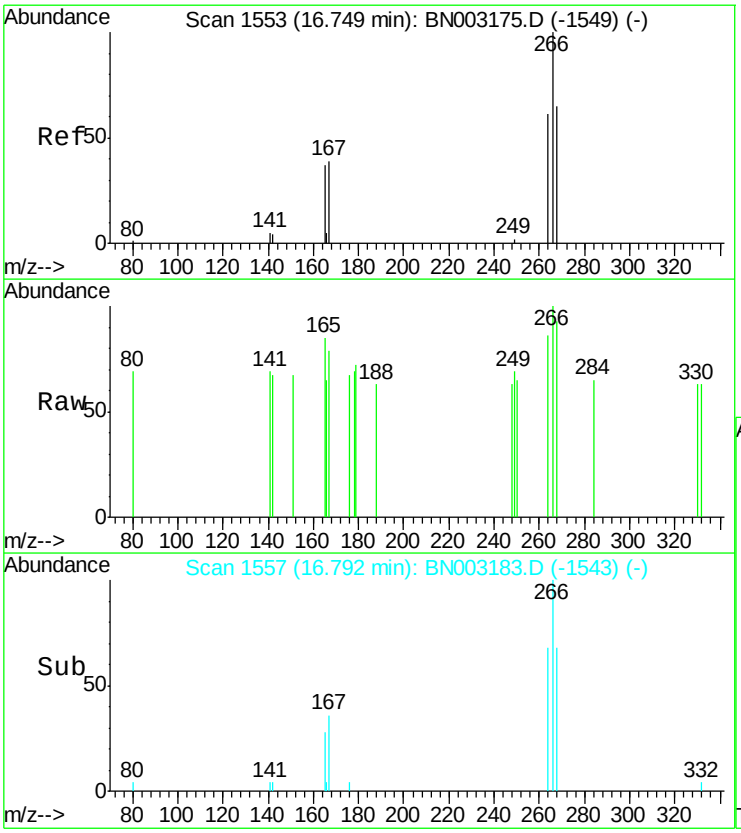
#21
Hexachlorobenzene
Concen: 0.194 ng
RT: 16.38 min Scan# 1518
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:284 Resp: 705

Ion	Ratio	Lower	Upper
284	100		
142	29.5	24.6	37.0
249	27.1	22.3	33.5

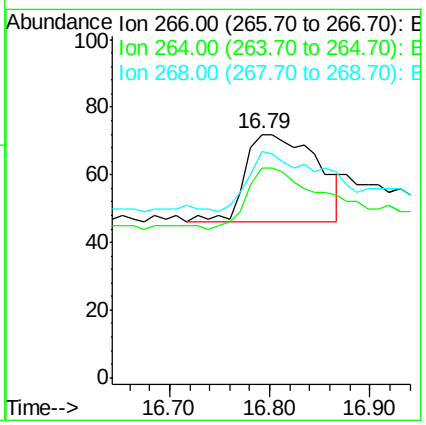


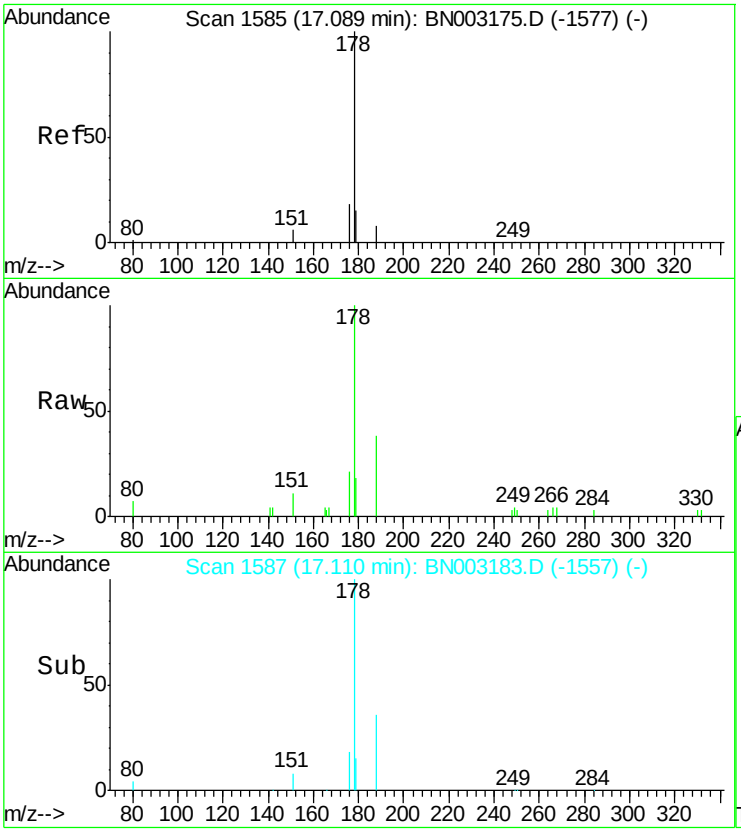


#22
Pentachlorophenol
Concen: 0.241 ng
RT: 16.79 min Scan# 1557
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:266 Resp: 131

Ion	Ratio	Lower	Upper
266	100		
264	86.1	55.0	82.4#
268	93.1	60.6	91.0#



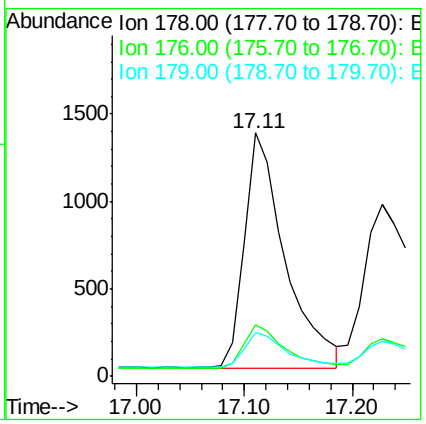


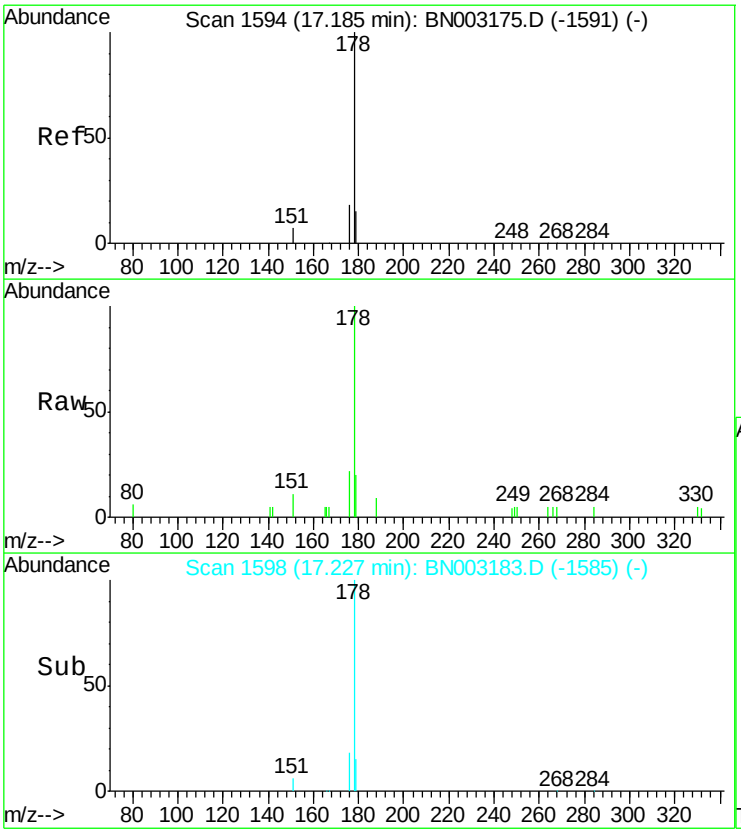
#23
Phenanthrene
Concen: 0.227 ng
RT: 17.11 min Scan# 1587
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:178 Resp: 3494

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.4	12.3	18.5

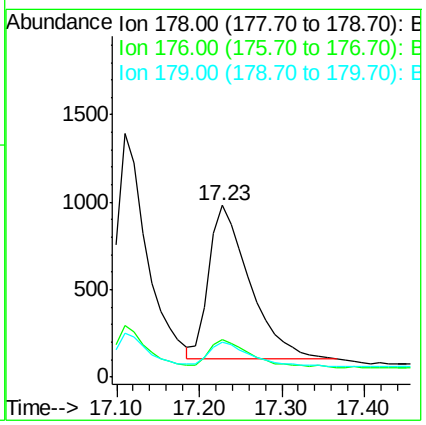


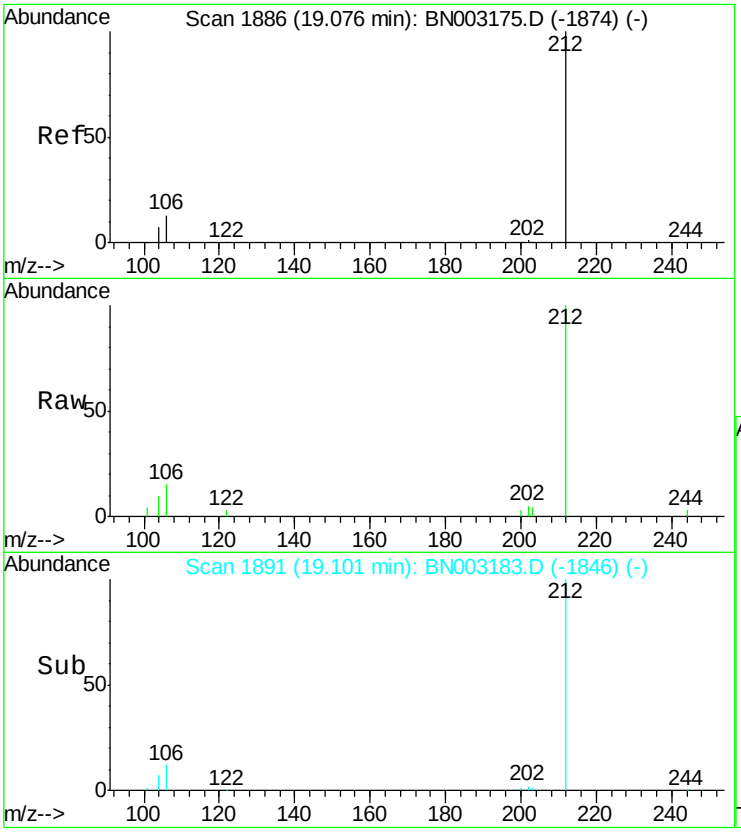


#24
Anthracene
Concen: 0.216 ng
RT: 17.23 min Scan# 1598
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:178 Resp: 3049

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.4	12.3	18.5



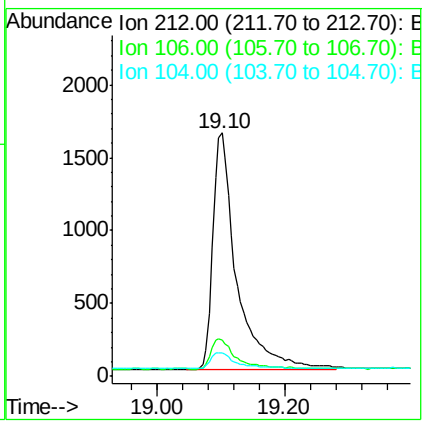


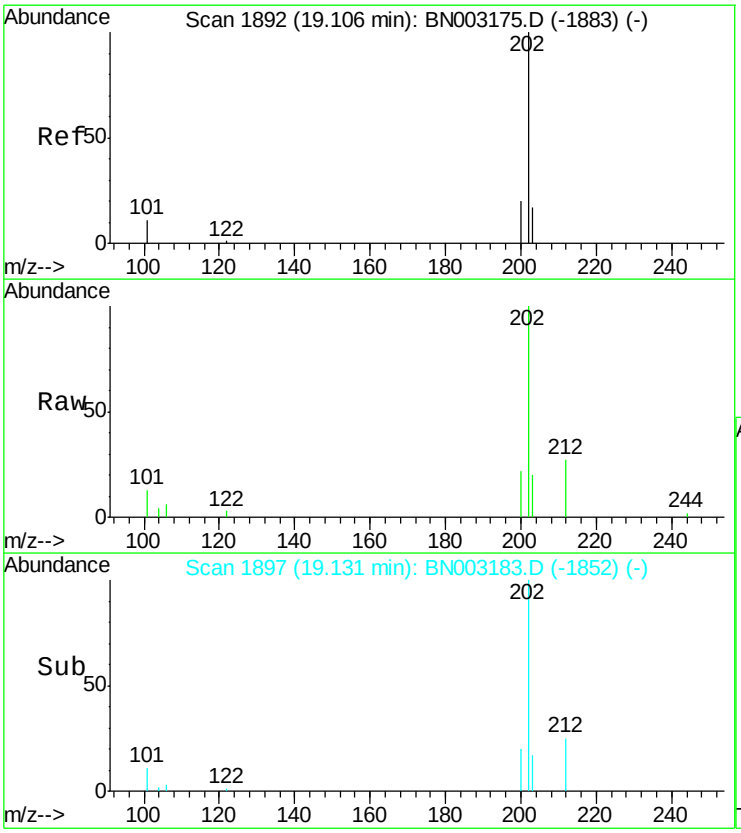
#25
Fluoranthene-d10
Concen: 0.233 ng
RT: 19.10 min Scan# 1891
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:212 Resp: 4242

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

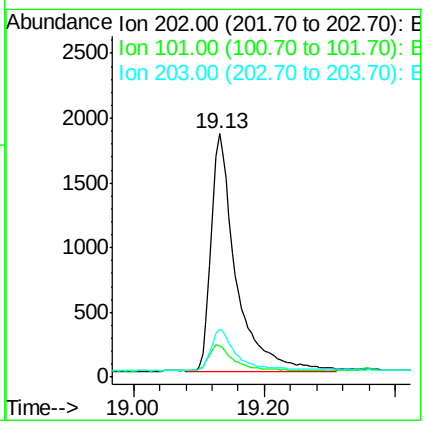


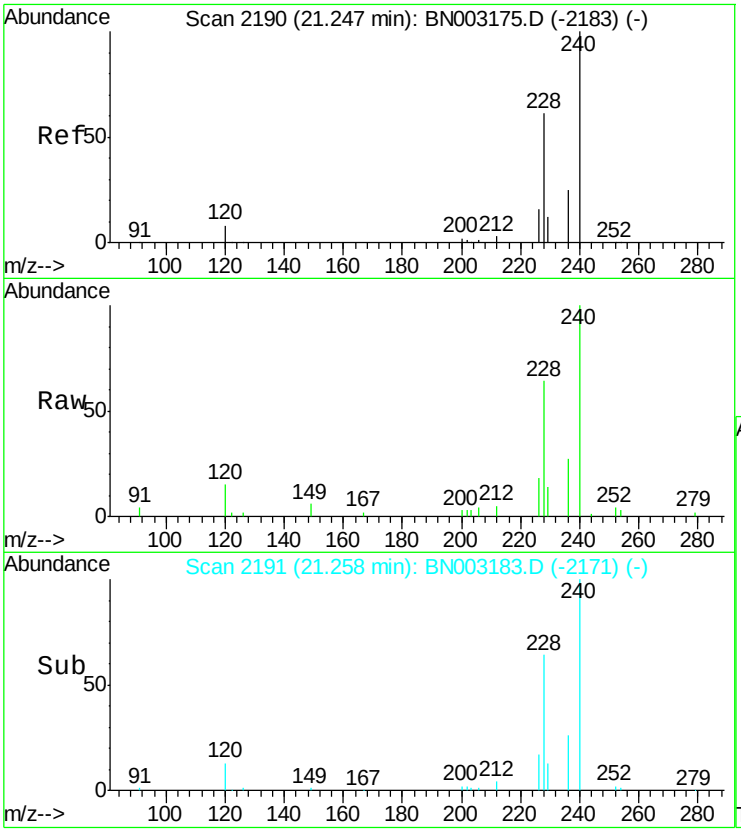


#26
Fluoranthene
Concen: 0.246 ng
RT: 19.13 min Scan# 1897
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:202 Resp: 4861

Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	12.8
203	17.0	13.7	20.5



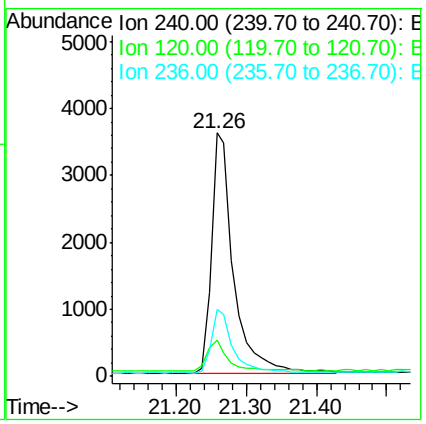


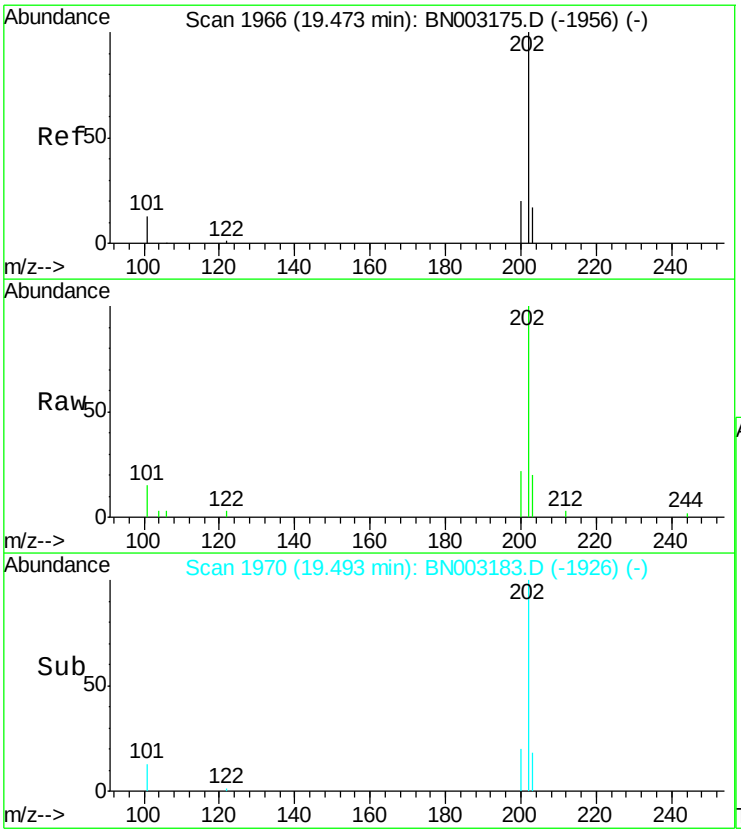
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.01 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:240 Resp: 7922

Ion	Ratio	Lower	Upper
240	100		
120	15.0	7.8	11.8#
236	27.3	21.0	31.4

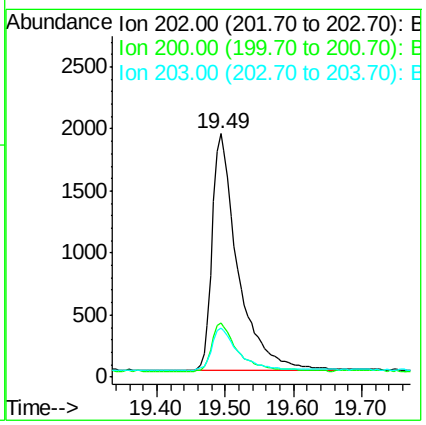


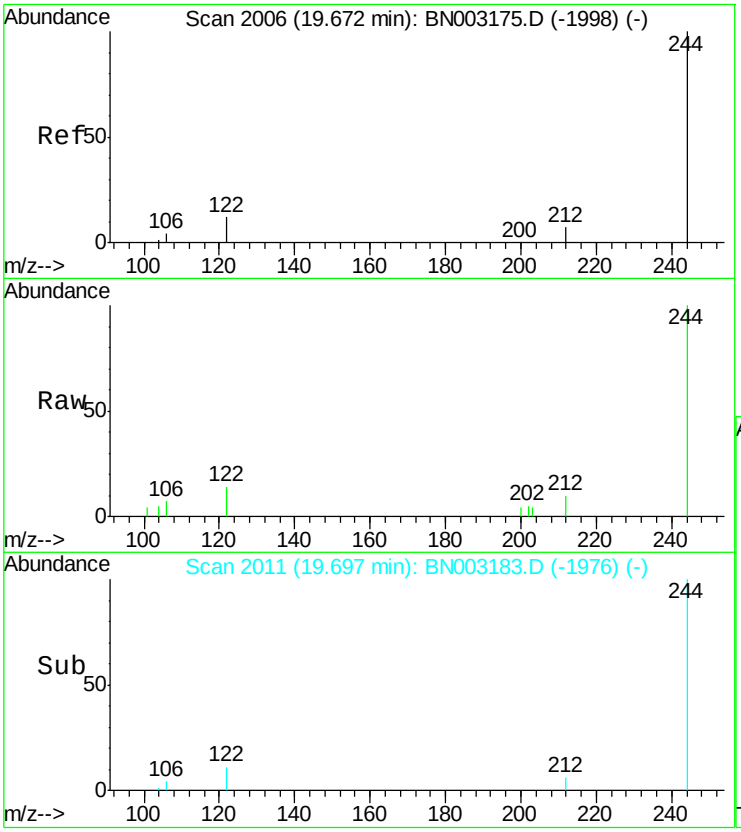


#28
Pyrene
Concen: 0.225 ng
RT: 19.49 min Scan# 1970
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:202 Resp: 4995

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.3	24.5
203	18.3	14.2	21.2



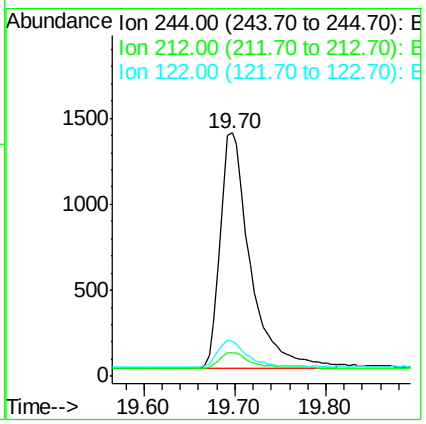


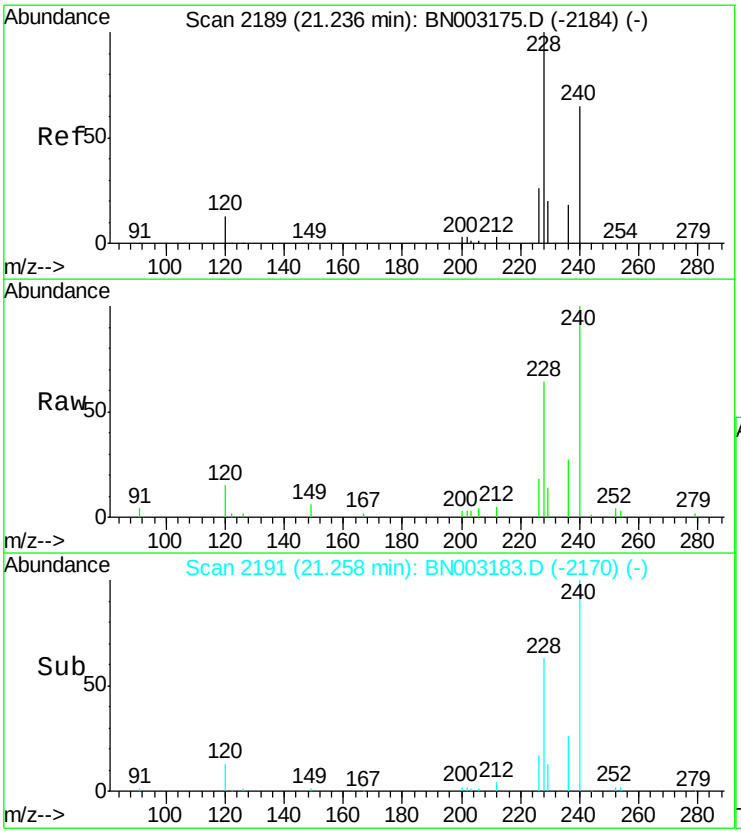
#29
Terphenyl-d14
Concen: 0.184 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:244 Resp: 3154

Ion	Ratio	Lower	Upper
244	100		
212	9.8	6.2	9.4#
122	14.3	9.1	13.7#

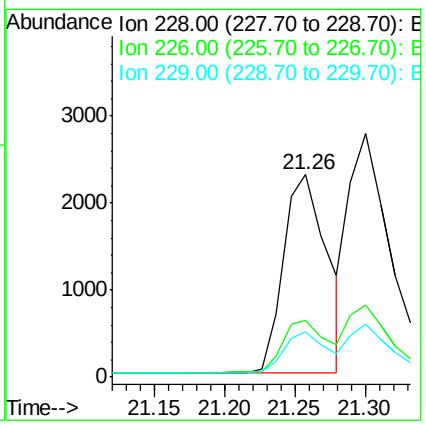


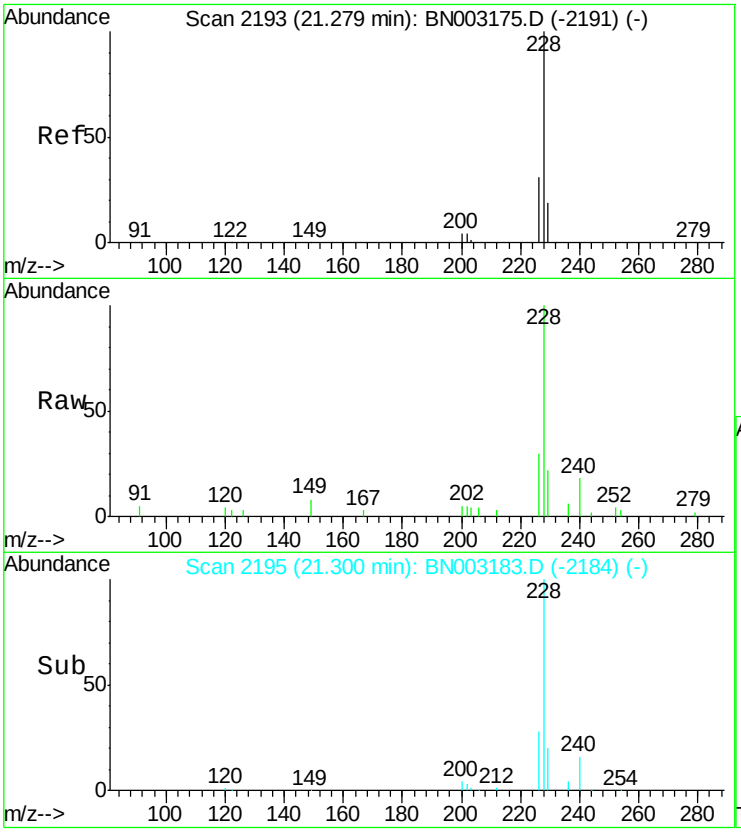


#30
Benzo(a)anthracene
Concen: 0.232 ng
RT: 21.26 min Scan# 2191
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:228 Resp: 4935

Ion	Ratio	Lower	Upper
228	100		
226	27.8	21.4	32.2
229	22.1	16.4	24.6



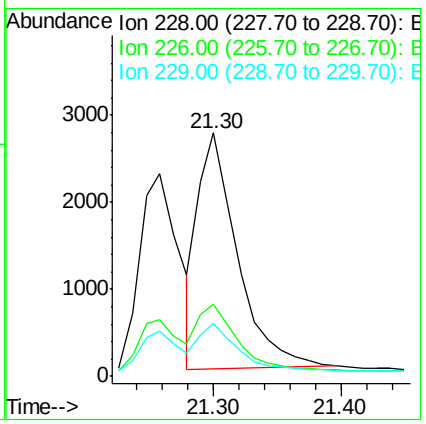


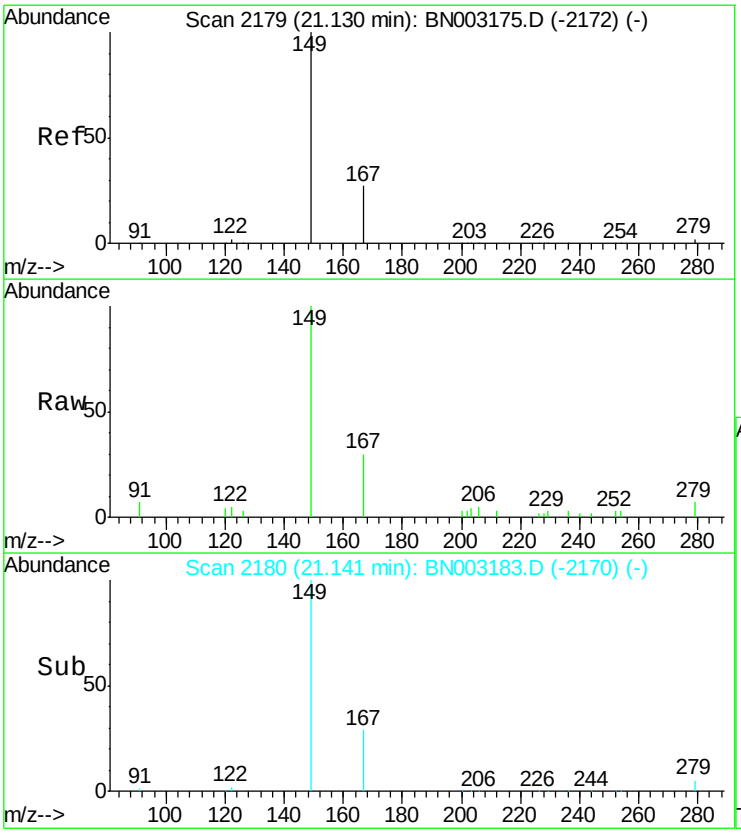
#31
Chrysene
Concen: 0.238 ng
RT: 21.30 min Scan# 2195
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:228 Resp: 5800

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.1	34.7
229	21.5	15.9	23.9

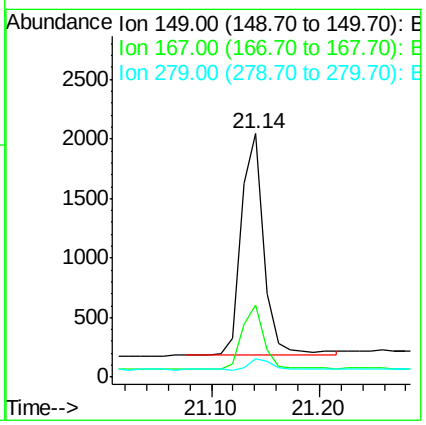


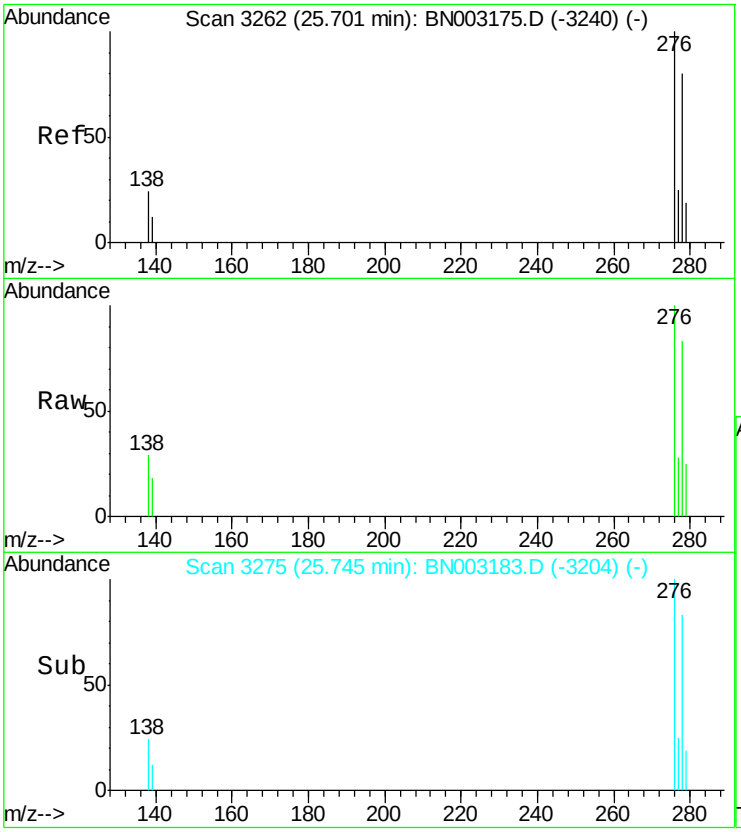


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.216 ng
RT: 21.14 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:149 Resp: 2718

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	5.2	3.7	5.5



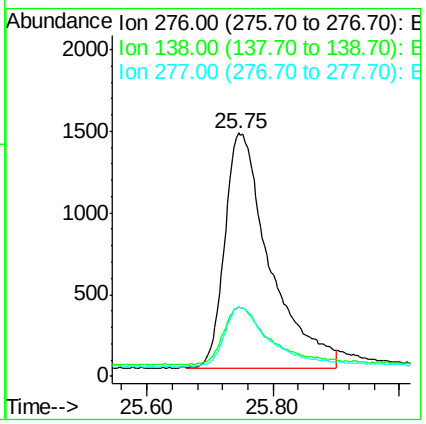


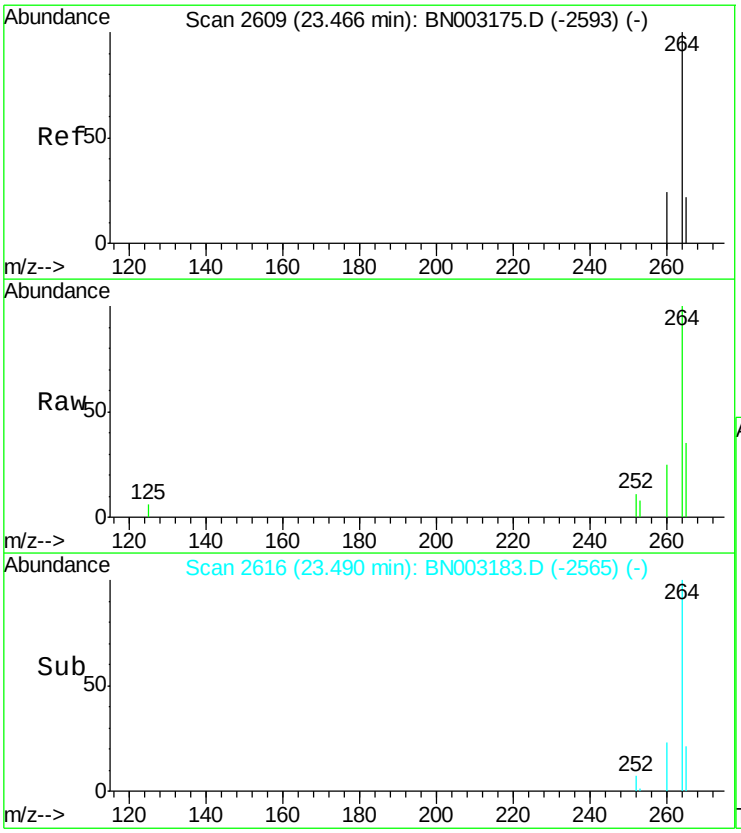
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.247 ng
RT: 25.75 min Scan# 3275
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:276 Resp: 7101

Ion	Ratio	Lower	Upper
276	100		
138	24.7	18.2	27.4
277	25.0	20.2	30.4

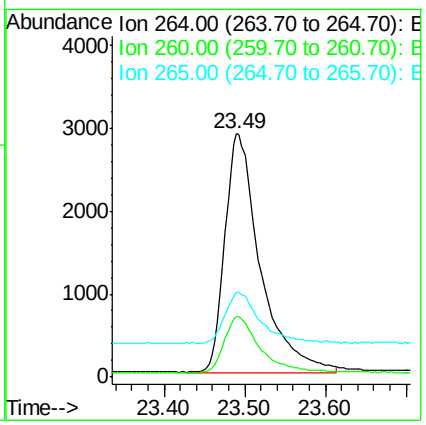


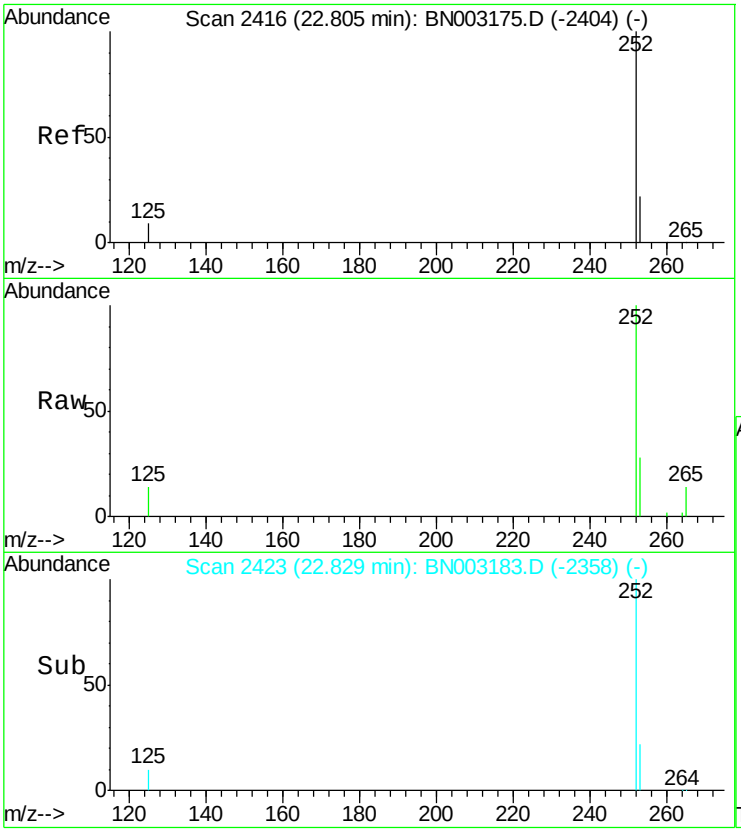


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2616
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:264 Resp: 8751

Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.7	29.5
265	34.6	27.6	41.4



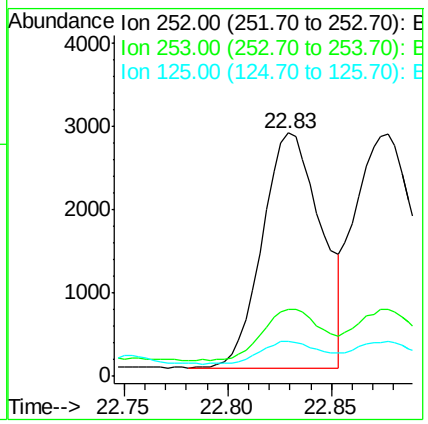


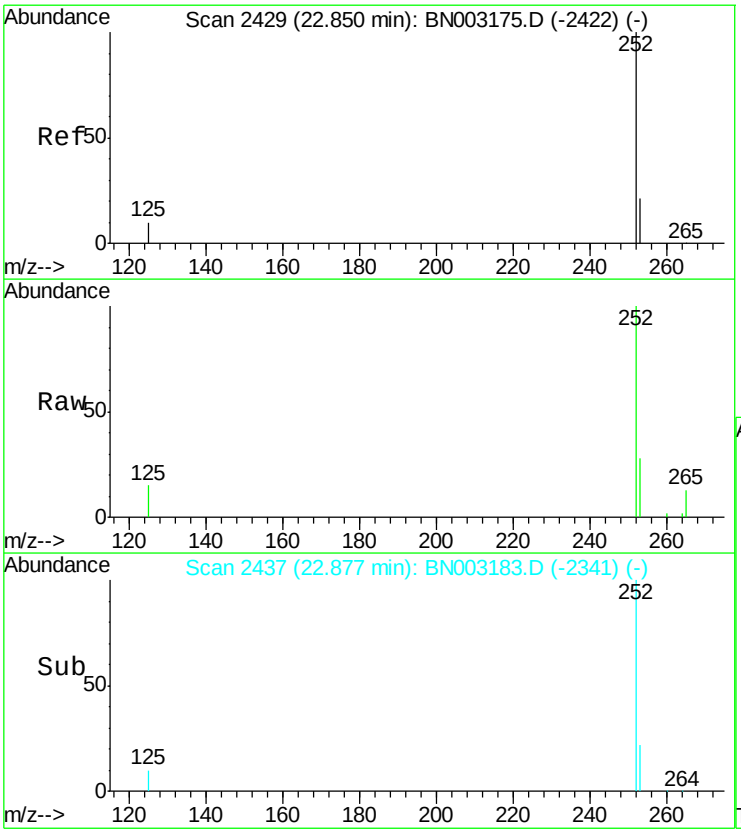
#35
Benzo(b)fluoranthene
Concen: 0.235 ng
RT: 22.83 min Scan# 2423
Delta R.T. 0.02 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:252 Resp: 5545

Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.8	31.2
125	14.2	9.6	14.4

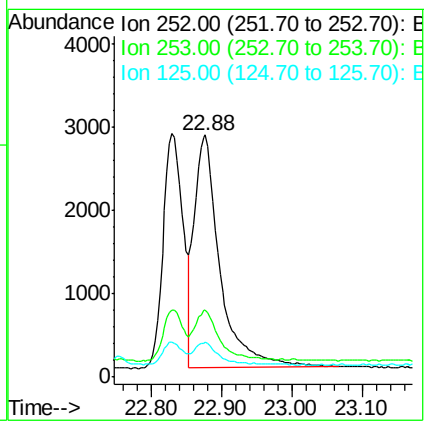


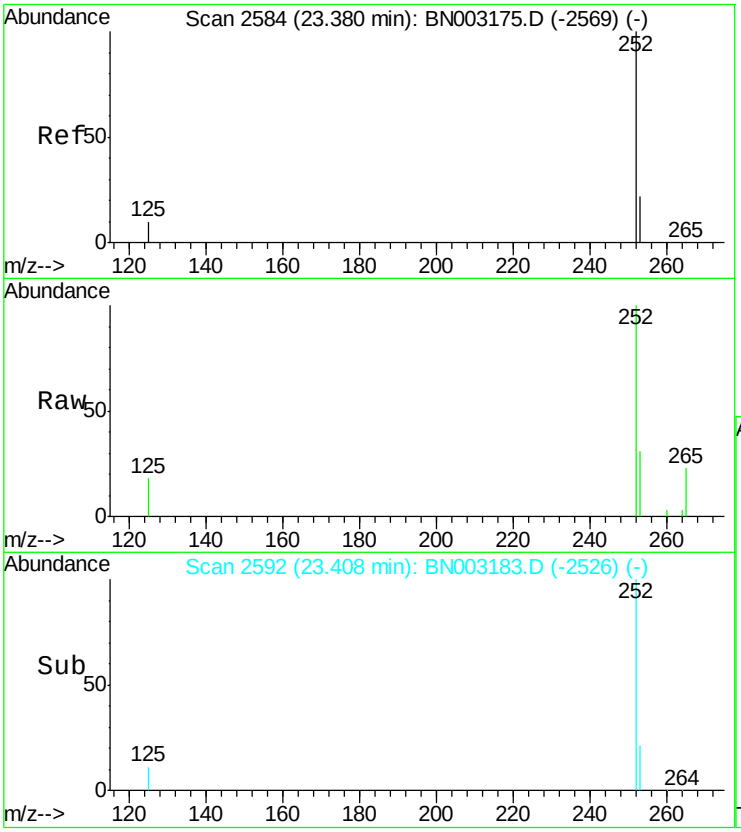


#36
Benzo(k)fluoranthene
Concen: 0.255 ng
RT: 22.88 min Scan# 2437
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:252 Resp: 7099

Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.5	30.7
125	14.6	9.4	14.0#



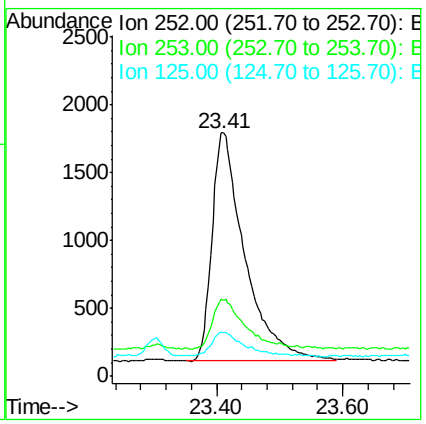


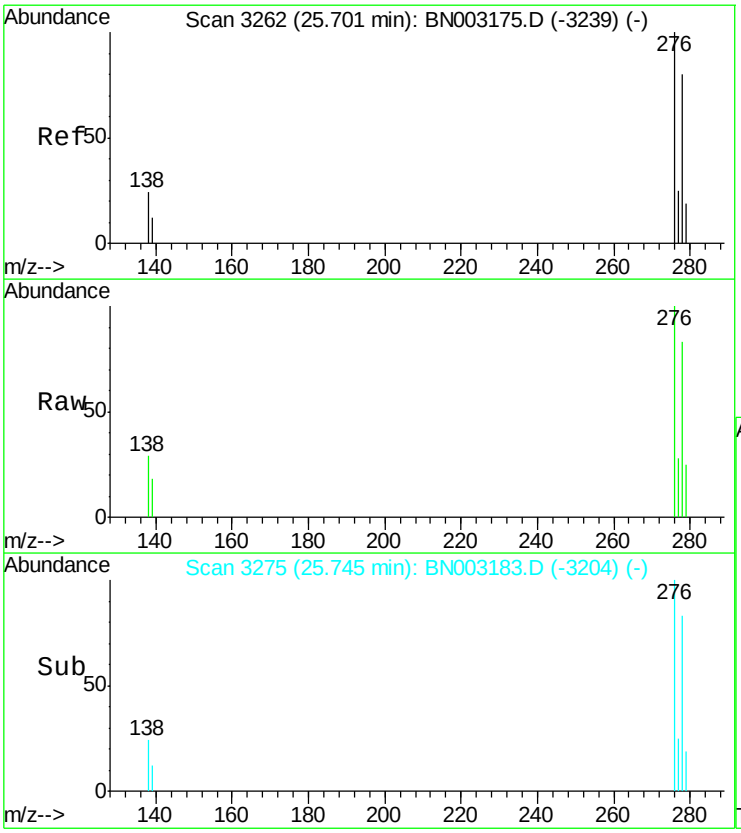
#37
Benzo(a)pyrene
Concen: 0.251 ng
RT: 23.41 min Scan# 2592
Delta R.T. 0.03 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:252 Resp: 6104

Ion	Ratio	Lower	Upper
252	100		
253	31.5	22.4	33.6
125	18.2	11.4	17.0#

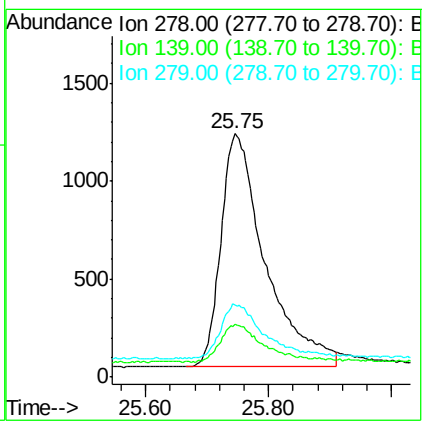


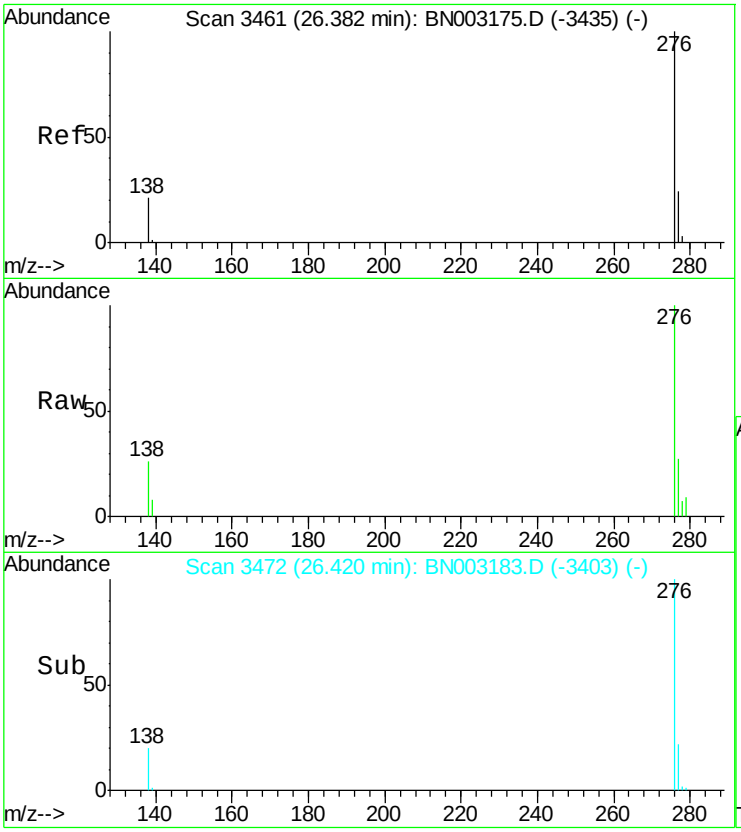


#38
Dibenzo(a,h)anthracene
Concen: 0.240 ng
RT: 25.75 min Scan# 3275
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Tgt Ion:278 Resp: 5974

Ion	Ratio	Lower	Upper
278	100		
139	21.9	14.6	21.8#
279	29.9	23.1	34.7





#39
Benzo(g,h,i)perylene
Concen: 0.250 ng
RT: 26.42 min Scan# 3472
Delta R.T. 0.04 min
Lab File: BN003183.D
Acq: 17 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113776BSD

Tgt Ion:276 Resp: 6294

Ion	Ratio	Lower	Upper
276	100		
277	26.9	21.0	31.4
138	25.7	18.1	27.1