Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008014.D
Acq On : 04 Oct 2019 21:34
Operator : JU
Sample : K5078-08RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:25:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	21978	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	88436	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	51001	0.40	ng		-0.02
19) Phenanthrene-d10	17.06	188	97817	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	124096	0.40	ng		0.00
34) Perylene-d12	23.47	264	149343	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.32	112	15995	0.21	ng		0.00
5) Phenol-d6	6.88	99	21697	0.23	ng		0.00
8) Nitrobenzene-d5	8.82	82	18669	0.24	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	35946	0.24	ng		-0.02
14) 2,4,6-Tribromophenol	15.80	330	6428	0.23	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	47982	0.23	ng		-0.02
25) Fluoranthene-d10	19.10	212	82849	0.25	ng		-0.01
29) Terphenyl-d14	19.70	244	70861	0.23	ng		-0.02
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.01	42	23487	2.093	ng	#	67
6) bis(2-Chloroethyl)ether	7.14	93	5451	0.088	ng	#	23
9) Naphthalene	10.49	128	23712	0.096	ng		95
12) 2-Methylnaphthalene	12.12	142	20568	0.123	ng		97
16) Acenaphthylene	14.03	152	215985	0.799	ng		99
17) Acenaphthene	14.37	154	110478	0.634	ng		97
18) Fluorene	15.36	166	154314	0.690	ng		97
22) Pentachlorophenol	16.72	266	791	0.033	ng		91
23) Phenanthrene	17.10	178	2634591	8.646	ng		100
24) Anthracene	17.18	178	458106	1.665	ng		97
26) Fluoranthene	19.12	202	4094255	10.806	ng		98
28) Pyrene	19.49	202	3602704	8.512	ng	#	95
30) Benzo(a)anthracene	21.24	228	1791042	3.919	ng		97
31) Chrysene	21.29	228	1890457	4.245	ng		97
32) Bis(2-ethylhexyl)phthalate	21.18	149	123535	0.526	ng		99
33) Indeno(1,2,3-cd)pyrene	25.69	276	1278132	2.292	ng	#	95
35) Benzo(b)fluoranthene	22.82	252	2462552	4.750	ng		99
36) Benzo(k)fluoranthene	22.82	252	2462552	4.803	ng		99
37) Benzo(a)pyrene	23.38	252	1679770	3.448	ng		99
38) Dibenzo(a,h)anthracene	25.70	278	304833	0.611	ng	#	93
39) Benzo(g,h,i)perylene	26.38	276	1256652	2.547	ng		98

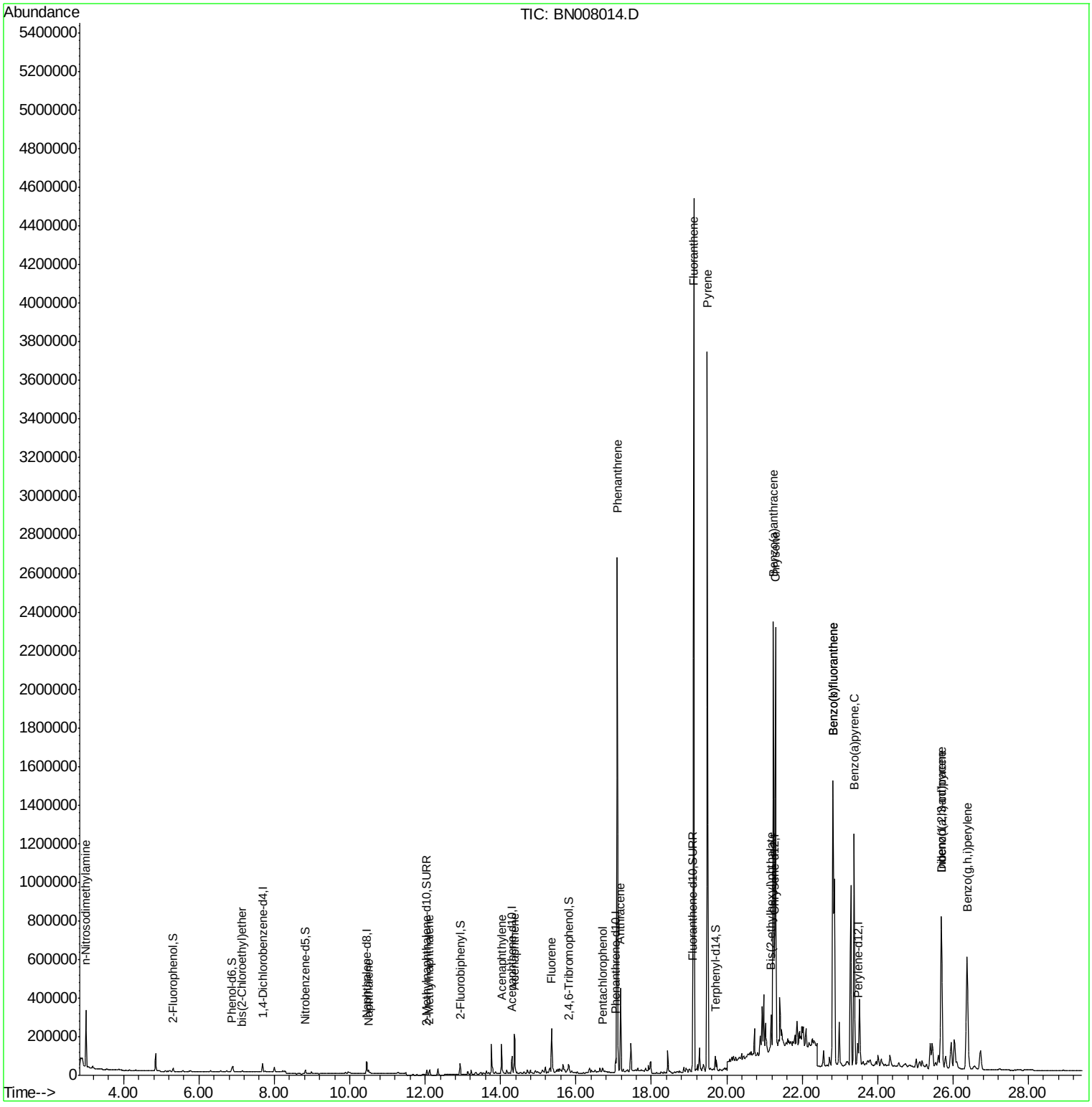
(#) = qualifier out of range (m) = manual integration (+) = signals summed

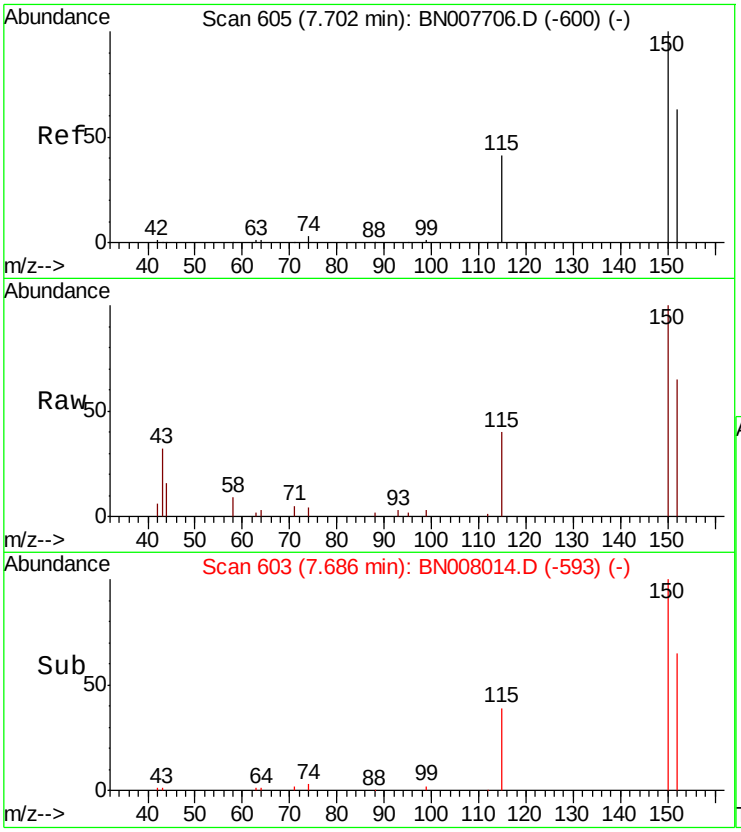
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008014.D
Acq On : 04 Oct 2019 21:34
Operator : JU
Sample : K5078-08RE
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:25:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 03 18:39:49 2019
Response via : Initial Calibration



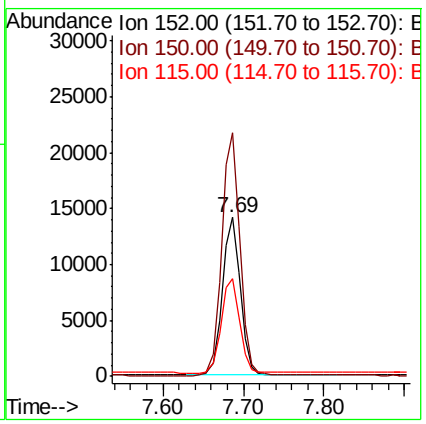


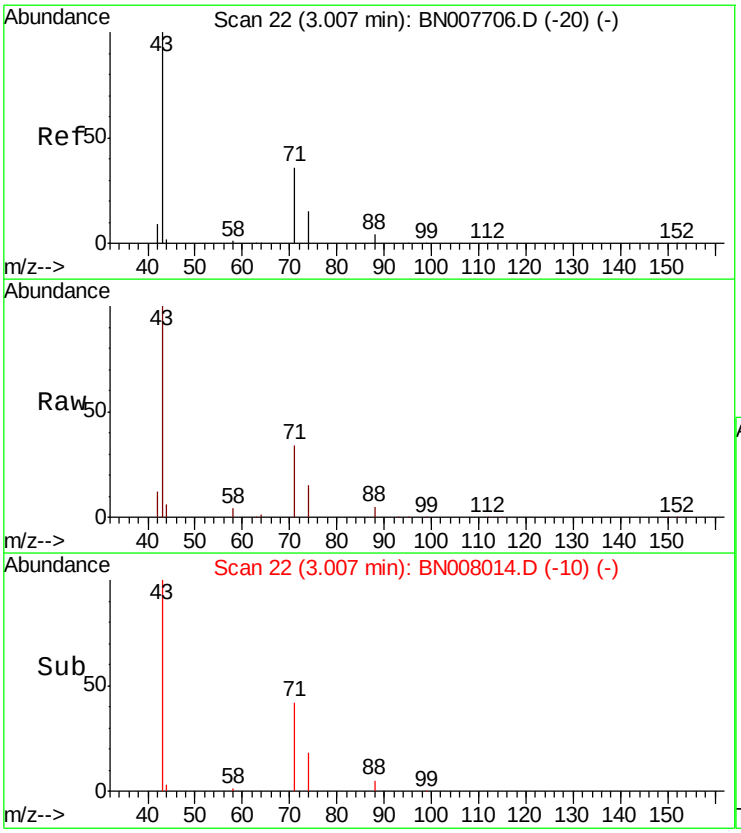
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 21978

Ion	Ratio	Lower	Upper
152	100		
150	153.3	125.6	188.4
115	61.6	53.3	79.9

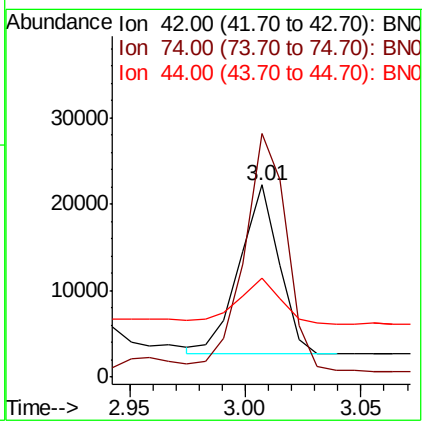


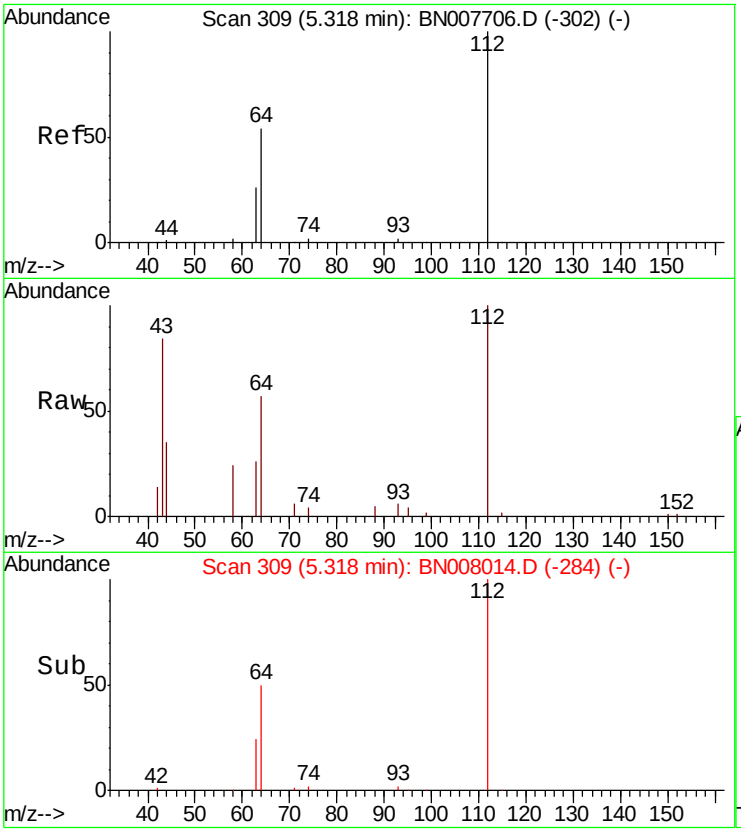


#3
n-Nitrosodimethylamine
Concen: 2.093 ng
RT: 3.01 min Scan# 22
Delta R.T. 0.00 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion: 42 Resp: 23487

Ion	Ratio	Lower	Upper
42	100		
74	151.8	87.9	131.9#
44	28.7	29.4	44.0#



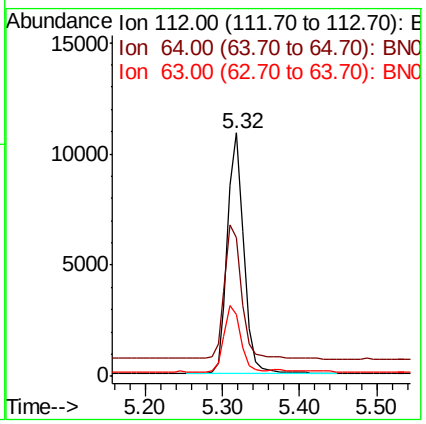


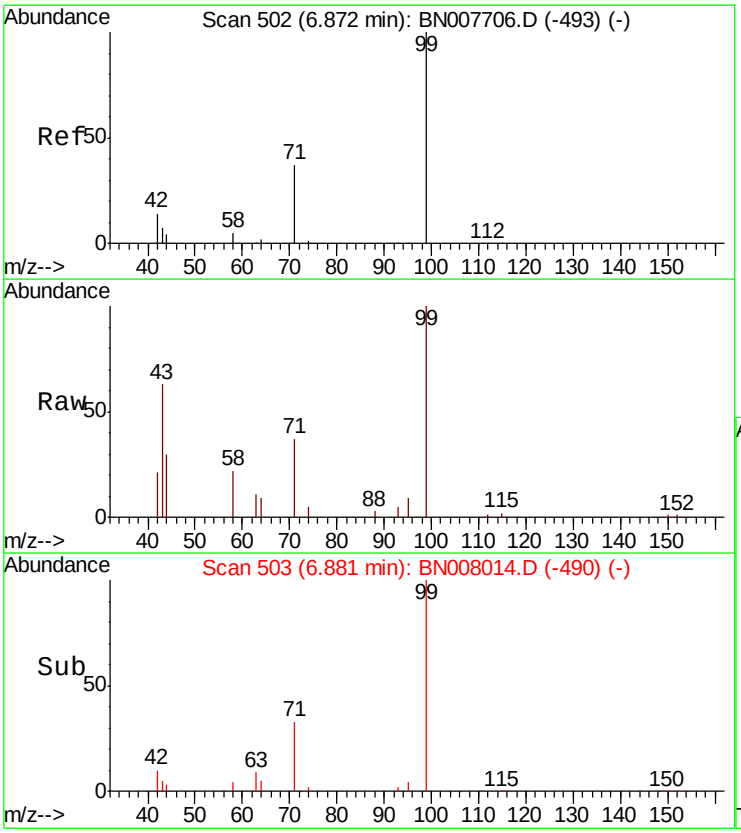
#4
2-Fluorophenol
Concen: 0.211 ng
RT: 5.32 min Scan# 309
Delta R.T. 0.00 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 15995

Ion	Ratio	Lower	Upper
112	100		
64	58.7	46.6	70.0
63	27.9	23.1	34.7

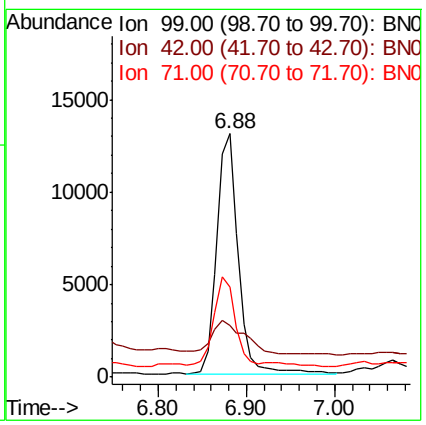


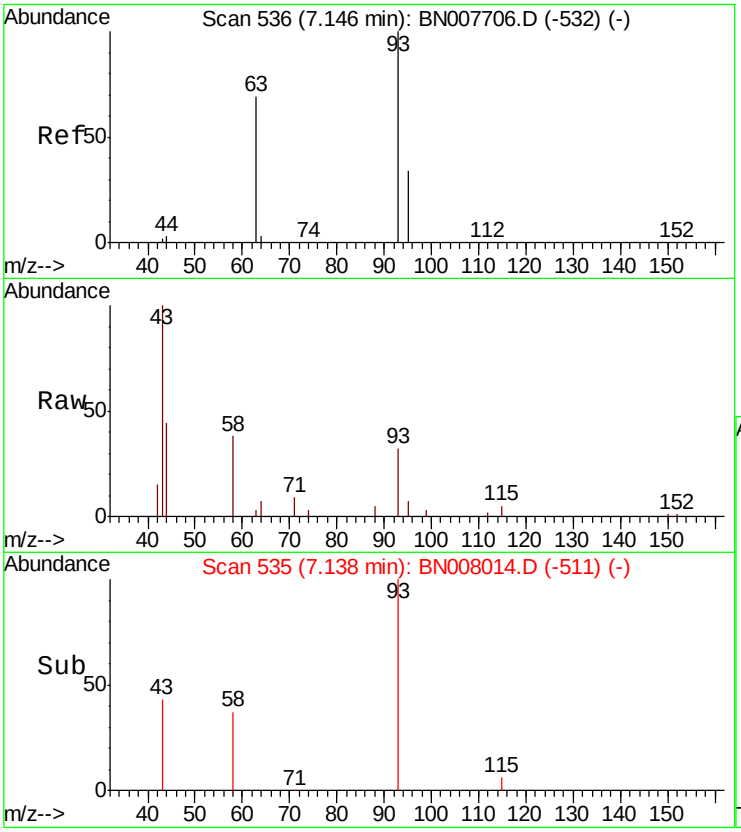


#5
Phenol-d6
Concen: 0.227 ng
RT: 6.88 min Scan# 503
Delta R.T. 0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion: 99 Resp: 21697

Ion	Ratio	Lower	Upper
99	100		
42	23.1	12.8	19.2#
71	35.1	27.6	41.4



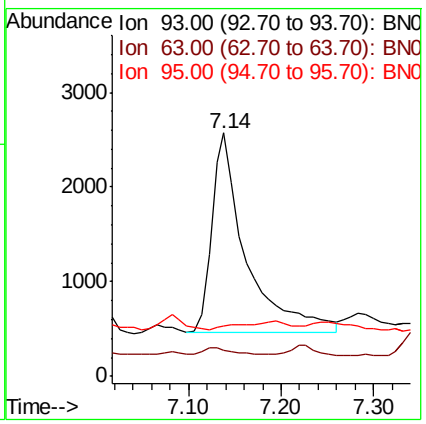


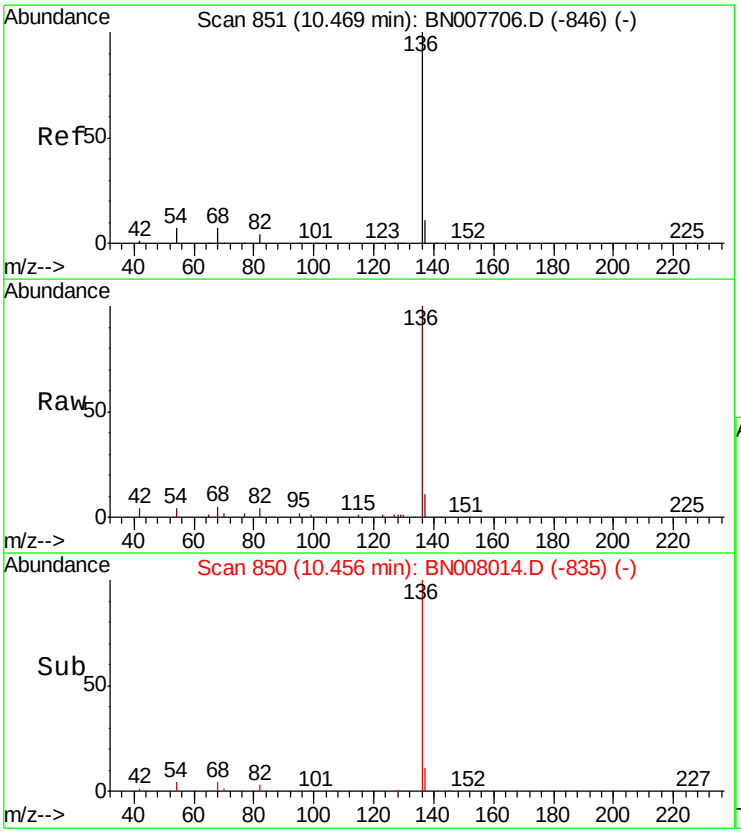
#6
bis(2-Chloroethyl)ether
Concen: 0.088 ng
RT: 7.14 min Scan# 535
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 93 Resp: 5451

Ion	Ratio	Lower	Upper
93	100		
63	3.2	59.3	88.9#
95	0.0	31.4	47.0#

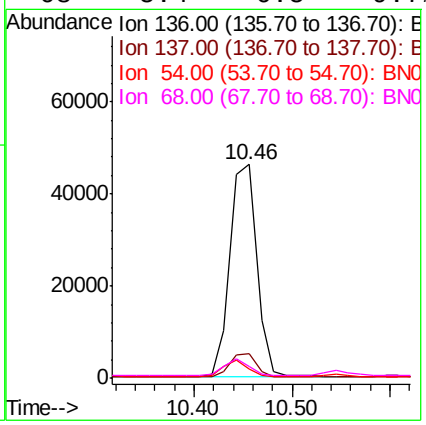


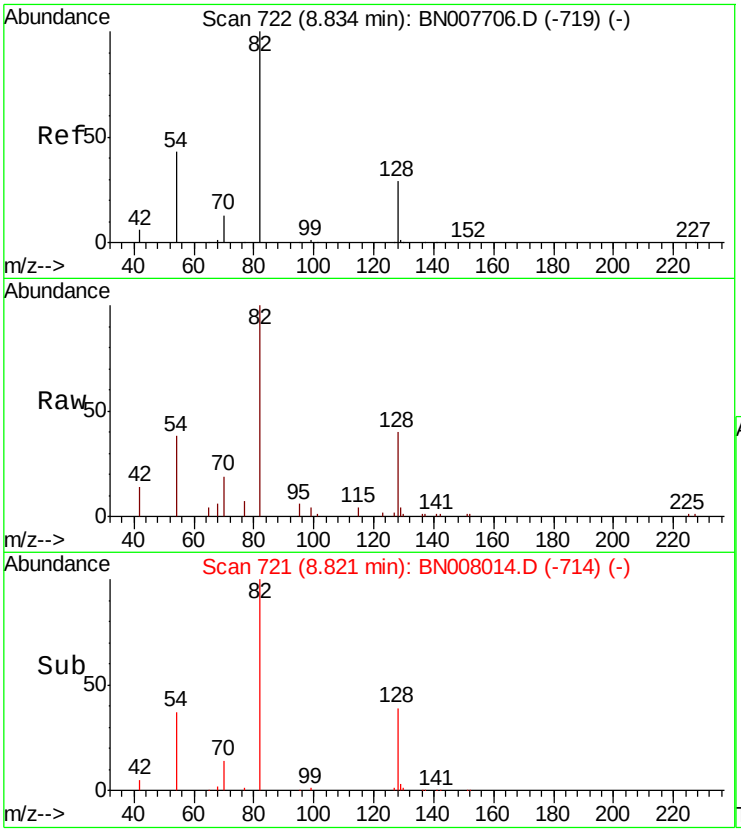


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:136 Resp: 88436

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	4.3	5.8	8.8#
68	5.4	6.5	9.7#



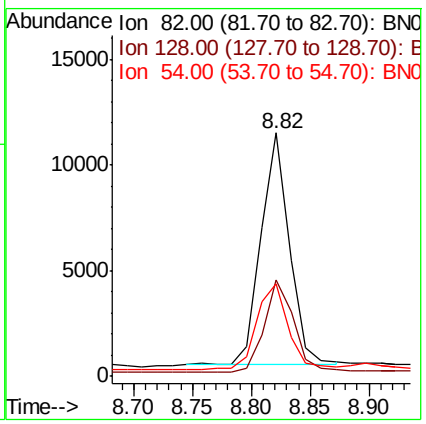


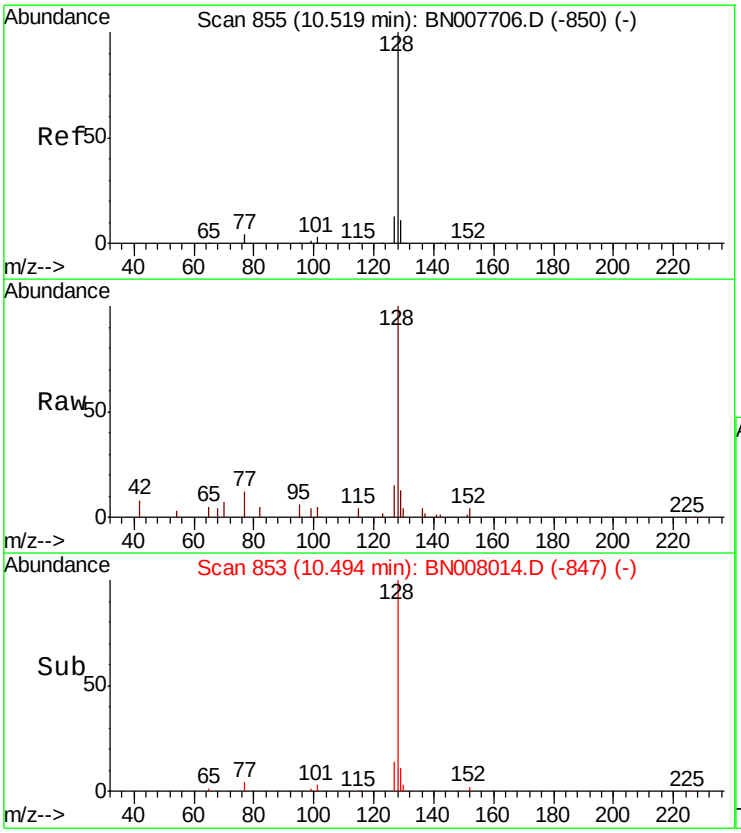
#8
Nitrobenzene-d5
Concen: 0.241 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 82 Resp: 18669

Ion	Ratio	Lower	Upper
82	100		
128	39.7	24.5	36.7#
54	38.0	35.2	52.8

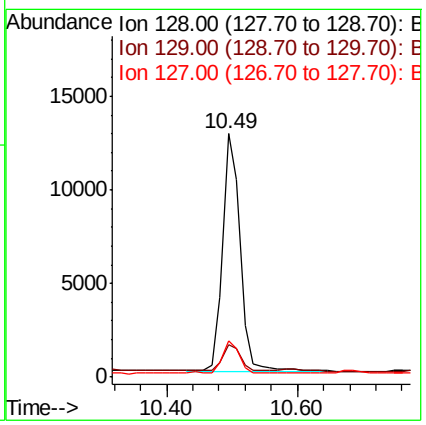


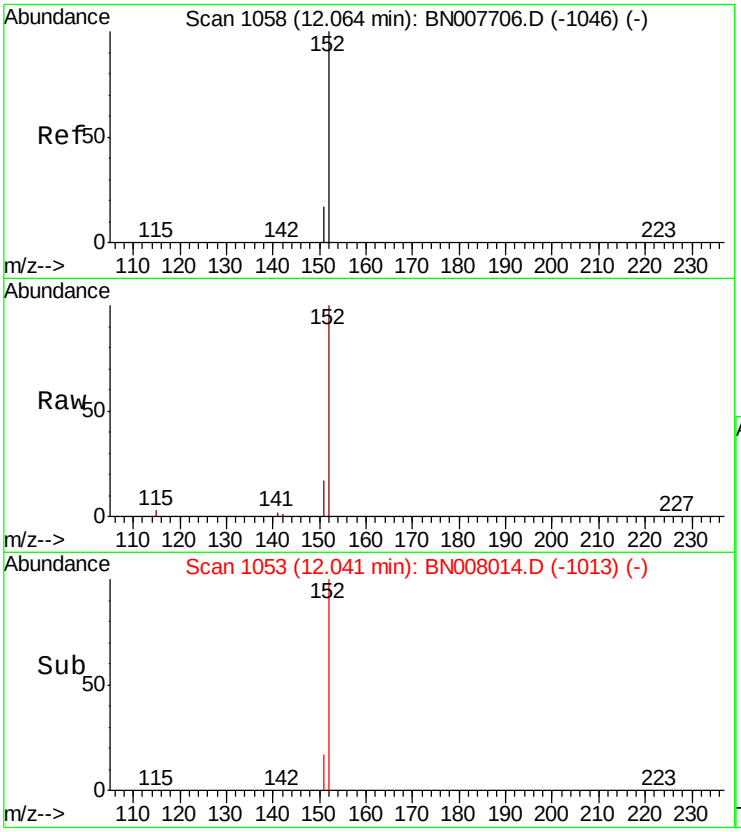


#9
Naphthalene
Concen: 0.096 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:128 Resp: 23712

Ion	Ratio	Lower	Upper
128	100		
129	13.3	9.1	13.7
127	14.9	10.6	15.8



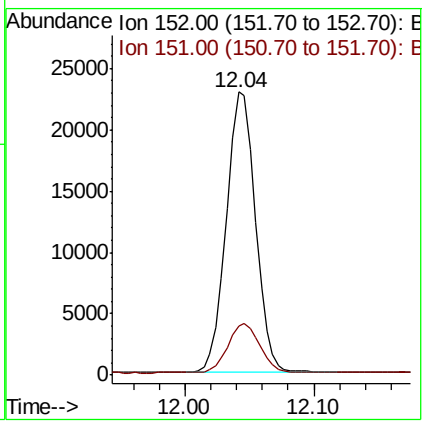


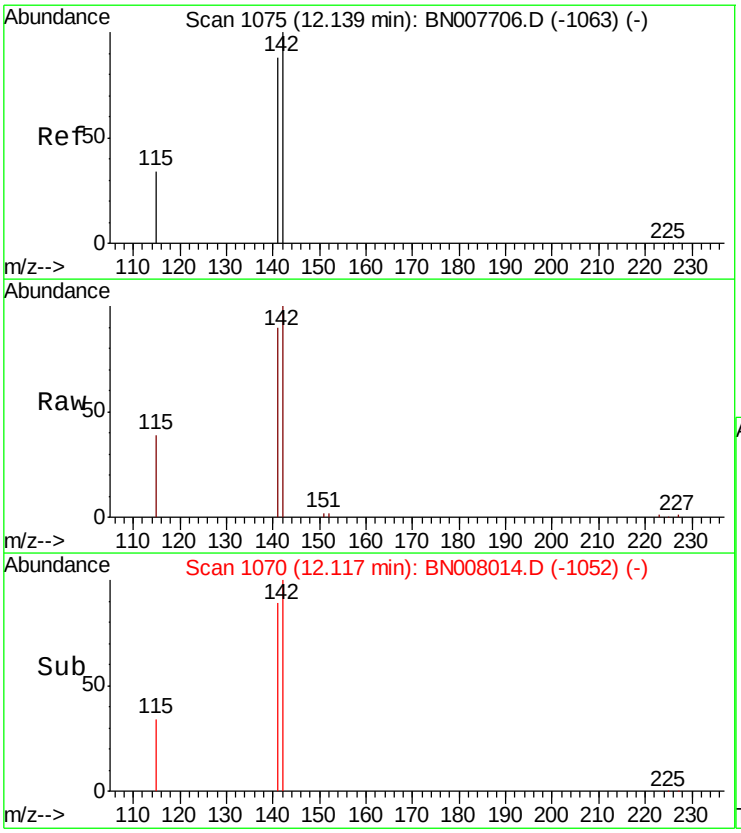
#11
2-Methylnaphthalene-d10
Concen: 0.241 ng
RT: 12.04 min Scan# 1053
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 35946

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.4	23.2

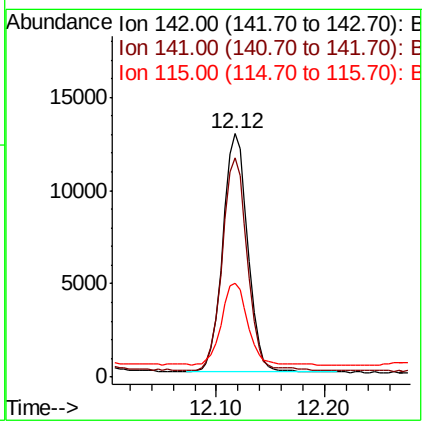


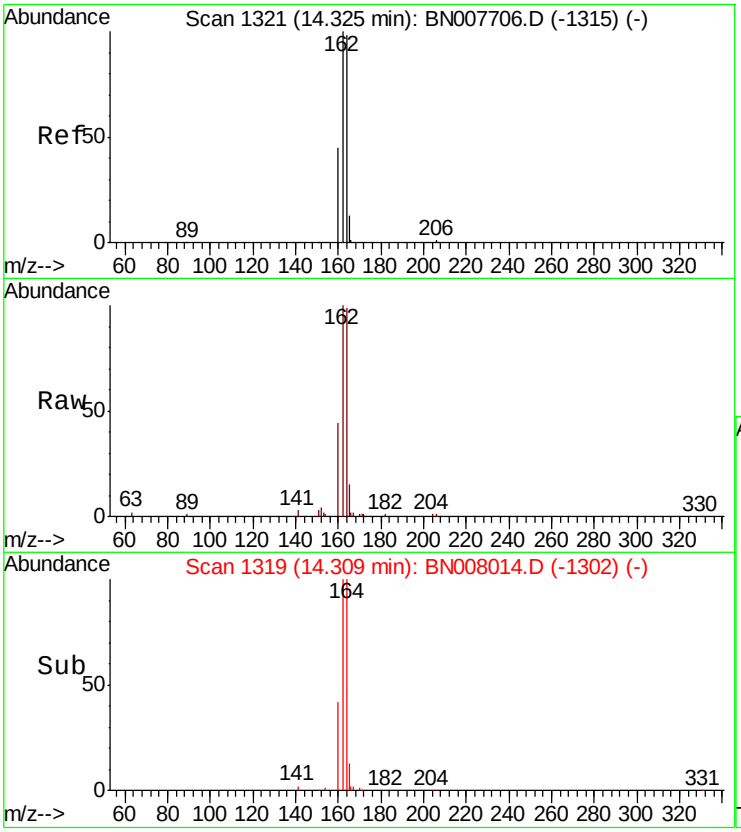


#12
2-Methylnaphthalene
Concen: 0.123 ng
RT: 12.12 min Scan# 1070
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:142 Resp: 20568

Ion	Ratio	Lower	Upper
142	100		
141	89.8	70.6	106.0
115	38.8	28.3	42.5



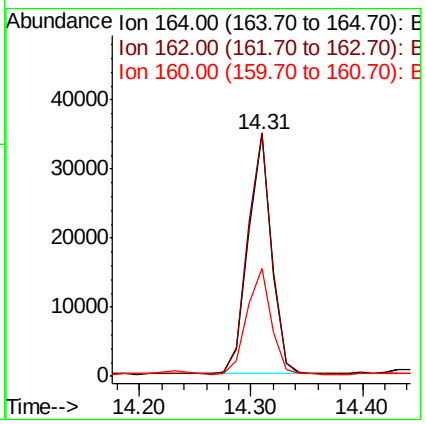


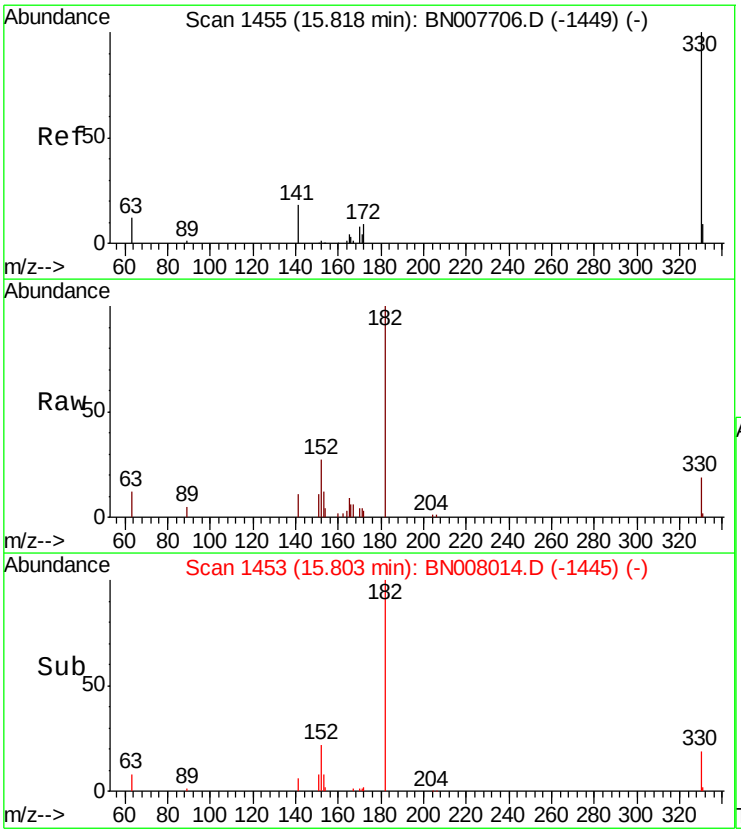
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 51001

Ion	Ratio	Lower	Upper
164	100		
162	100.5	81.7	122.5
160	44.4	37.0	55.4

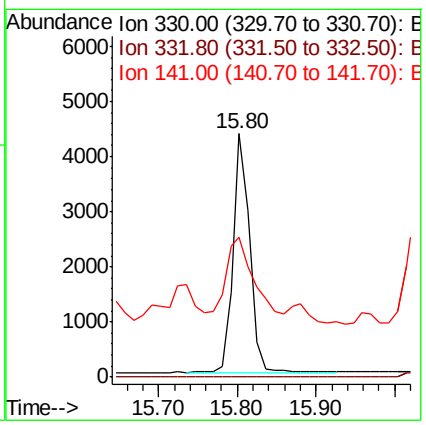


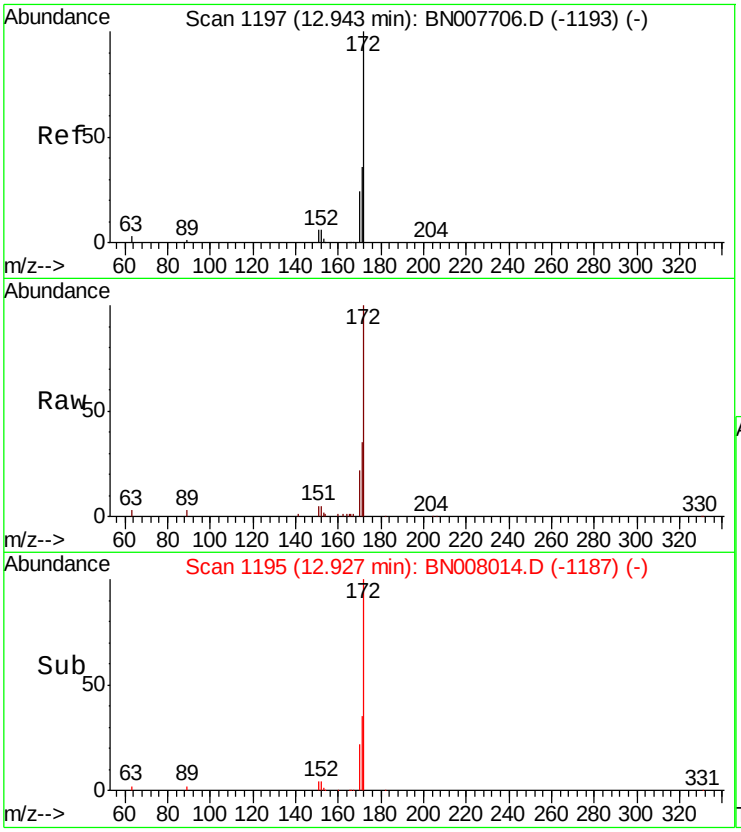


#14
2,4,6-Tribromophenol
Concen: 0.231 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:330 Resp: 6428

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	52.9	28.7	43.1#



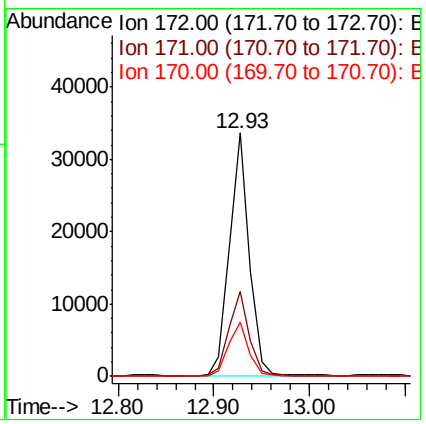


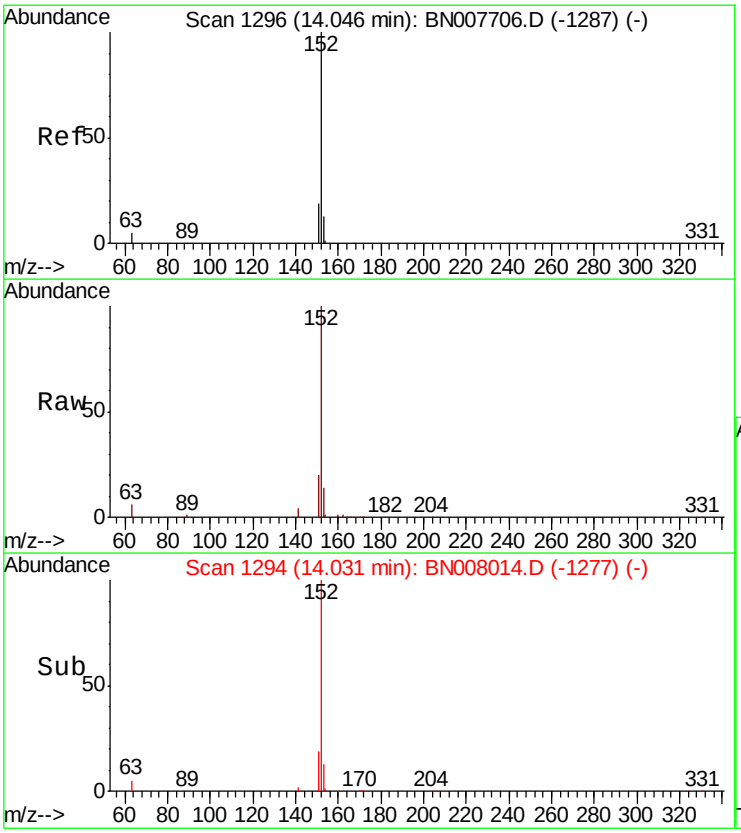
#15
2-Fluorobiphenyl
Concen: 0.228 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 47982

Ion	Ratio	Lower	Upper
172	100		
171	34.8	28.8	43.2
170	22.4	19.5	29.3

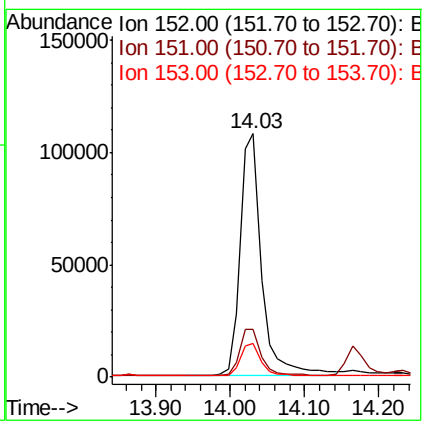


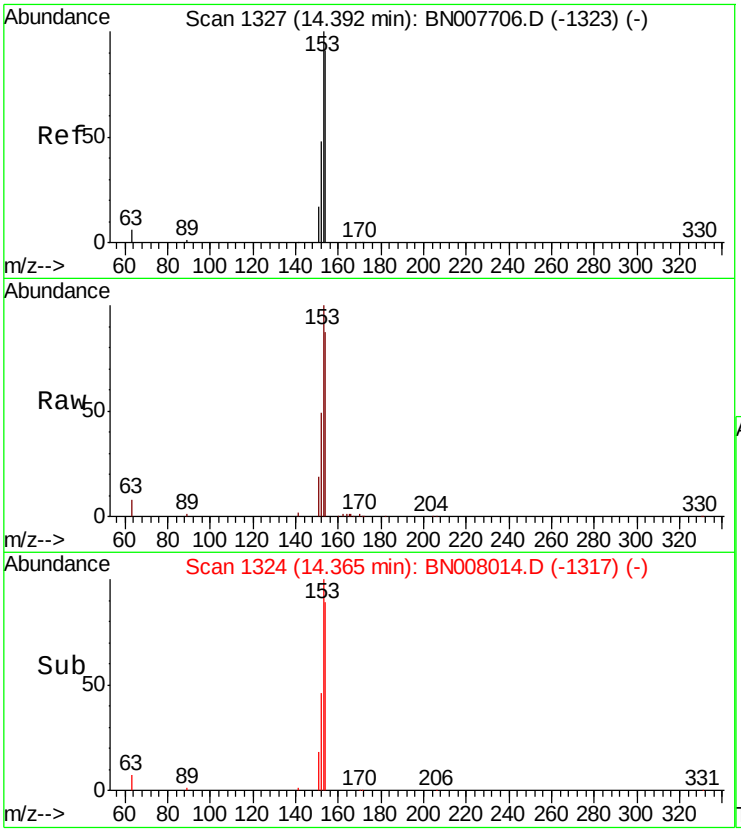


#16
Acenaphthylene
Concen: 0.799 ng
RT: 14.03 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:152 Resp: 215985

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.5	23.3
153	13.2	10.4	15.6



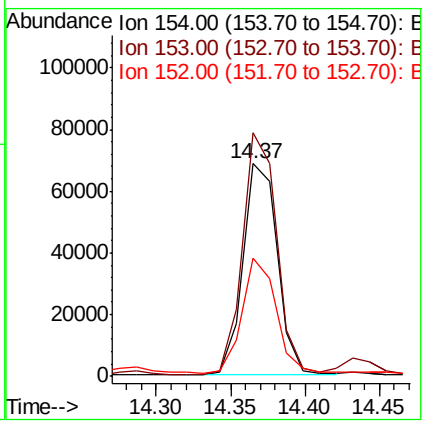


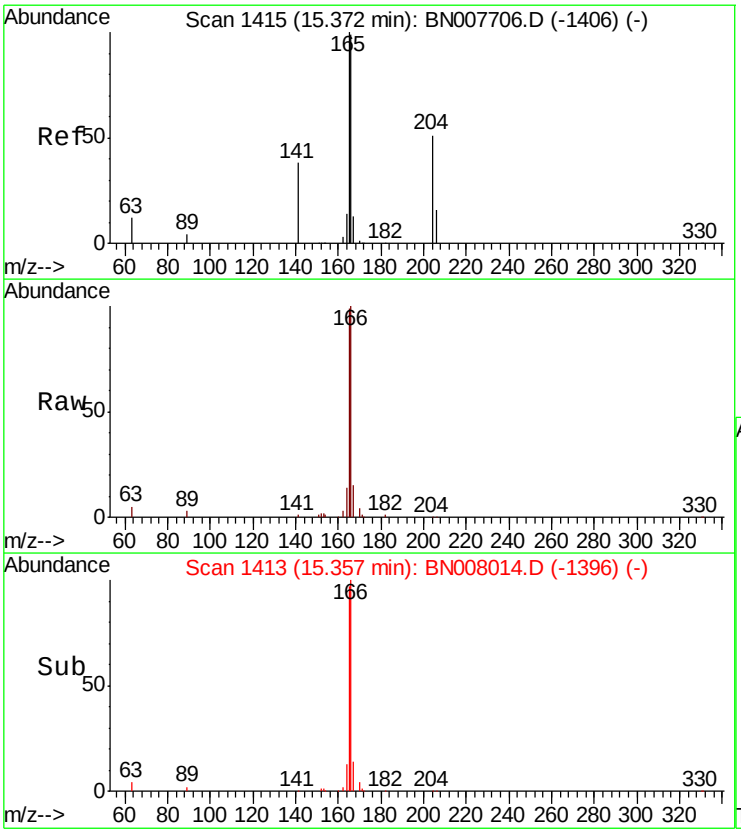
#17
Acenaphthene
Concen: 0.634 ng
RT: 14.37 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 110478

Ion	Ratio	Lower	Upper
154	100		
153	113.0	87.0	130.4
152	53.1	42.7	64.1

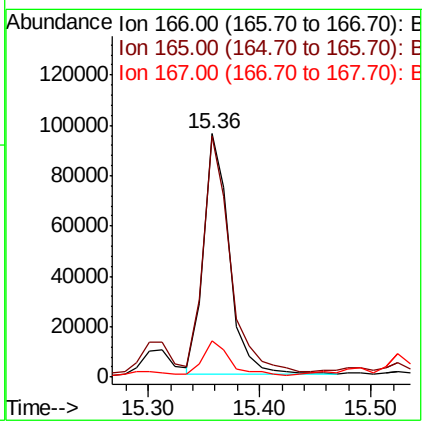


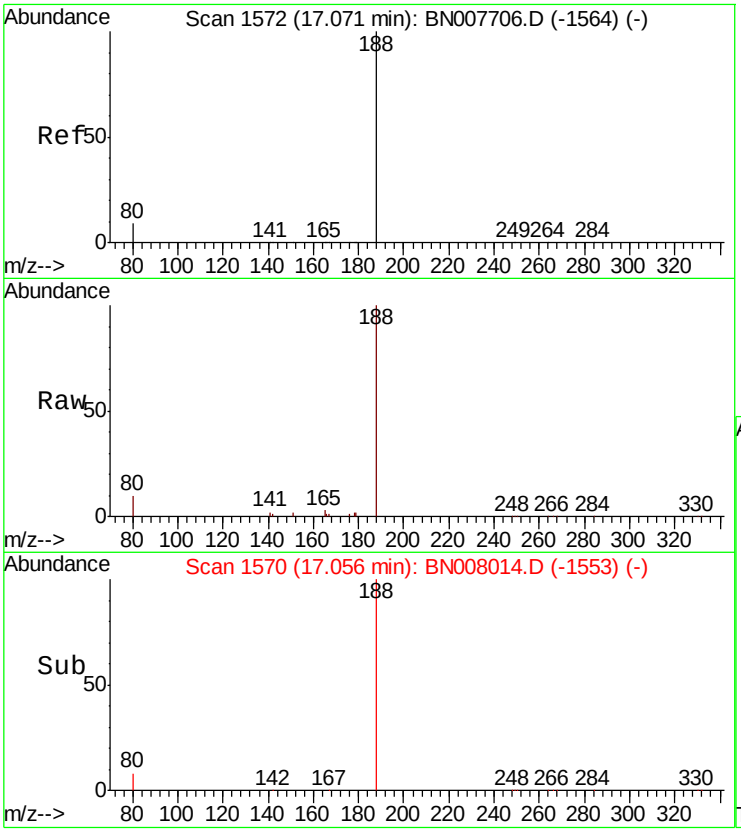


#18
Fluorene
Concen: 0.690 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:166 Resp: 154314

Ion	Ratio	Lower	Upper
166	100		
165	100.8	78.0	117.0
167	15.0	10.9	16.3



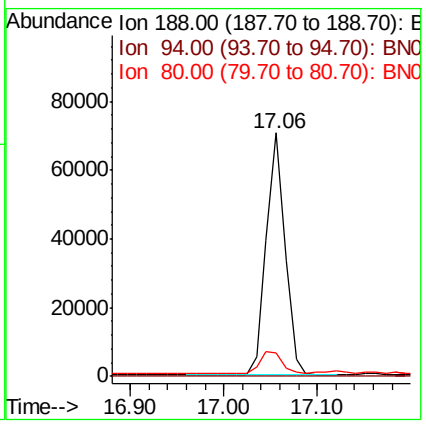


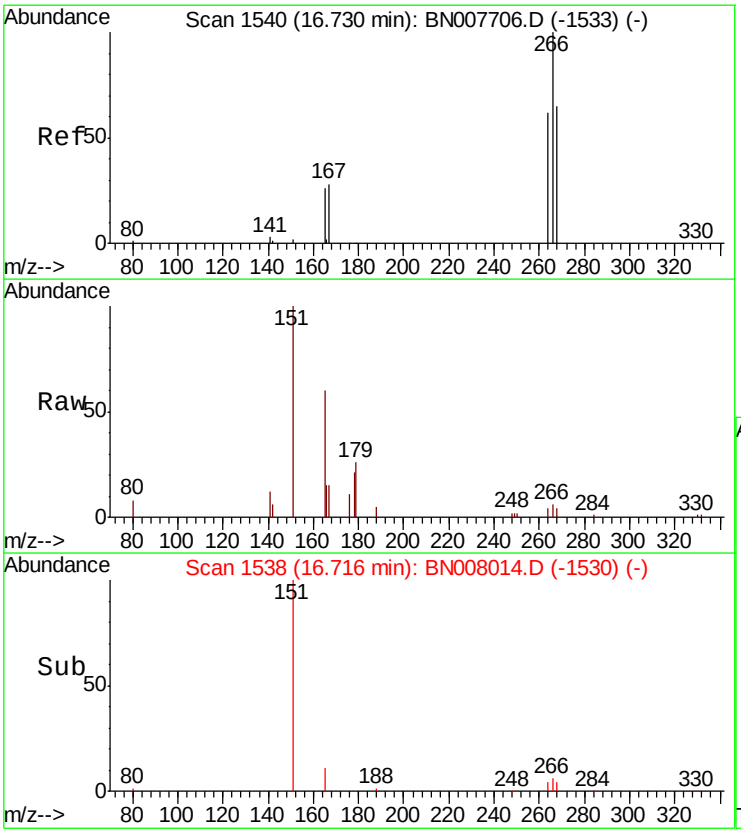
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 97817

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.8	7.4	11.2

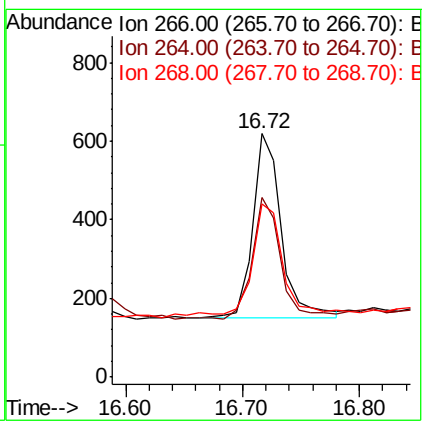


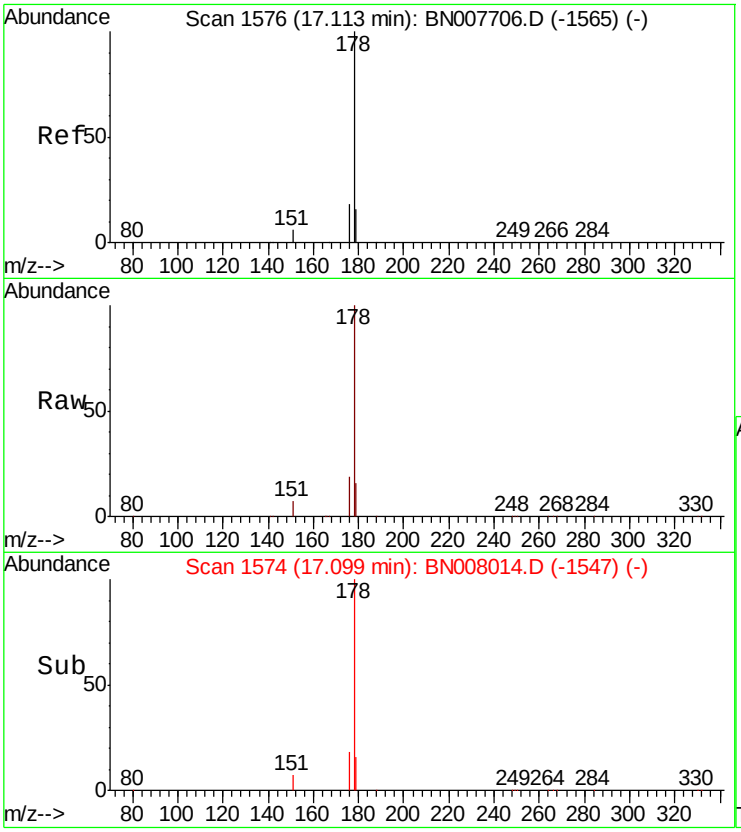


#22
Pentachlorophenol
Concen: 0.033 ng
RT: 16.72 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:266 Resp: 791

Ion	Ratio	Lower	Upper
266	100		
264	73.7	50.0	75.0
268	71.1	54.2	81.4



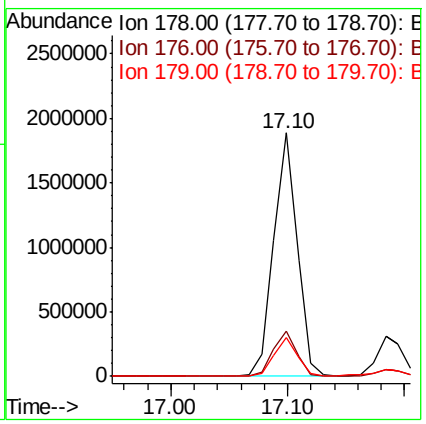


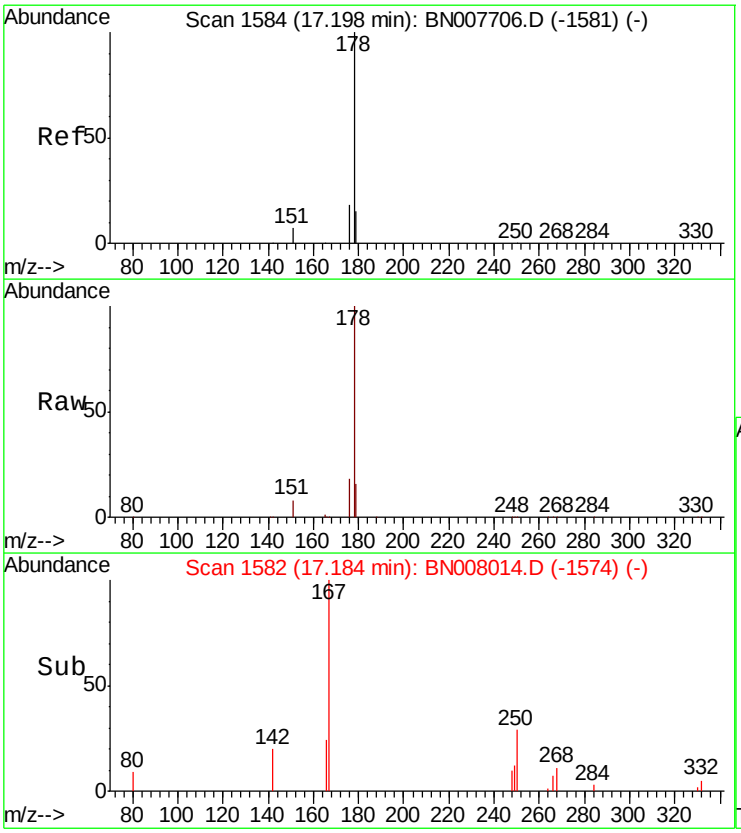
#23
Phenanthrene
Concen: 8.646 ng
RT: 17.10 min Scan# 1574
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2634591

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.9	12.5	18.7

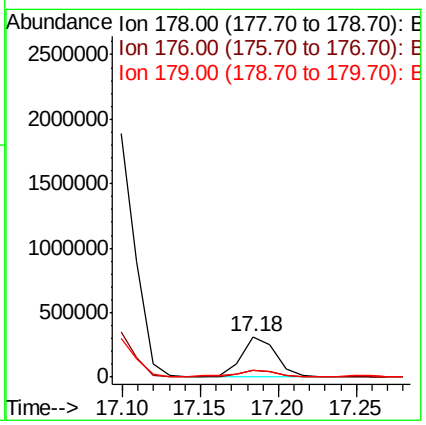


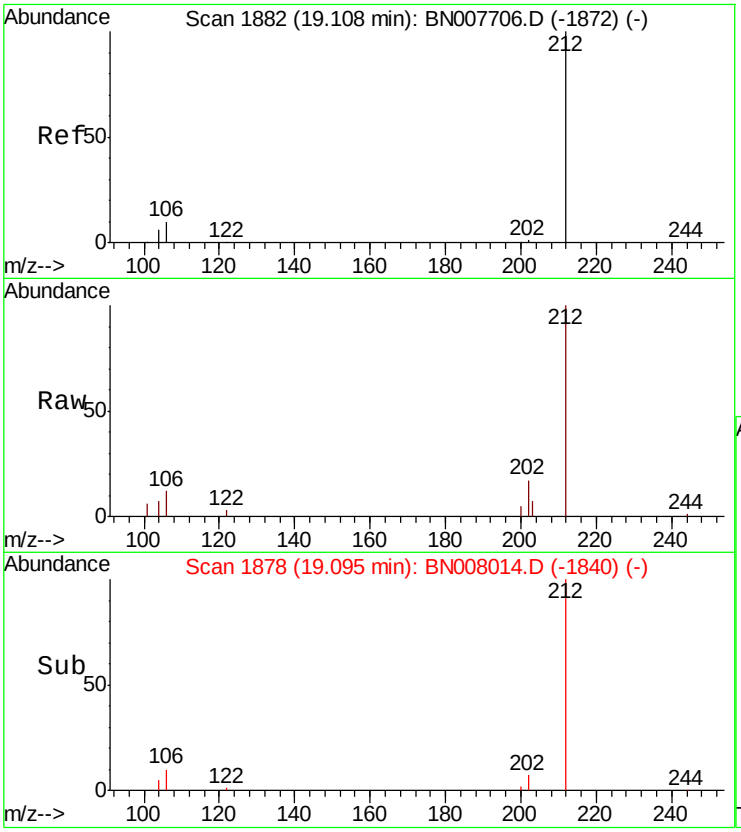


#24
Anthracene
Concen: 1.665 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:178 Resp: 458106

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.6	21.8
179	17.9	12.2	18.4



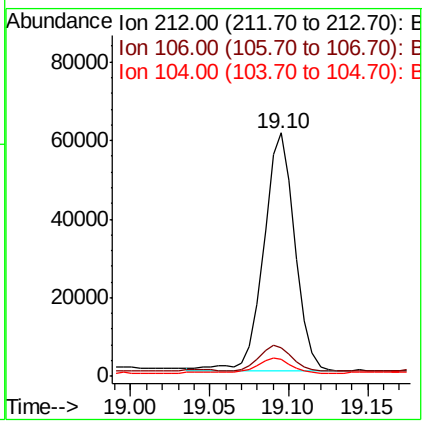


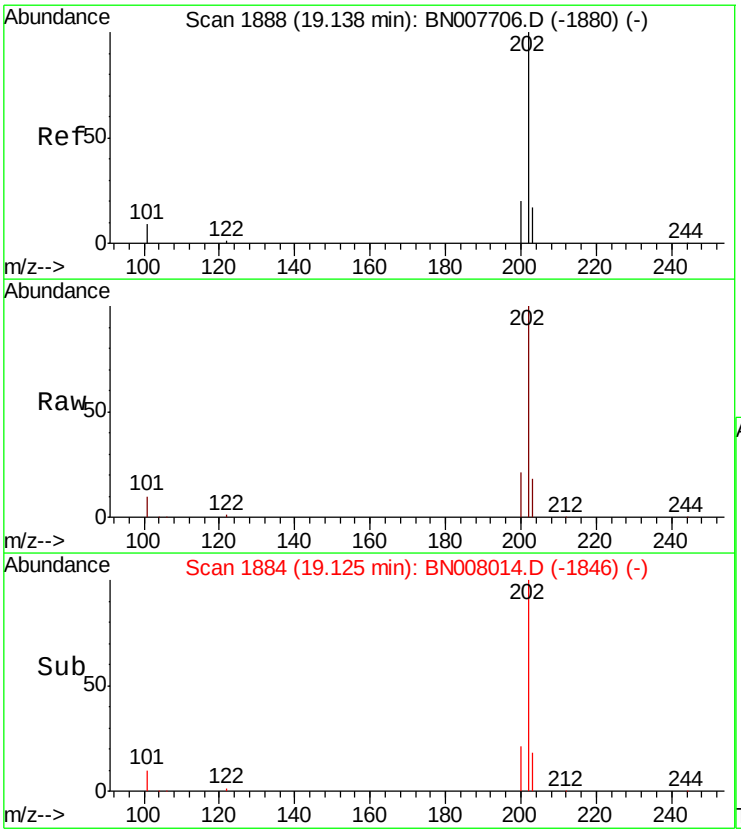
#25
Fluoranthene-d10
Concen: 0.251 ng
RT: 19.10 min Scan# 1878
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 82849

Ion	Ratio	Lower	Upper
212	100		
106	10.6	9.4	14.0
104	7.0	5.3	7.9

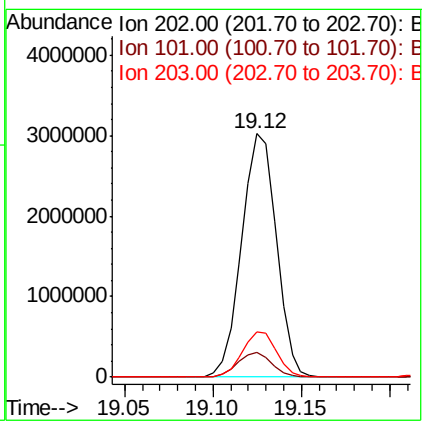


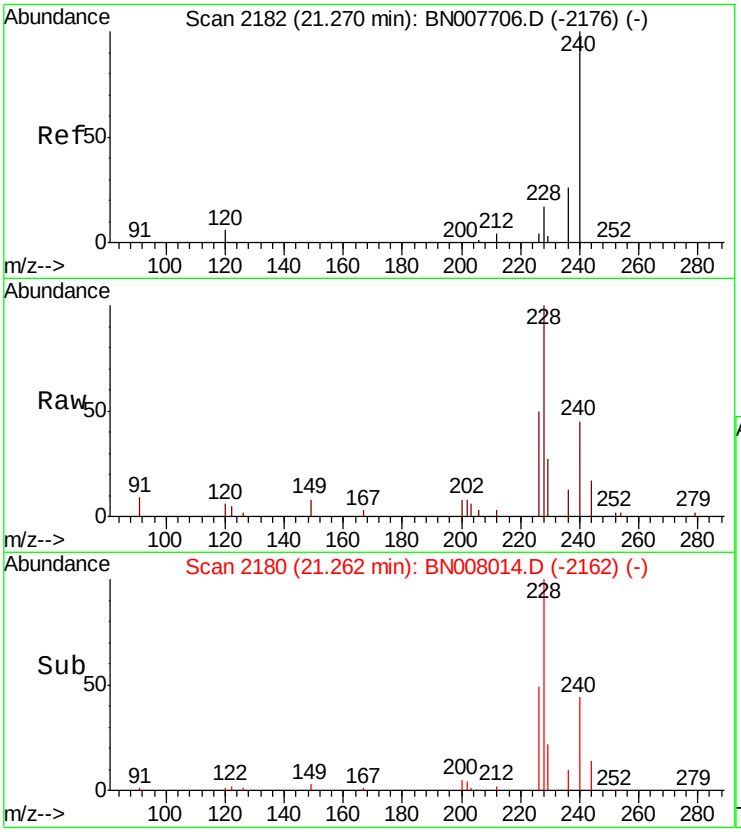


#26
Fluoranthene
Concen: 10.806 ng
RT: 19.12 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:202 Resp: 4094255

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
203	18.2	13.8	20.8



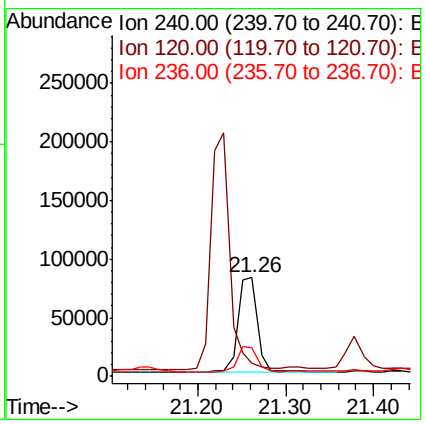


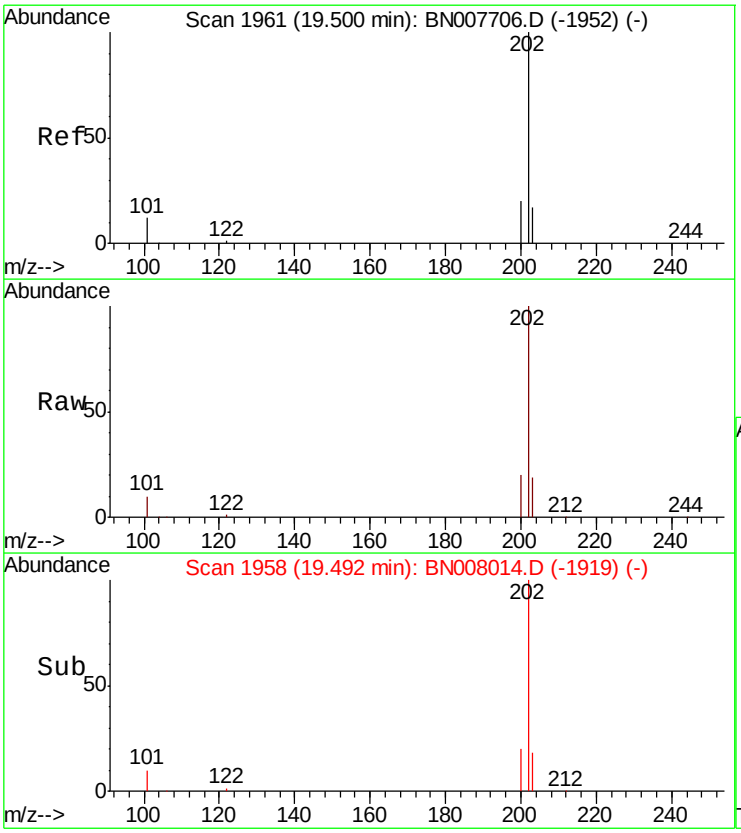
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 124096

Ion	Ratio	Lower	Upper
240	100		
120	13.3	5.4	8.2#
236	29.0	21.0	31.4

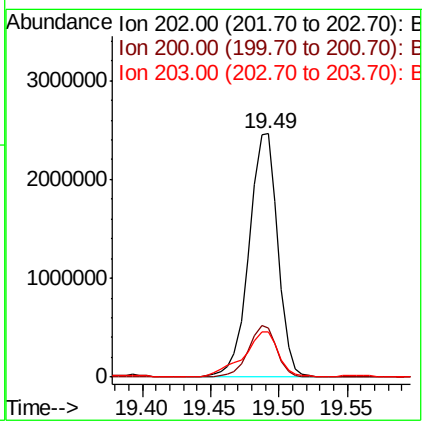


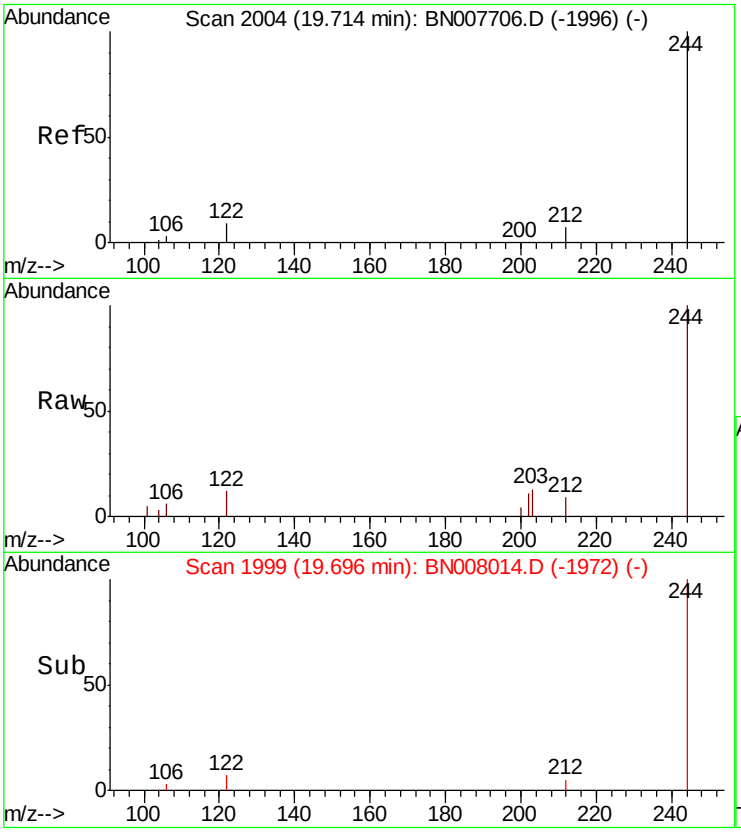


#28
Pyrene
Concen: 8.512 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:202 Resp: 3602704

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.4	24.6
203	22.1	14.1	21.1#



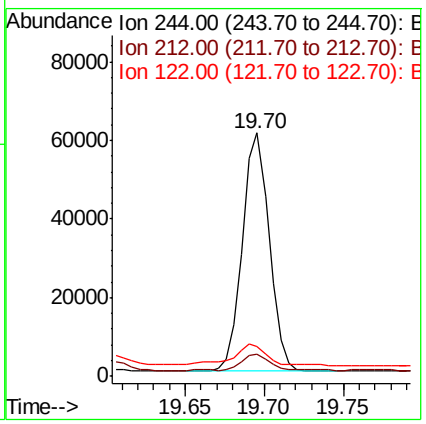


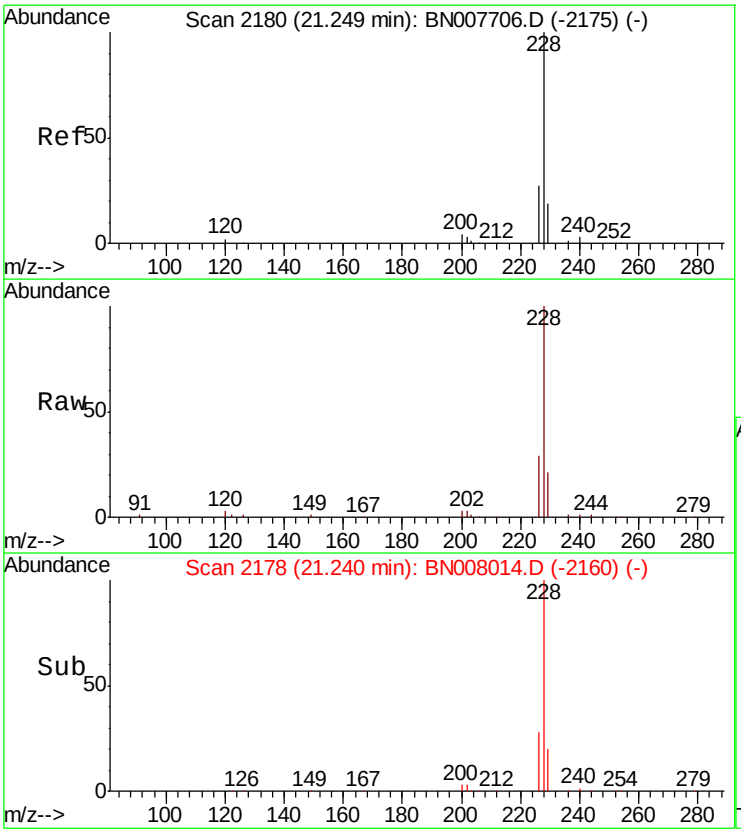
#29
Terphenyl-d14
Concen: 0.232 ng
RT: 19.70 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 70861

Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.9	8.9#
122	12.3	7.4	11.2#

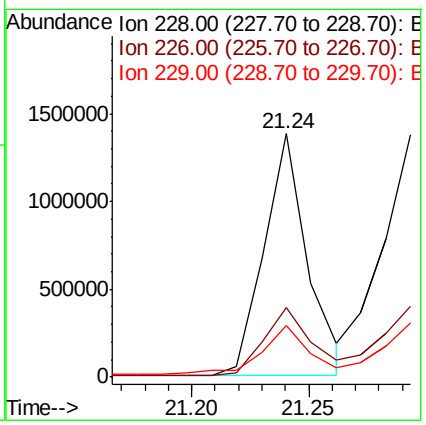


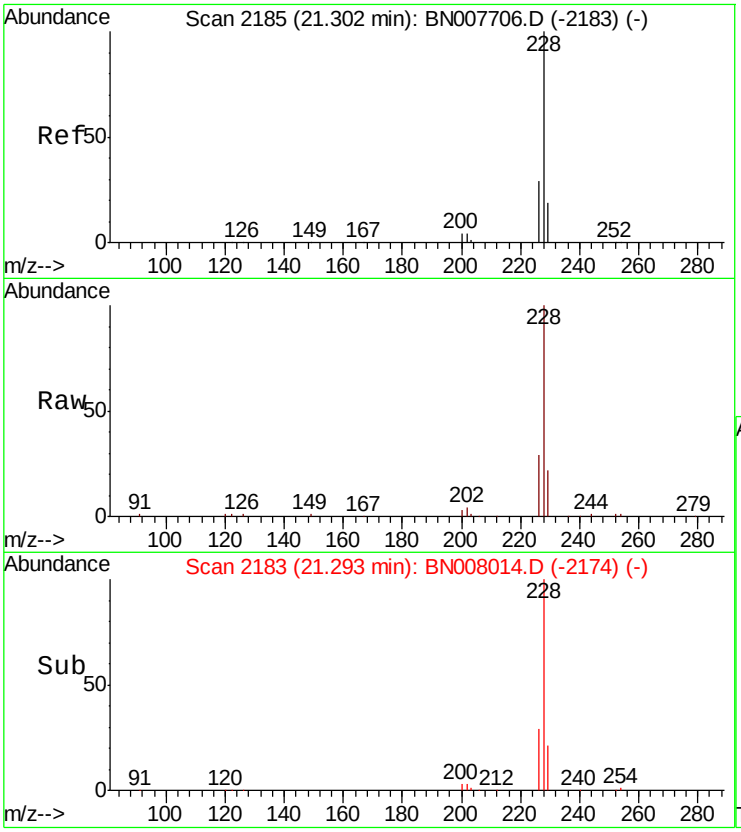


#30
Benzo(a)anthracene
Concen: 3.919 ng
RT: 21.24 min Scan# 2178
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:228 Resp: 1791042

Ion	Ratio	Lower	Upper
228	100		
226	28.8	22.1	33.1
229	21.3	15.8	23.6



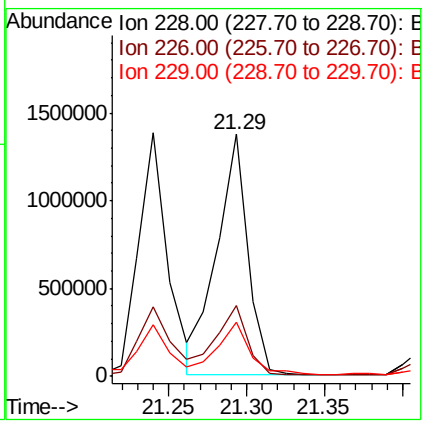


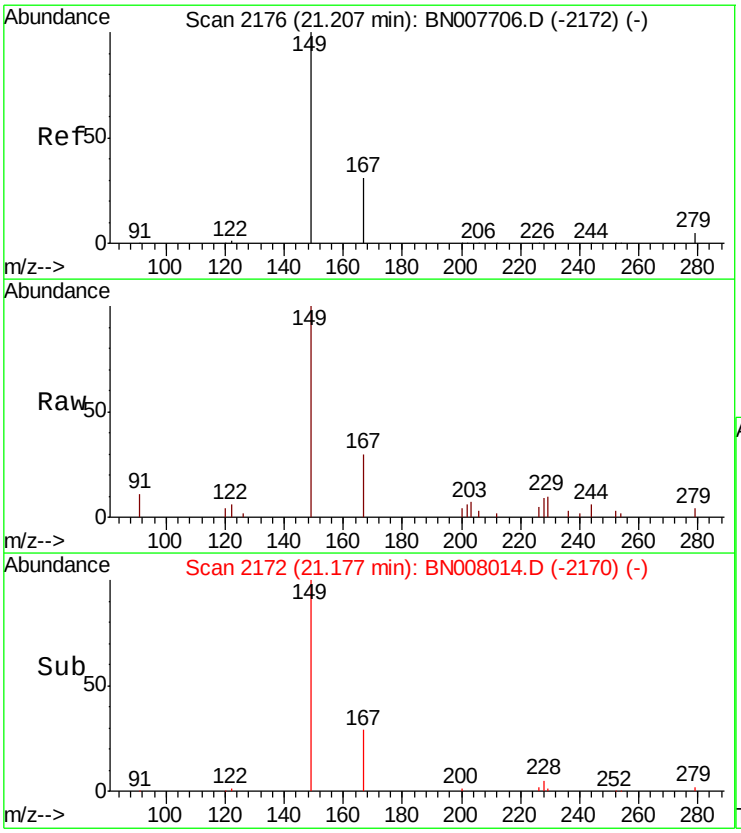
#31
Chrysene
Concen: 4.245 ng
RT: 21.29 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 1890457

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	22.5	15.8	23.6

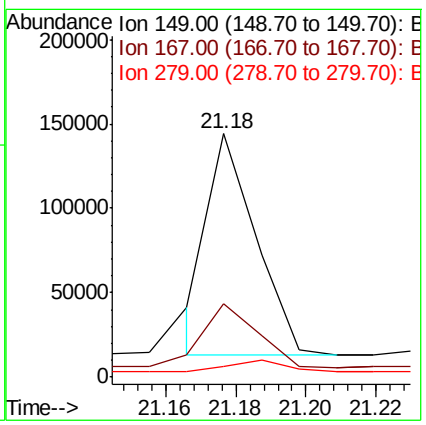


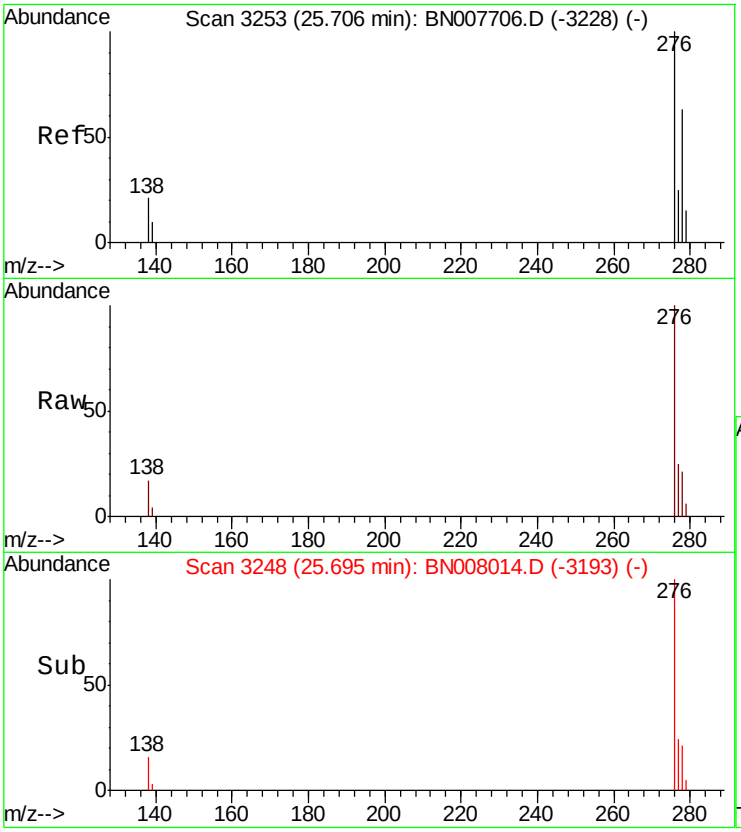


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.526 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:149 Resp: 123535

Ion	Ratio	Lower	Upper
149	100		
167	29.9	23.7	35.5
279	6.2	4.2	6.2



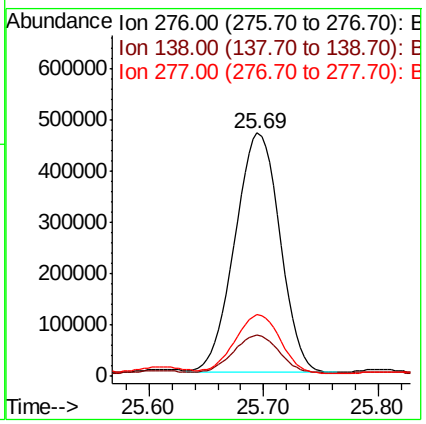


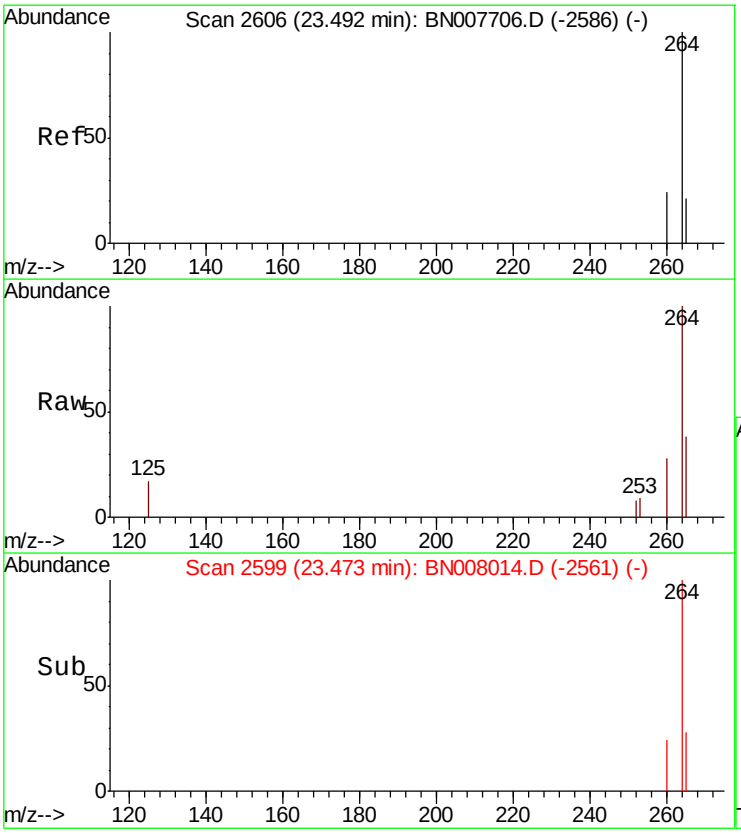
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.292 ng
RT: 25.69 min Scan# 3248
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1278132

Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.1	25.7#
277	24.7	20.0	30.0

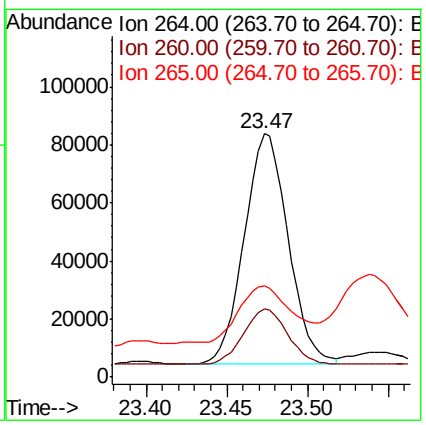


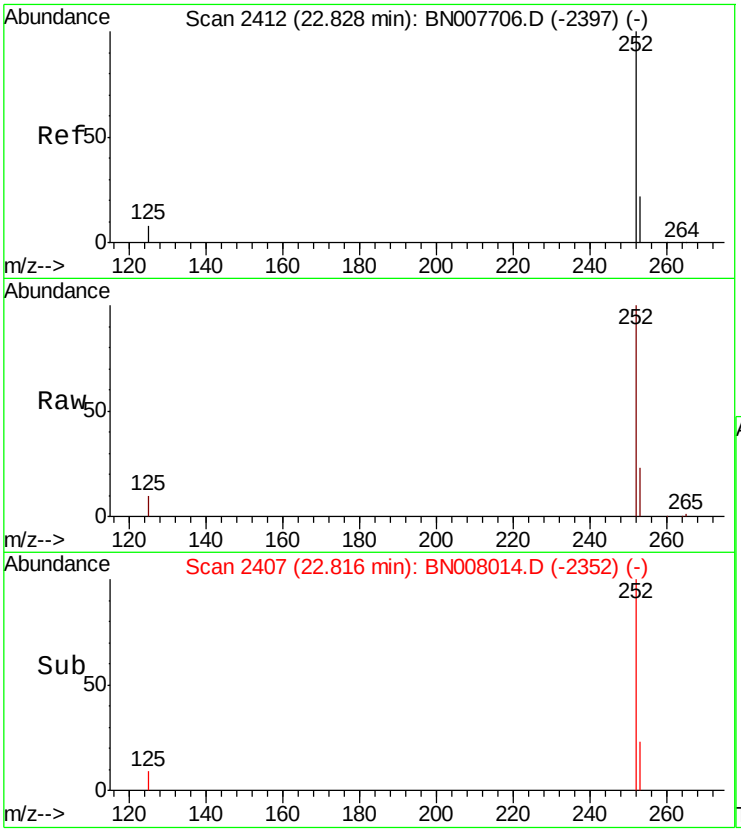


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:264 Resp: 149343

Ion	Ratio	Lower	Upper
264	100		
260	28.0	19.3	28.9
265	37.6	26.9	40.3



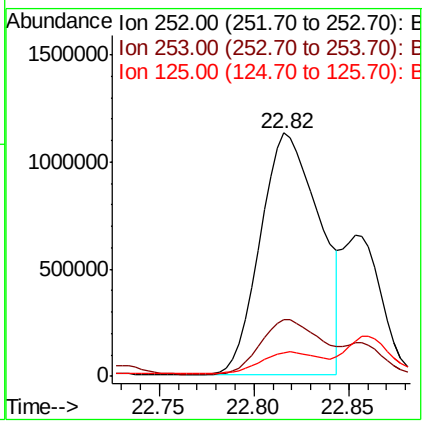


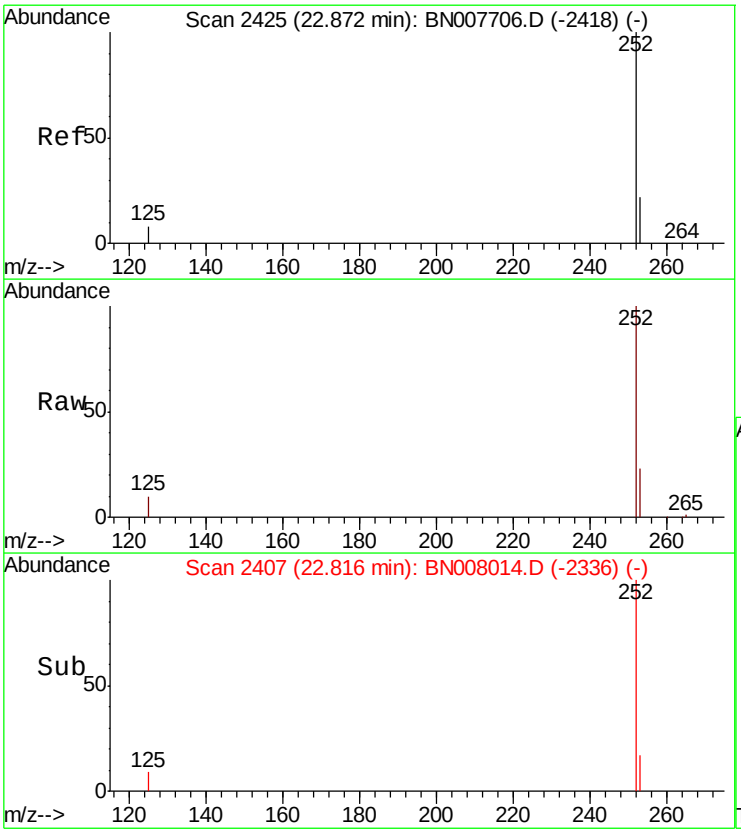
#35
Benzo(b)fluoranthene
Concen: 4.750 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2462552

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.3	27.5
125	9.9	8.2	12.4

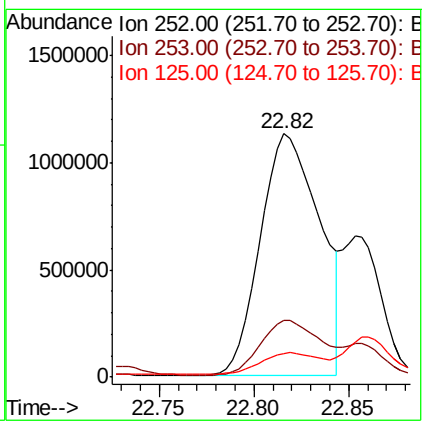


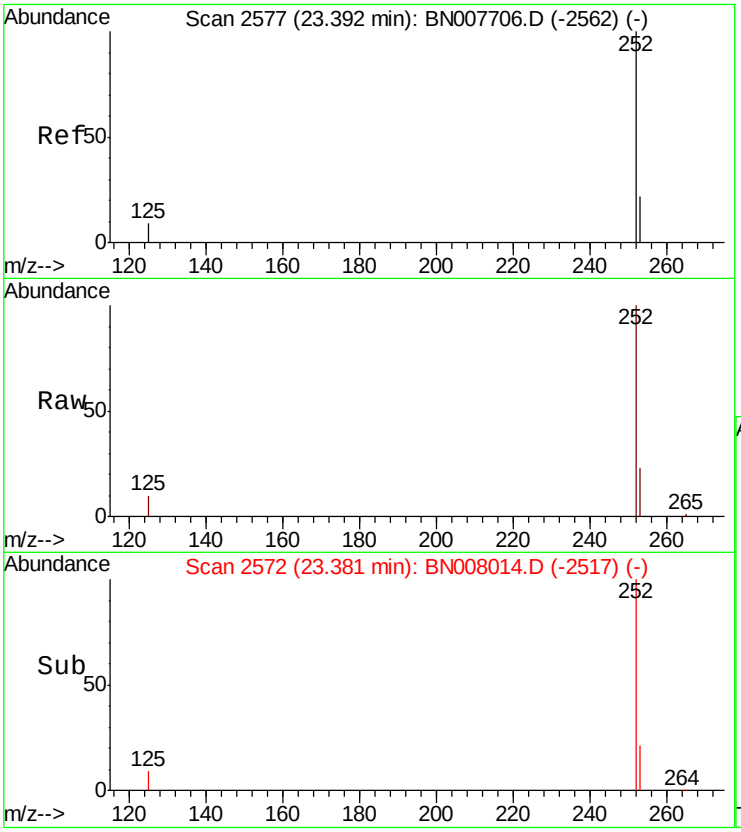


#36
Benzo(k)fluoranthene
Concen: 4.803 ng
RT: 22.82 min Scan# 2407
Delta R.T. -0.06 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:252 Resp: 2462552

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.5	27.7
125	9.9	8.4	12.6



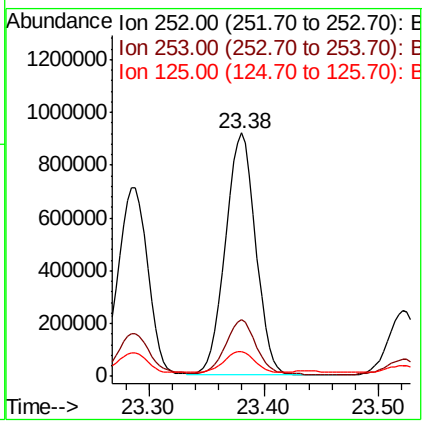


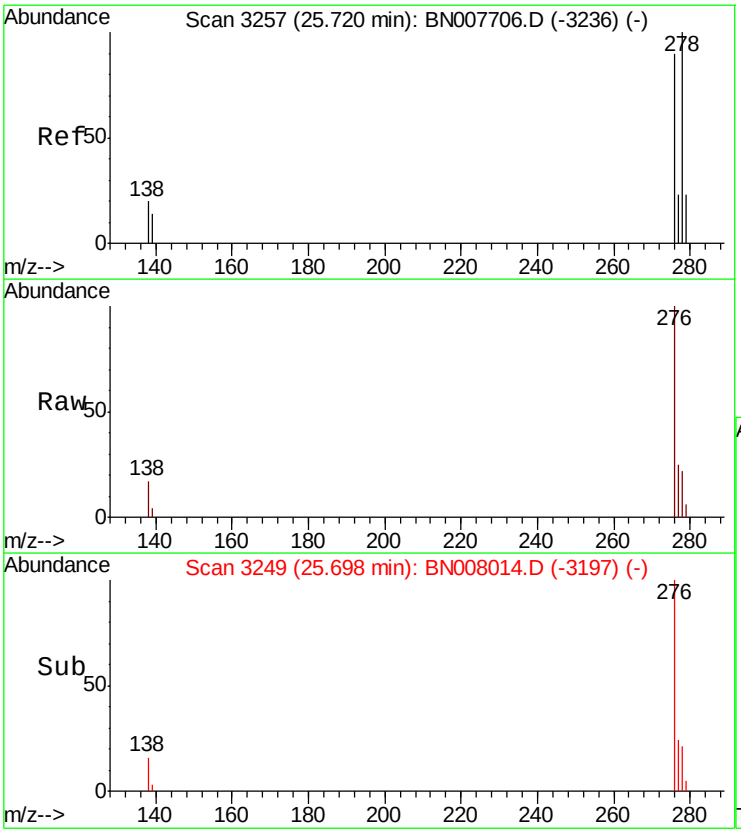
#37
Benzo(a)pyrene
Concen: 3.448 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.01 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 1679770

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.6	27.8
125	10.3	9.4	14.0

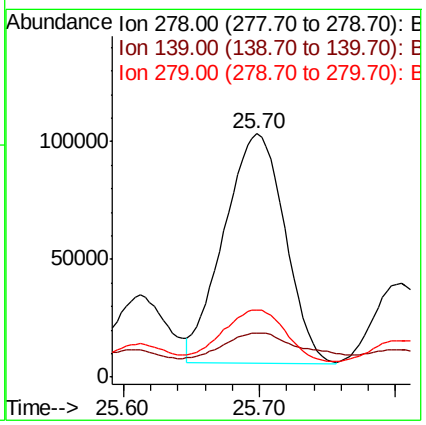


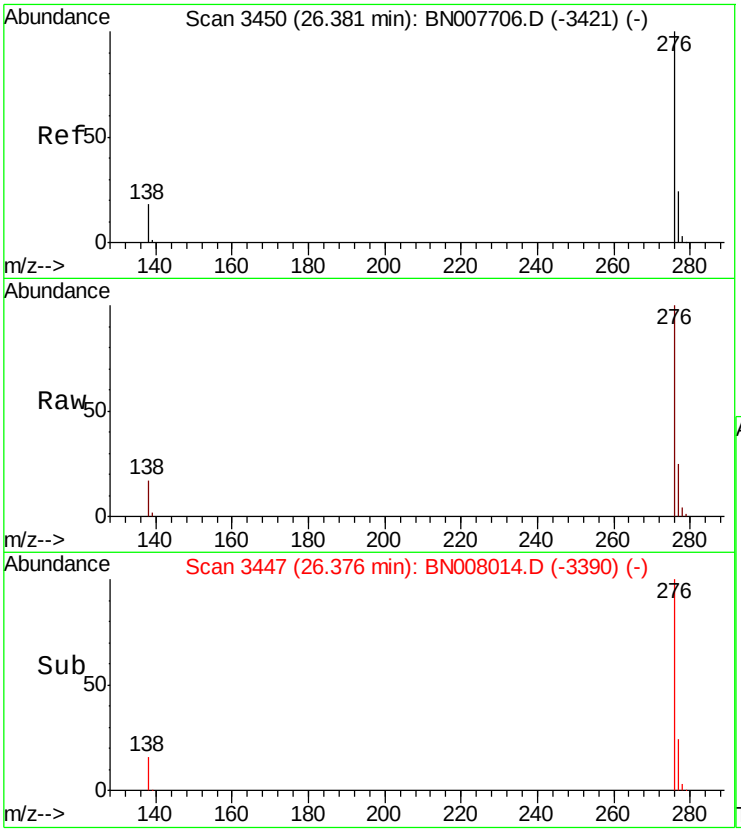


#38
Dibenzo(a,h)anthracene
Concen: 0.611 ng
RT: 25.70 min Scan# 3249
Delta R.T. -0.02 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Tgt Ion:278 Resp: 304833

Ion	Ratio	Lower	Upper
278	100		
139	18.2	11.8	17.6#
279	27.7	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 2.547 ng
RT: 26.38 min Scan# 3447
Delta R.T. -0.00 min
Lab File: BN008014.D
Acq: 04 Oct 2019 21:34

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 1256652

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.8	29.8
138	17.1	15.1	22.7