Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008006.D
Acq On : 04 Oct 2019 16:47
Operator : JU
Sample : PB123468BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:24:36 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	7.68	152	4252	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	16895	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	10368	0.40	ng		-0.03
19) Phenanthrene-d10	17.05	188	21456	0.40	ng		-0.03
27) Chrysene-d12	21.25	240	23410	0.40	ng		-0.02
34) Perylene-d12	23.46	264	25793	0.40	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	5114	0.35	ng		-0.02
5) Phenol-d6	6.86	99	6409	0.35	ng		0.00
8) Nitrobenzene-d5	8.82	82	5664	0.38	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11771	0.41	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	1825	0.32	ng		-0.02
15) 2-Fluorobiphenyl	12.93	172	16407	0.38	ng		-0.02
25) Fluoranthene-d10	19.09	212	29176	0.40	ng		-0.02
29) Terphenyl-d14	19.69	244	24324	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1605	0.339	ng	#	89
3) n-Nitrosodimethylamine	2.97	42	1454	0.670	ng	#	95
6) bis(2-Chloroethyl)ether	7.11	93	5181	0.430	ng		92
9) Naphthalene	10.49	128	19495	0.411	ng		99
10) Hexachlorobutadiene	10.79	225	4420	0.443	ng	#	99
12) 2-Methylnaphthalene	12.11	142	13221	0.413	ng		99
16) Acenaphthylene	14.02	152	20352	0.370	ng		100
17) Acenaphthene	14.36	154	12989	0.366	ng		97
18) Fluorene	15.36	166	16566	0.365	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	5333	0.409	ng		96
21) Hexachlorobenzene	16.37	284	6269	0.440	ng		97
22) Pentachlorophenol	16.72	266	1744	0.332	ng		98
23) Phenanthrene	17.09	178	26922	0.403	ng		99
24) Anthracene	17.18	178	24547	0.407	ng		100
26) Fluoranthene	19.11	202	33074	0.398	ng		99
28) Pyrene	19.48	202	34281	0.429	ng		100
30) Benzo(a)anthracene	21.23	228	35348	0.410	ng		99
31) Chrysene	21.28	228	34029	0.405	ng		99
32) Bis(2-ethylhexyl)phthalate	21.18	149	18310	0.413	ng		100
33) Indeno(1,2,3-cd)pyrene	25.66	276	41901	0.398	ng		98
35) Benzo(b)fluoranthene	22.84	252	35608	0.398	ng		97
36) Benzo(k)fluoranthene	22.84	252	35608	0.402	ng		97
37) Benzo(a)pyrene	23.36	252	34378	0.409	ng	#	89
38) Dibenzo(a,h)anthracene	25.67	278	34256	0.398	ng		98
39) Benzo(g,h,i)perylene	26.33	276	34553	0.406	ng		99

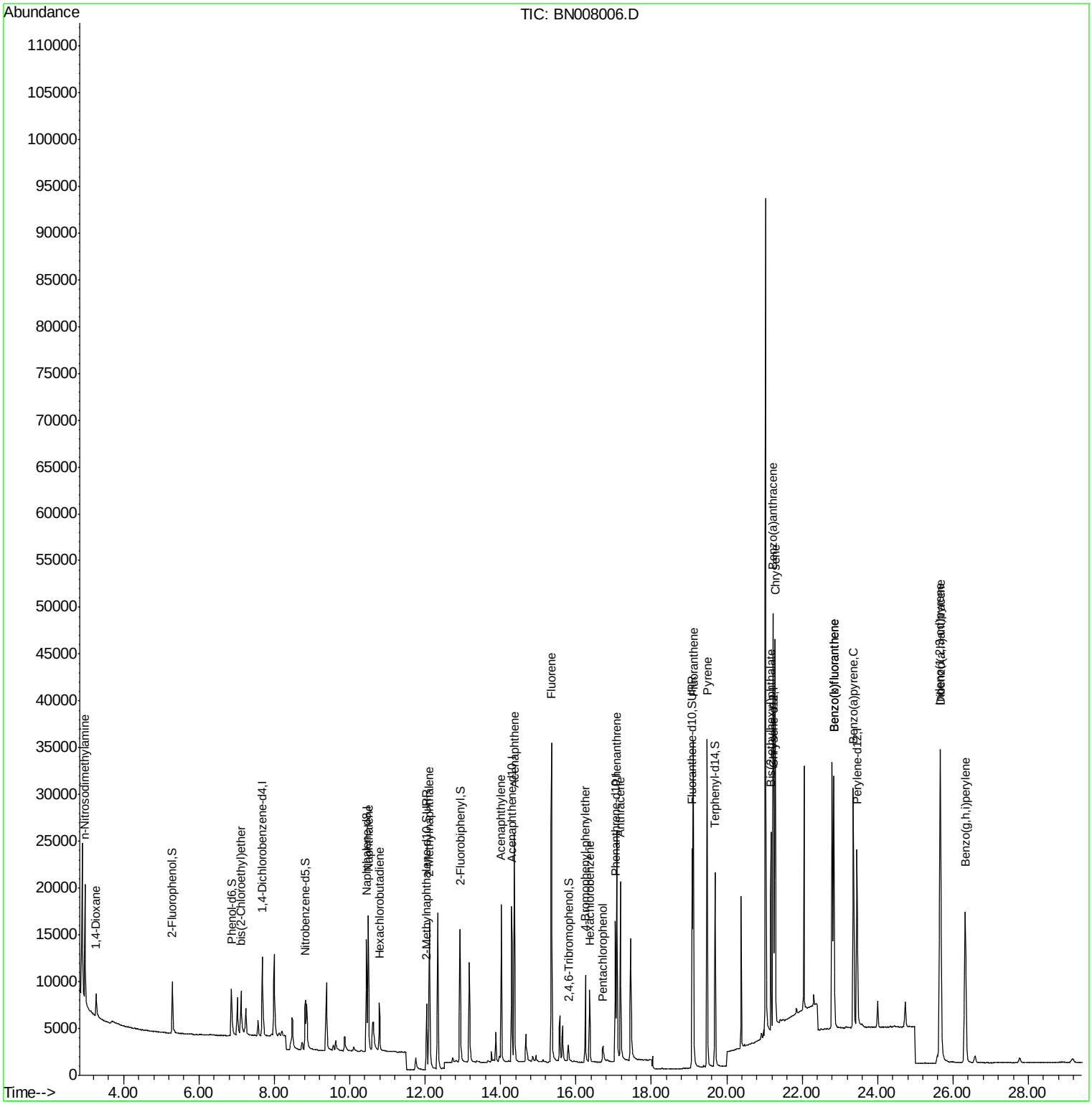
(#) = qualifier out of range (m) = manual integration (+) = signals summed

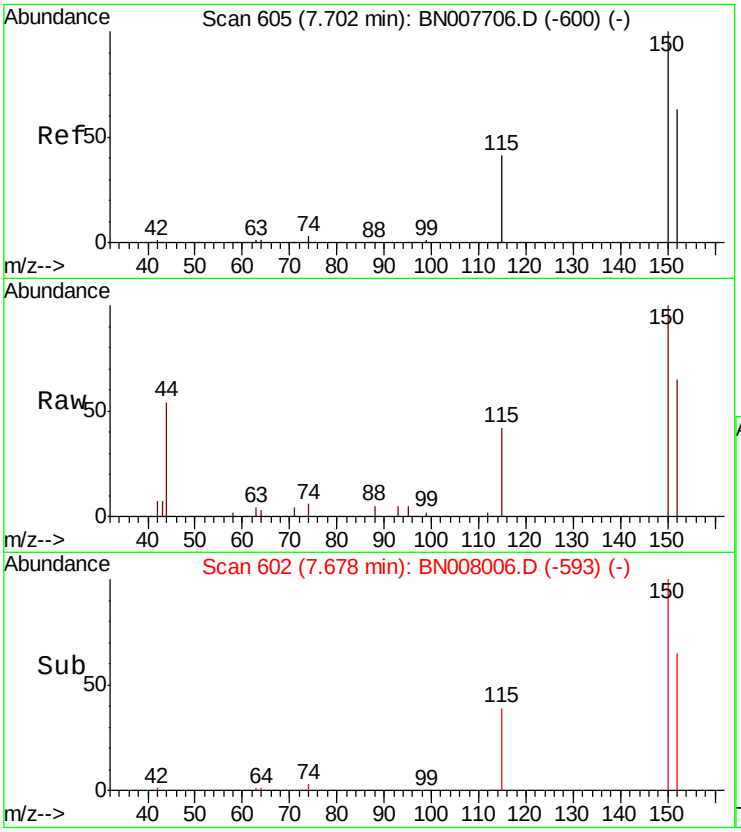
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008006.D
Acq On : 04 Oct 2019 16:47
Operator : JU
Sample : PB123468BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:24:36 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



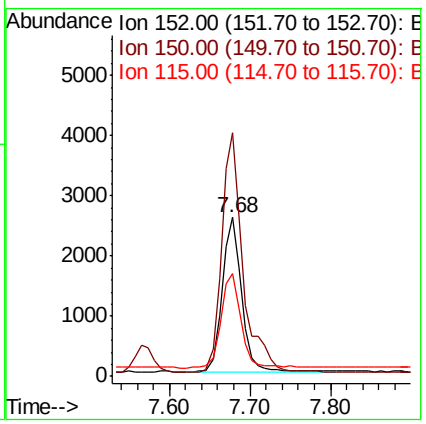


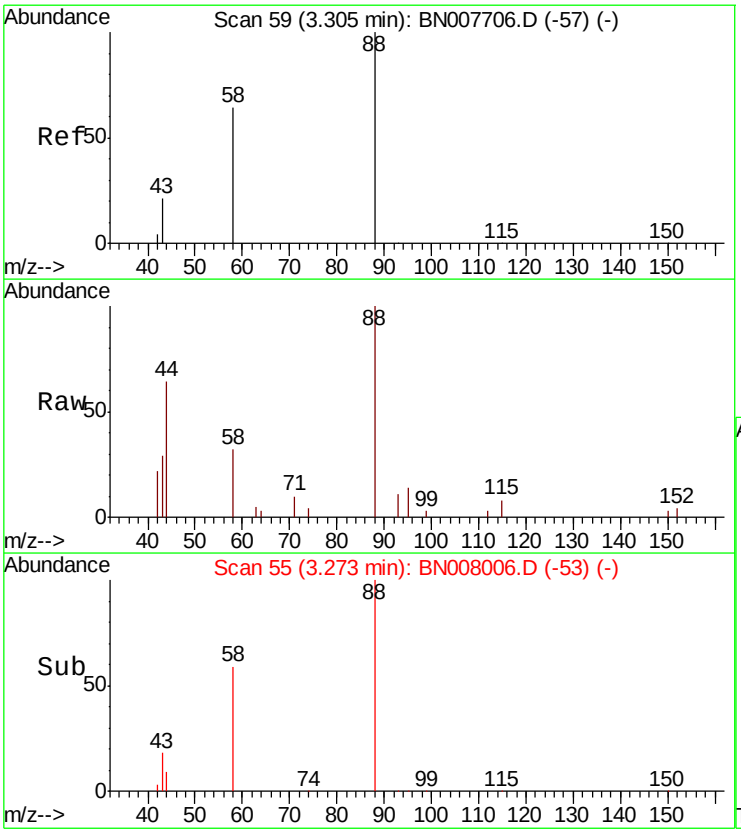
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 4252

Ion	Ratio	Lower	Upper
152	100		
150	153.1	125.6	188.4
115	64.9	53.3	79.9

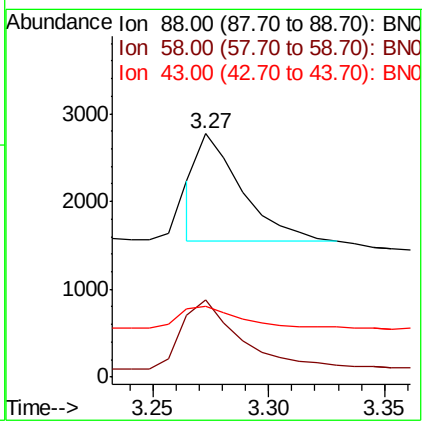


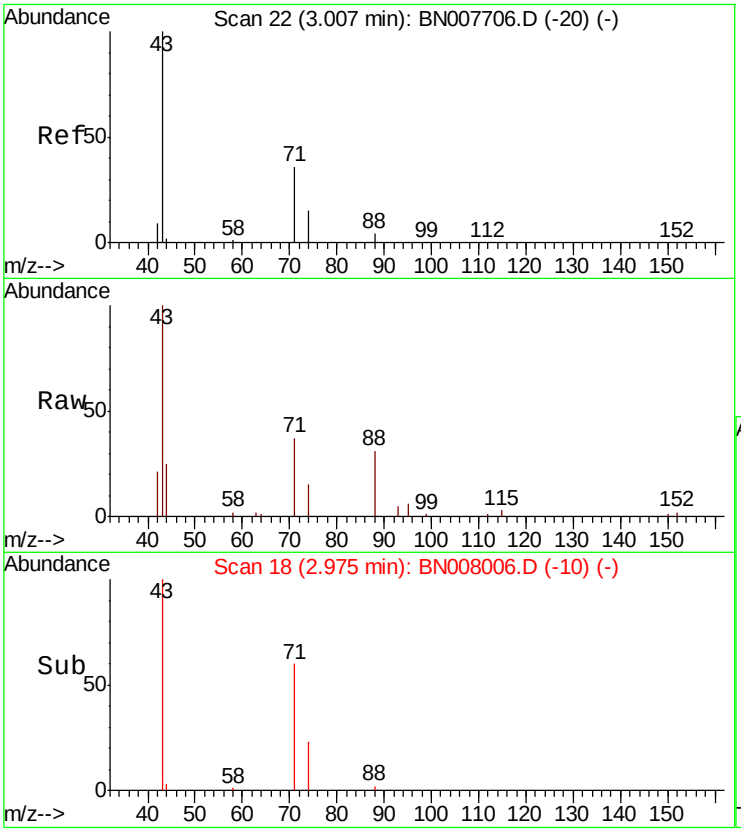


#2
1,4-Dioxane
Concen: 0.339 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion: 88 Resp: 1605

Ion	Ratio	Lower	Upper
88	100		
58	54.3	44.6	66.8
43	0.0	14.4	21.6#



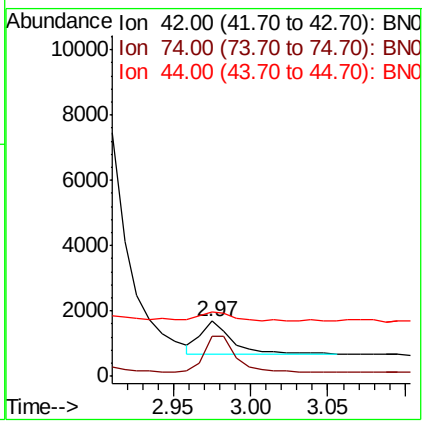


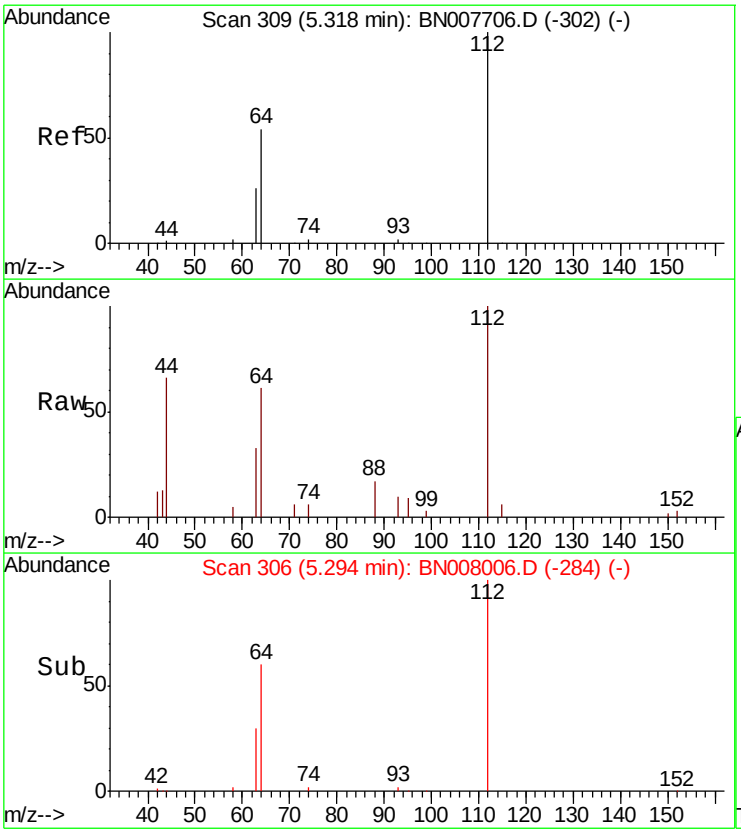
#3
n-Nitrosodimethylamine
Concen: 0.670 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1454

Ion	Ratio	Lower	Upper
42	100		
74	109.8	87.9	131.9
44	25.7	29.4	44.0#

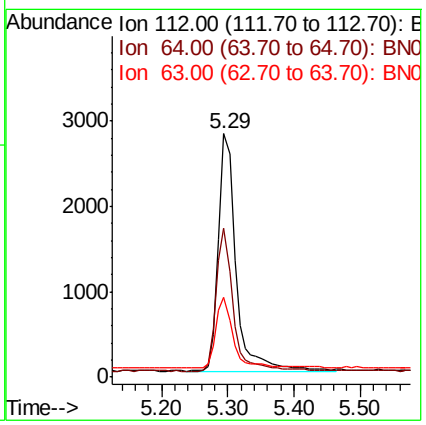


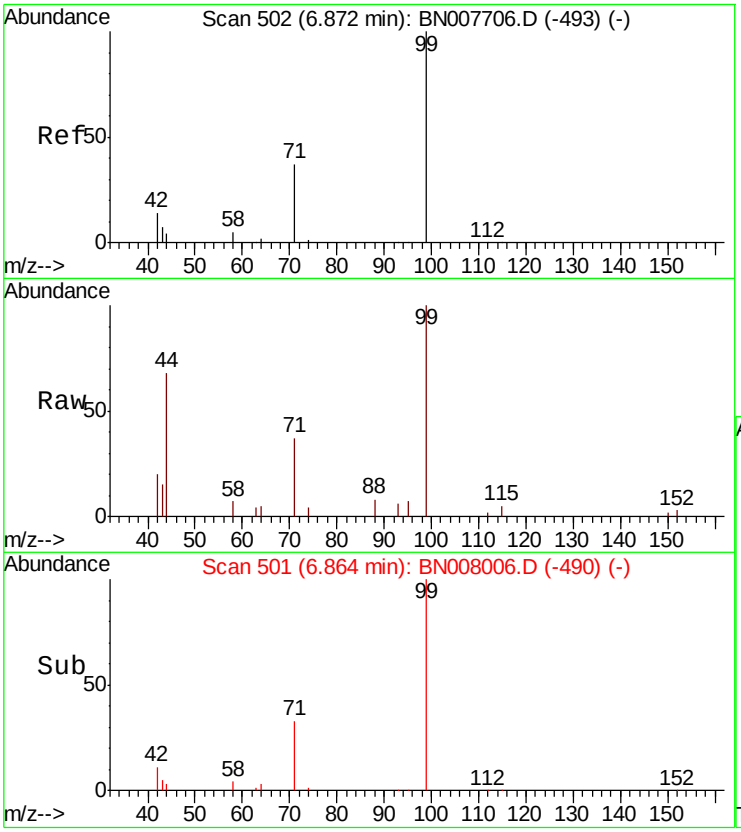


#4
2-Fluorophenol
Concen: 0.349 ng
RT: 5.29 min Scan# 306
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:112 Resp: 5114

Ion	Ratio	Lower	Upper
112	100		
64	59.1	46.6	70.0
63	29.3	23.1	34.7



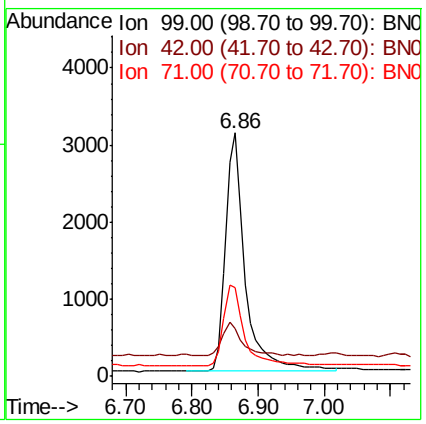


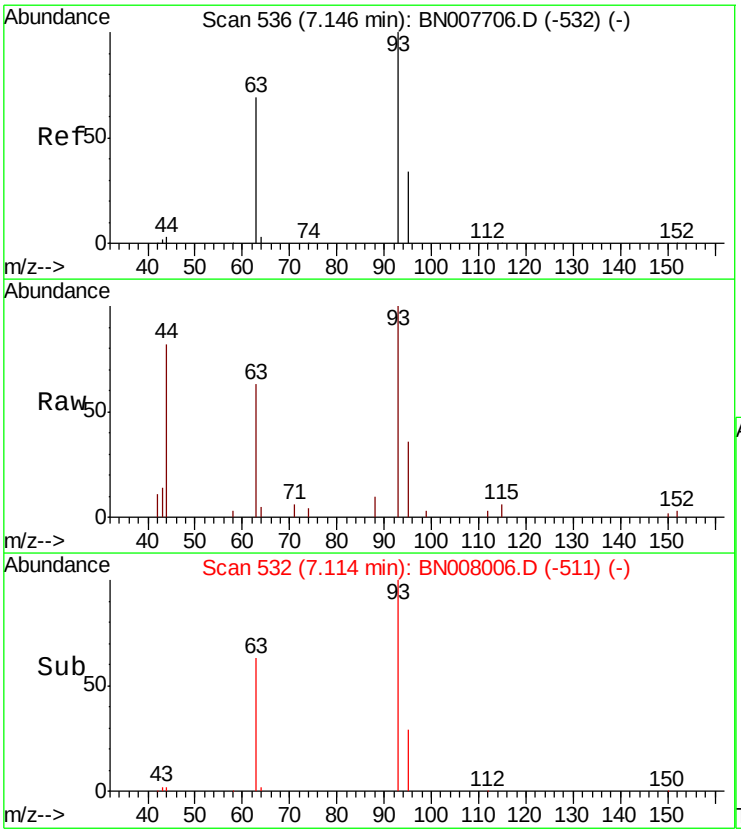
#5
Phenol-d6
Concen: 0.351 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6409

Ion	Ratio	Lower	Upper
99	100		
42	14.5	12.8	19.2
71	35.7	27.6	41.4

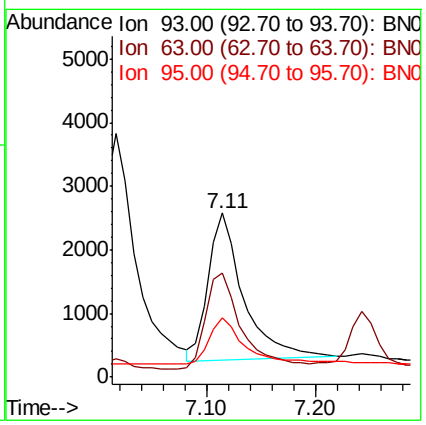


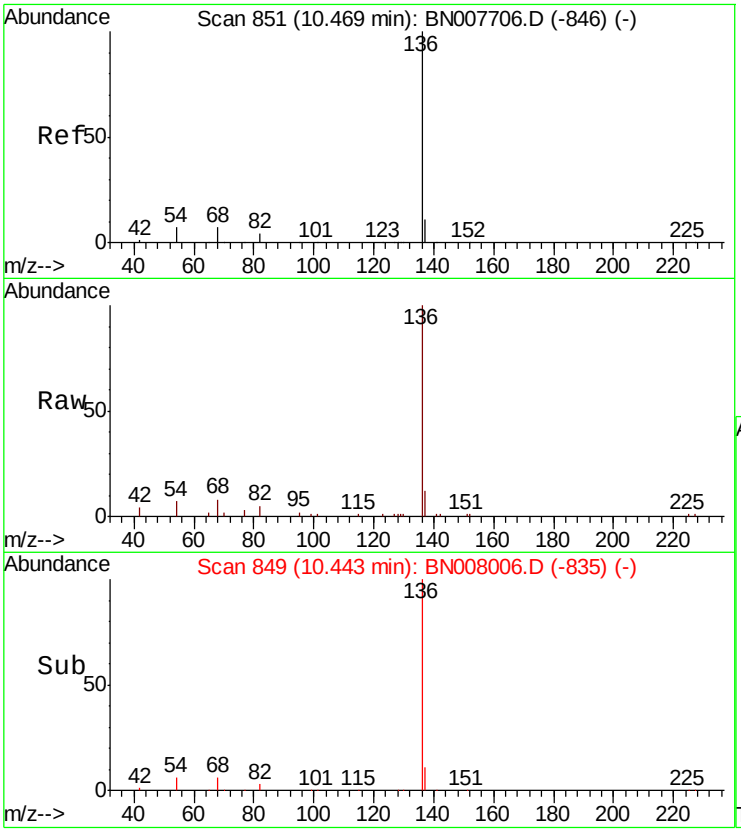


#6
bis(2-Chloroethyl)ether
Concen: 0.430 ng
RT: 7.11 min Scan# 532
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion: 93 Resp: 5181

Ion	Ratio	Lower	Upper
93	100		
63	68.4	59.3	88.9
95	32.3	31.4	47.0



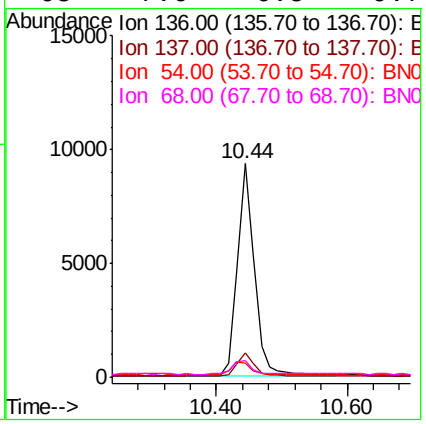


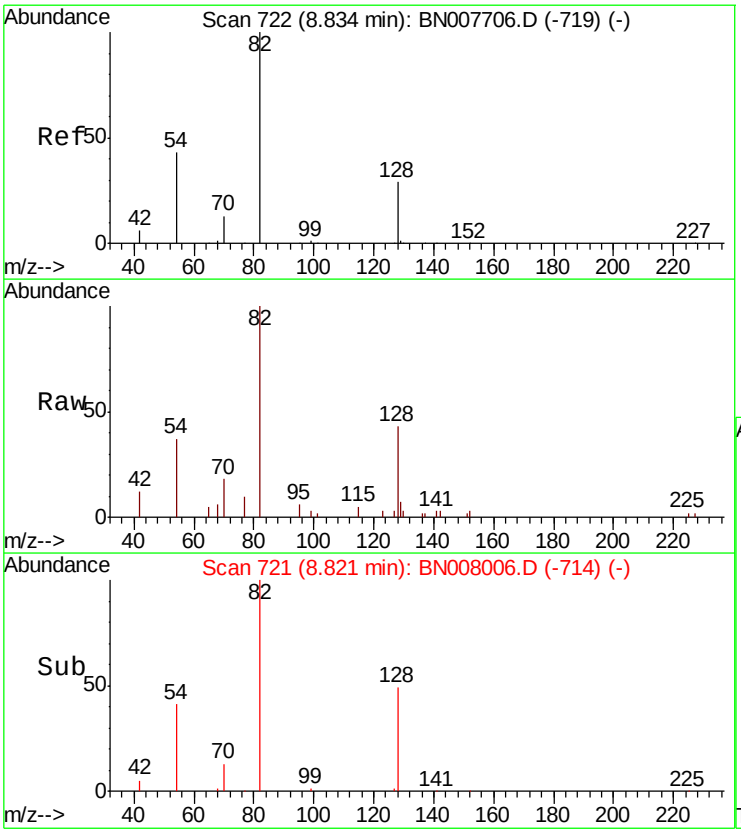
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 16895

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	6.8	5.8	8.8
68	7.6	6.5	9.7

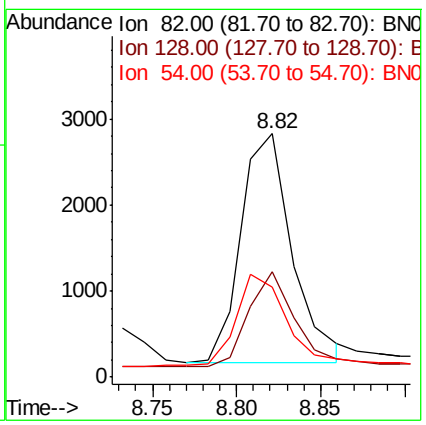


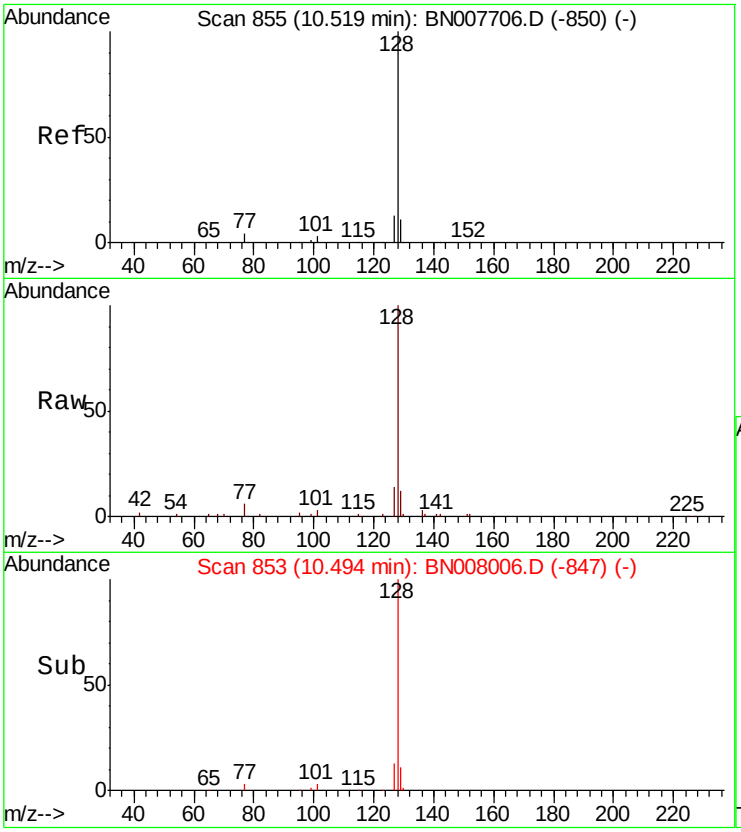


#8
Nitrobenzene-d5
Concen: 0.383 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion: 82 Resp: 5664

Ion	Ratio	Lower	Upper
82	100		
128	43.5	24.5	36.7#
54	37.0	35.2	52.8



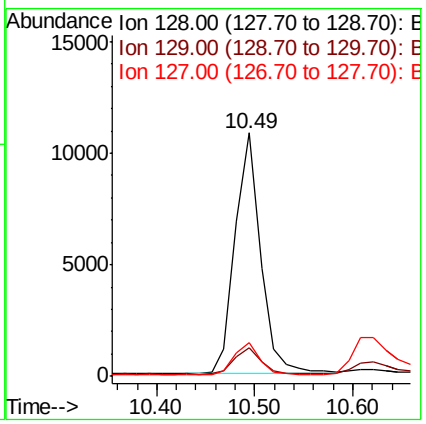


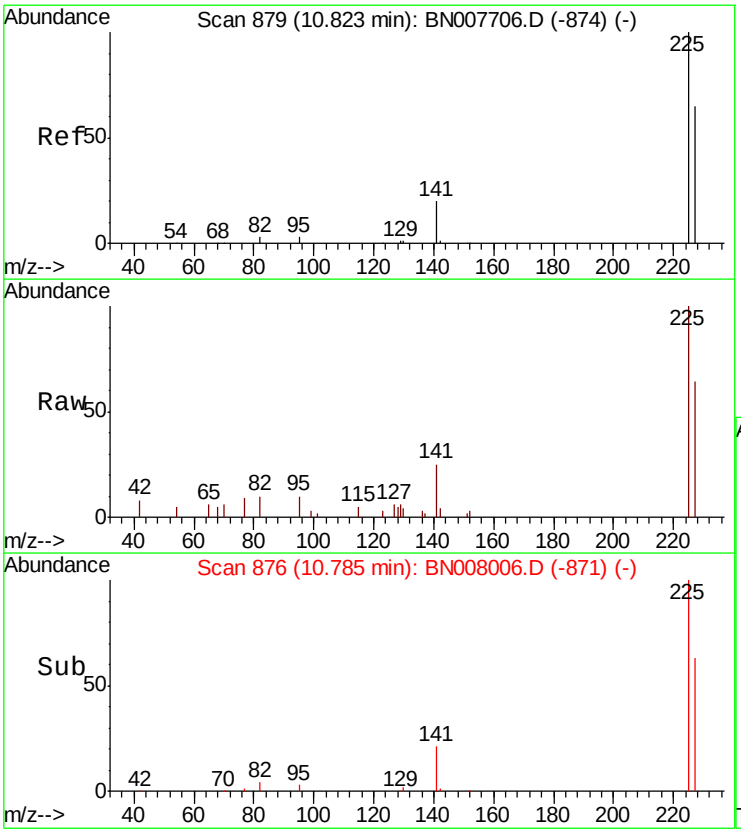
#9
Naphthalene
Concen: 0.411 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 19495

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.1	13.7
127	13.6	10.6	15.8

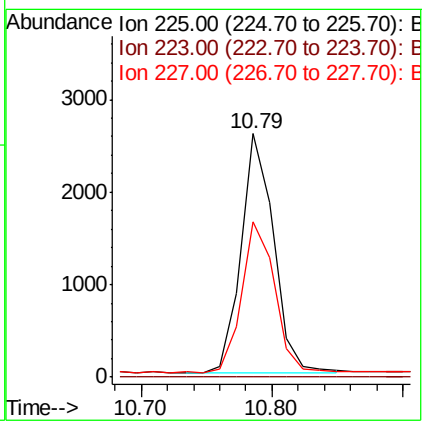


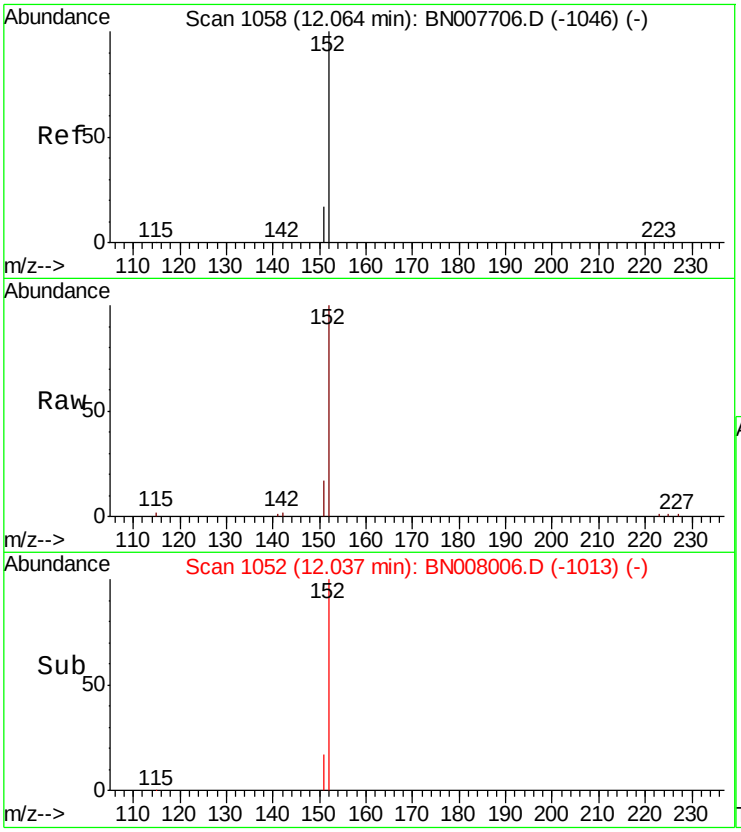


#10
Hexachlorobutadiene
Concen: 0.443 ng
RT: 10.79 min Scan# 876
Delta R.T. -0.04 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:225 Resp: 4420

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.5	51.2	76.8



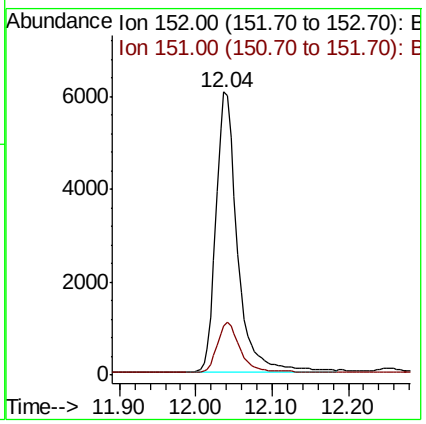


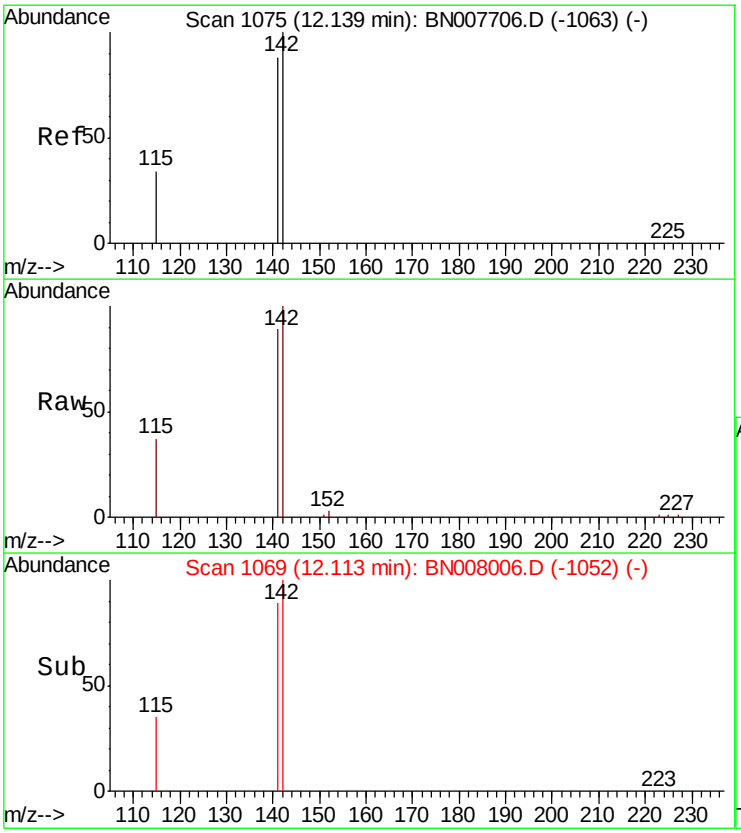
#11
2-Methylnaphthalene-d10
Concen: 0.414 ng
RT: 12.04 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11771

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

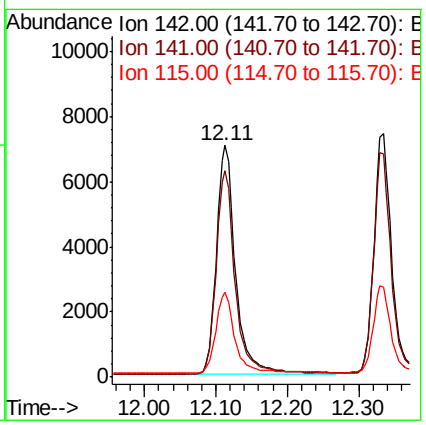


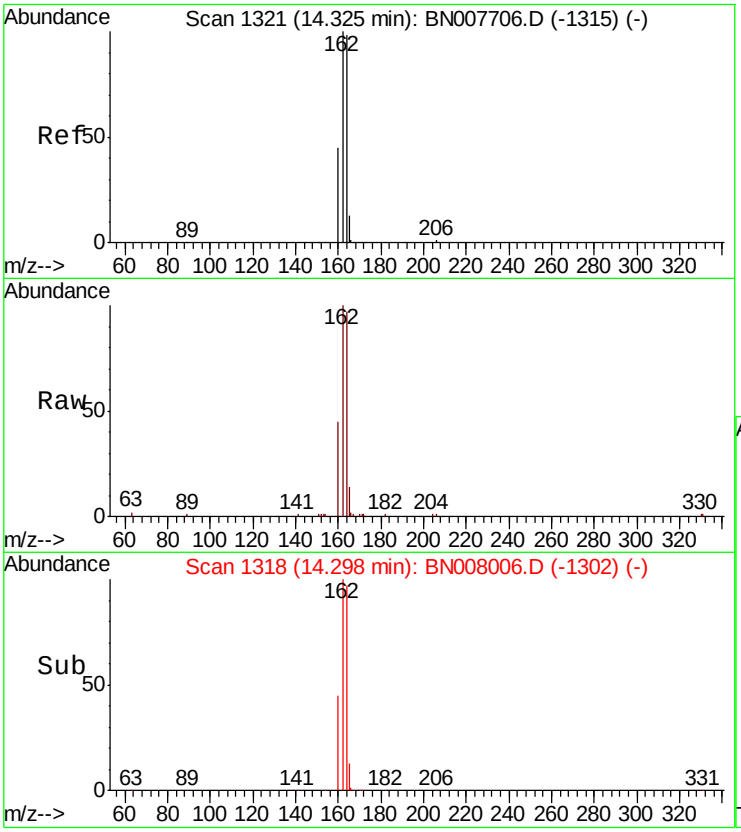


#12
2-Methylnaphthalene
Concen: 0.413 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:142 Resp: 13221

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.6	106.0
115	36.6	28.3	42.5



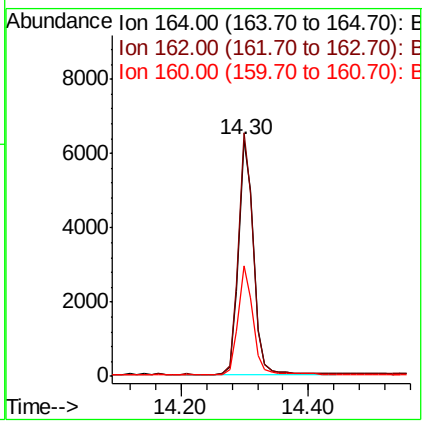


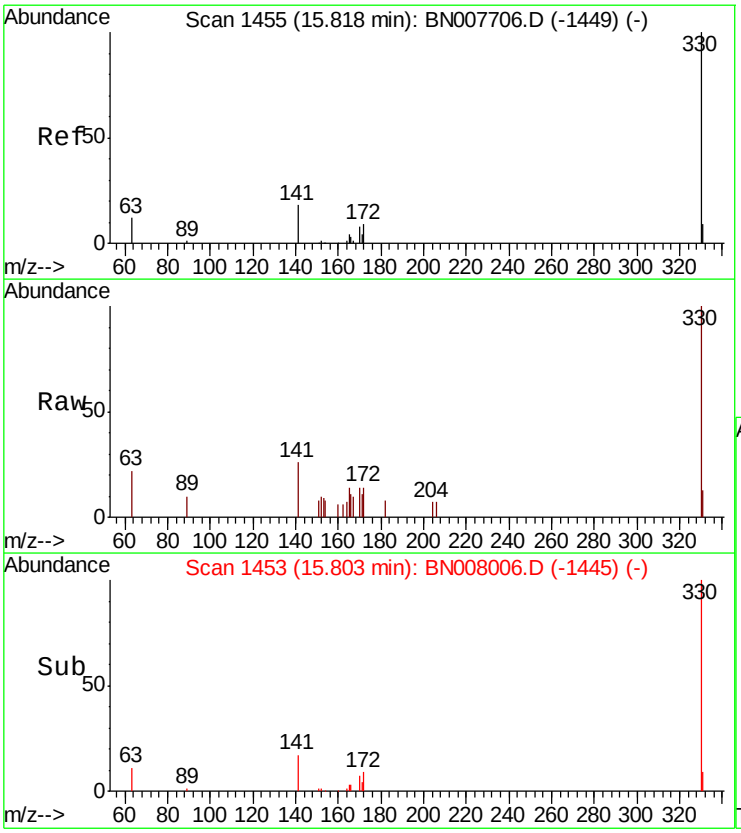
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1318
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 10368

Ion	Ratio	Lower	Upper
164	100		
162	103.1	81.7	122.5
160	46.6	37.0	55.4

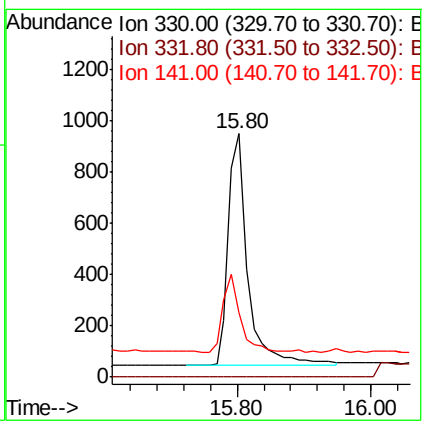


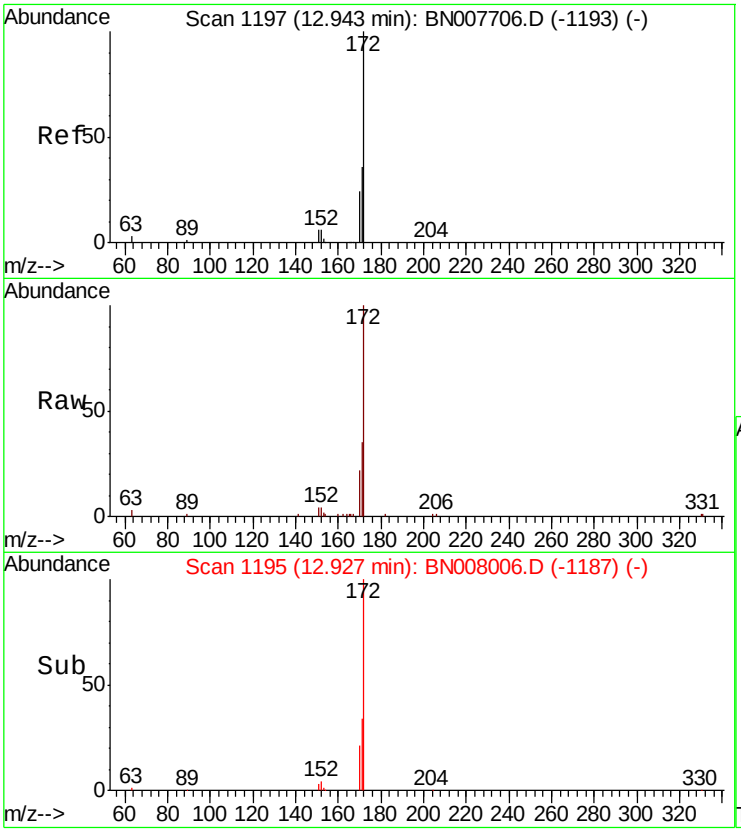


#14
2,4,6-Tribromophenol
Concen: 0.323 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:330 Resp: 1825

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	29.6	28.7	43.1



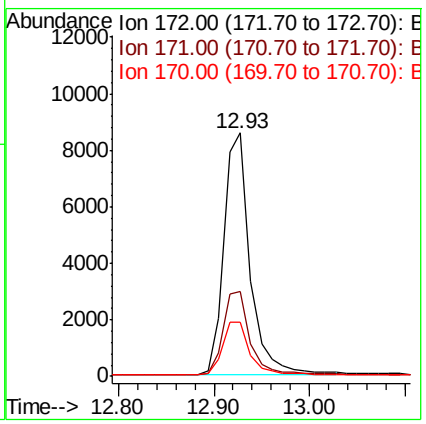


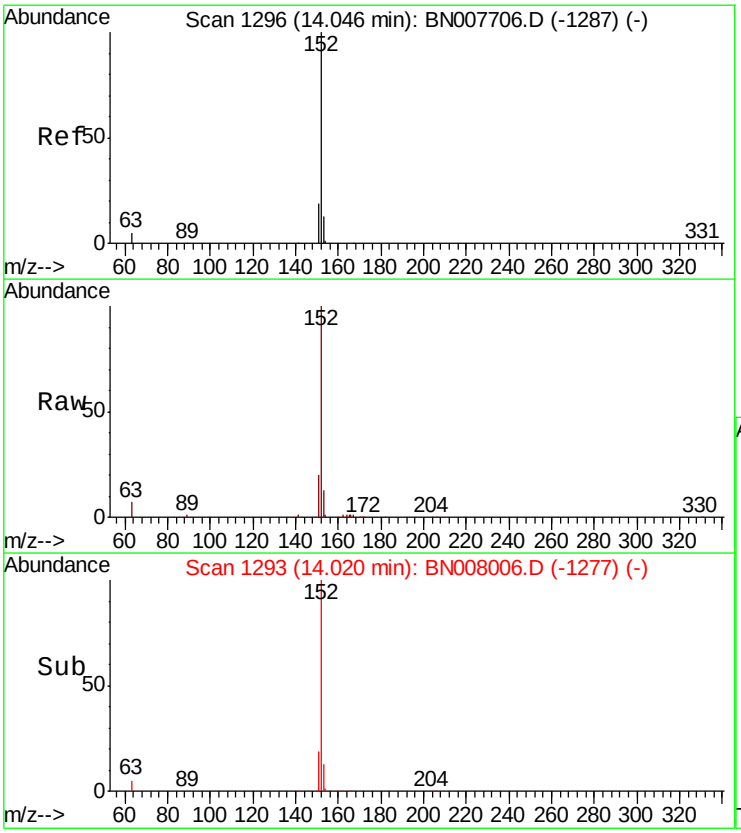
#15
2-Fluorobiphenyl
Concen: 0.384 ng
RT: 12.93 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 16407

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.8	43.2
170	22.0	19.5	29.3

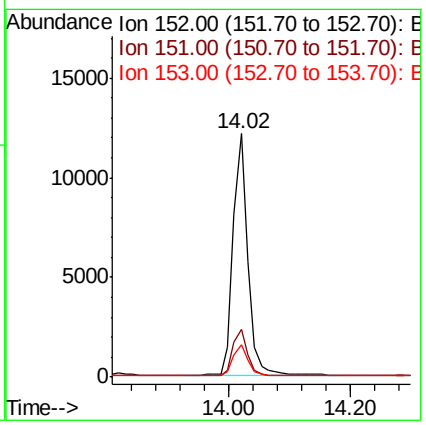


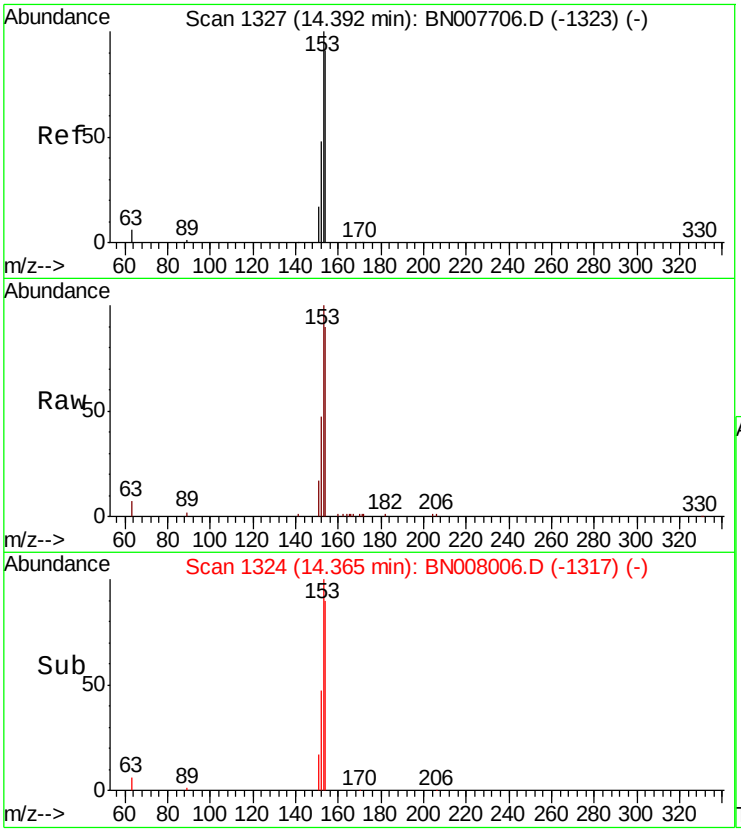


#16
Acenaphthylene
Concen: 0.370 ng
RT: 14.02 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:152 Resp: 20352

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3
153	13.1	10.4	15.6



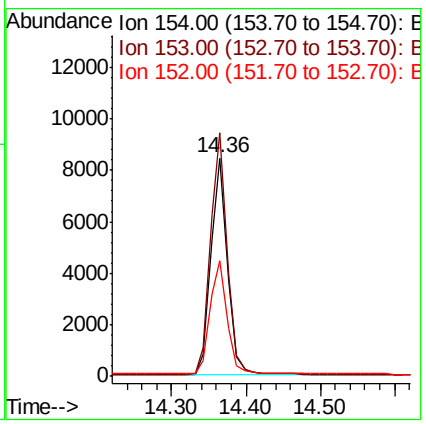


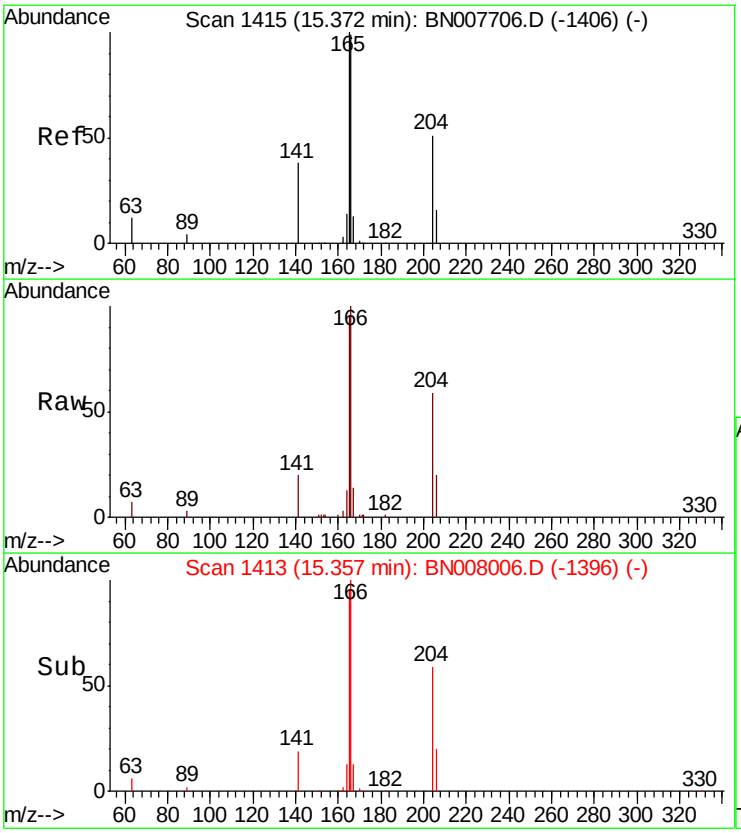
#17
Acenaphthene
Concen: 0.366 ng
RT: 14.36 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12989

Ion	Ratio	Lower	Upper
154	100		
153	112.5	87.0	130.4
152	53.6	42.7	64.1

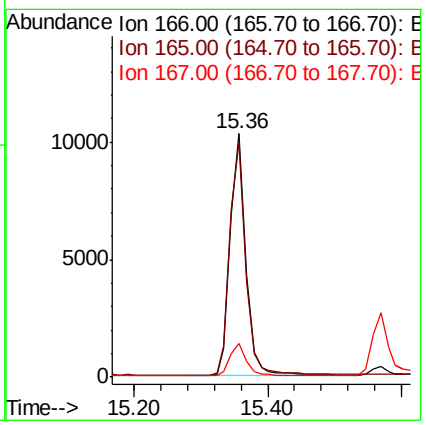


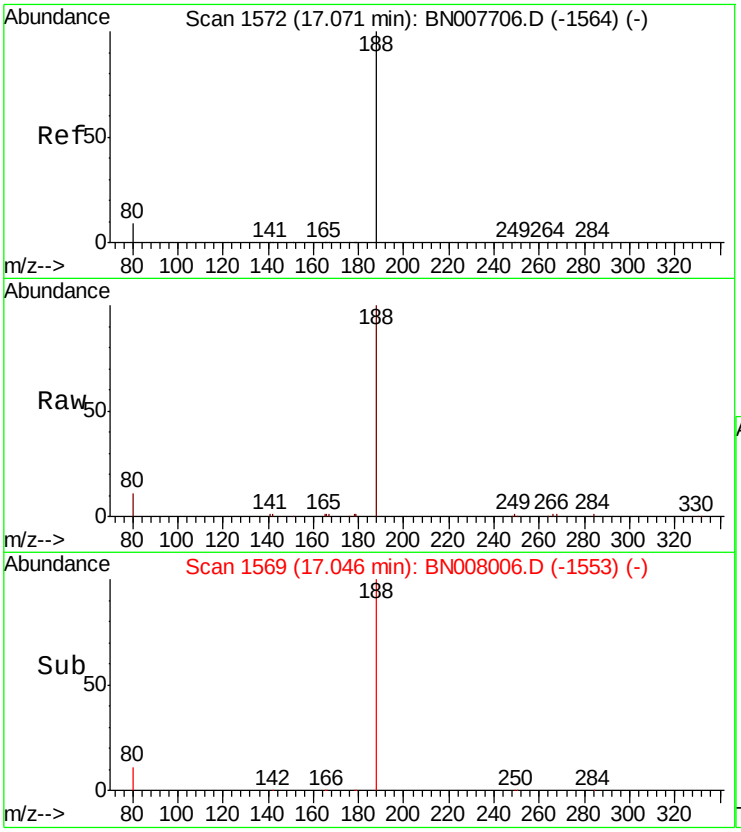


#18
Fluorene
Concen: 0.365 ng
RT: 15.36 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:166 Resp: 16566

Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.0	117.0
167	13.5	10.9	16.3



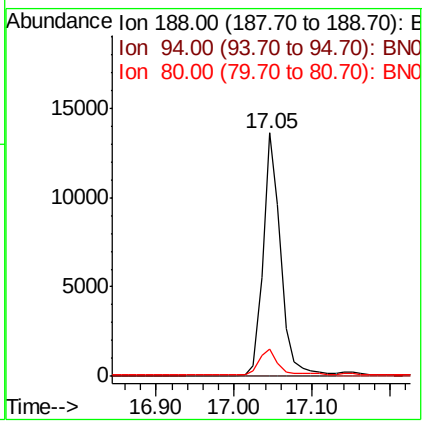


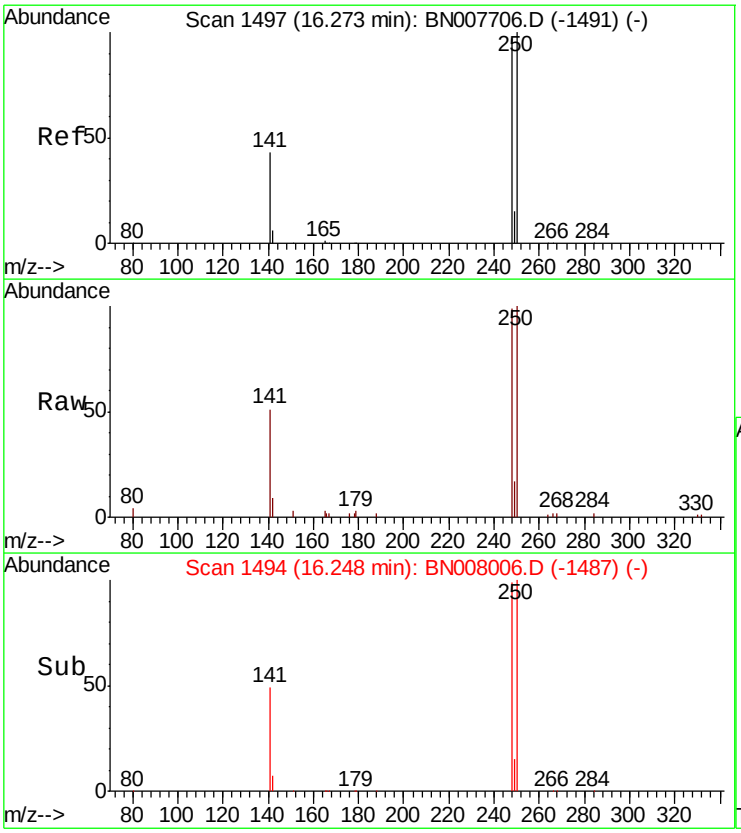
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1569
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 21456

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	7.4	11.2#

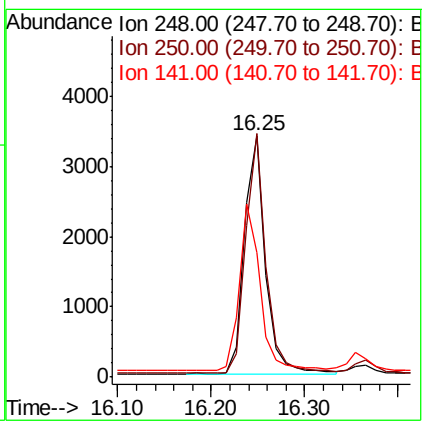


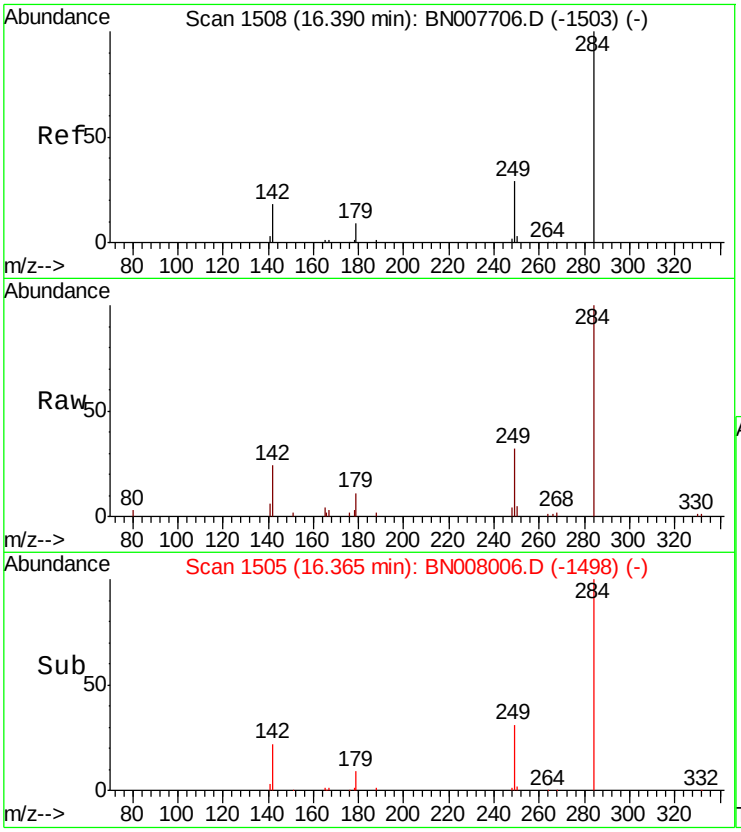


#20
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.25 min Scan# 1494
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:248 Resp: 5333

Ion	Ratio	Lower	Upper
248	100		
250	100.8	82.2	123.4
141	51.6	36.3	54.5



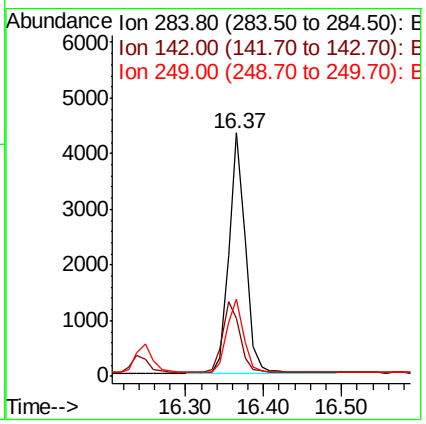


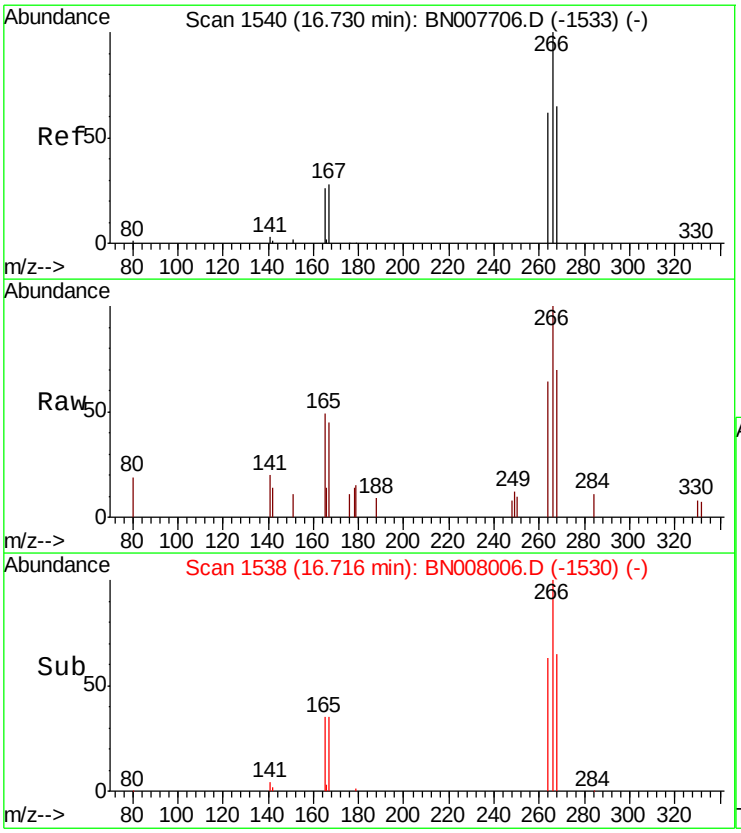
#21
Hexachlorobenzene
Concen: 0.440 ng
RT: 16.37 min Scan# 1505
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6269

Ion	Ratio	Lower	Upper
284	100		
142	30.5	25.8	38.6
249	31.1	25.9	38.9

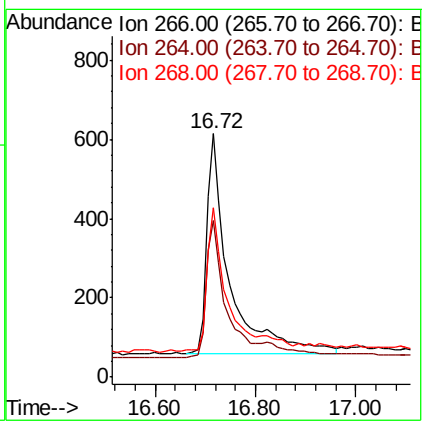


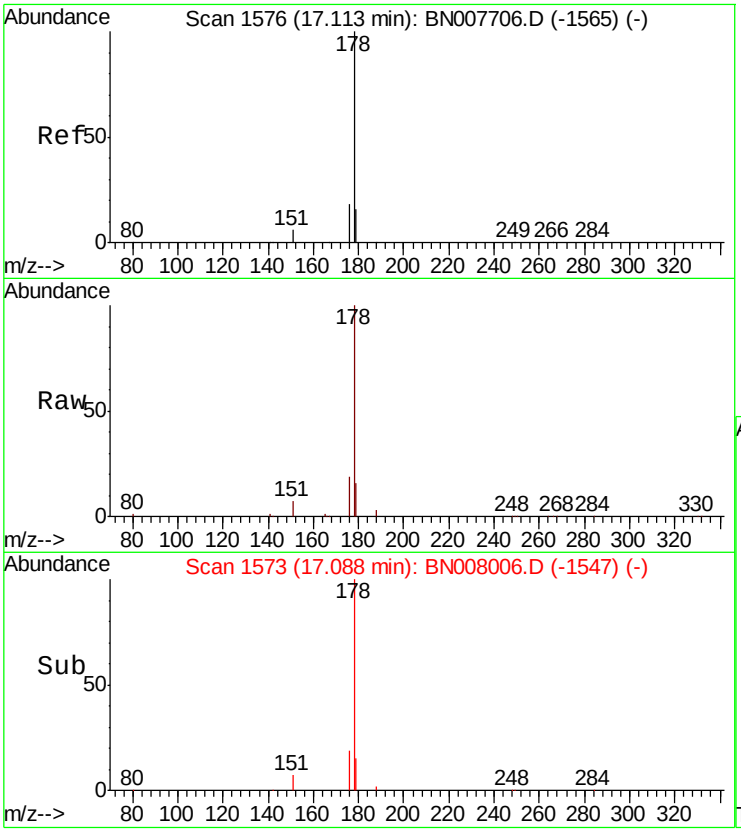


#22
Pentachlorophenol
Concen: 0.332 ng
RT: 16.72 min Scan# 1538
Delta R.T. -0.01 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:266 Resp: 1744

Ion	Ratio	Lower	Upper
266	100		
264	64.3	50.0	75.0
268	69.5	54.2	81.4



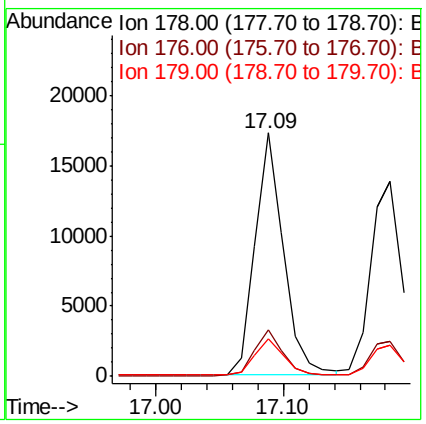


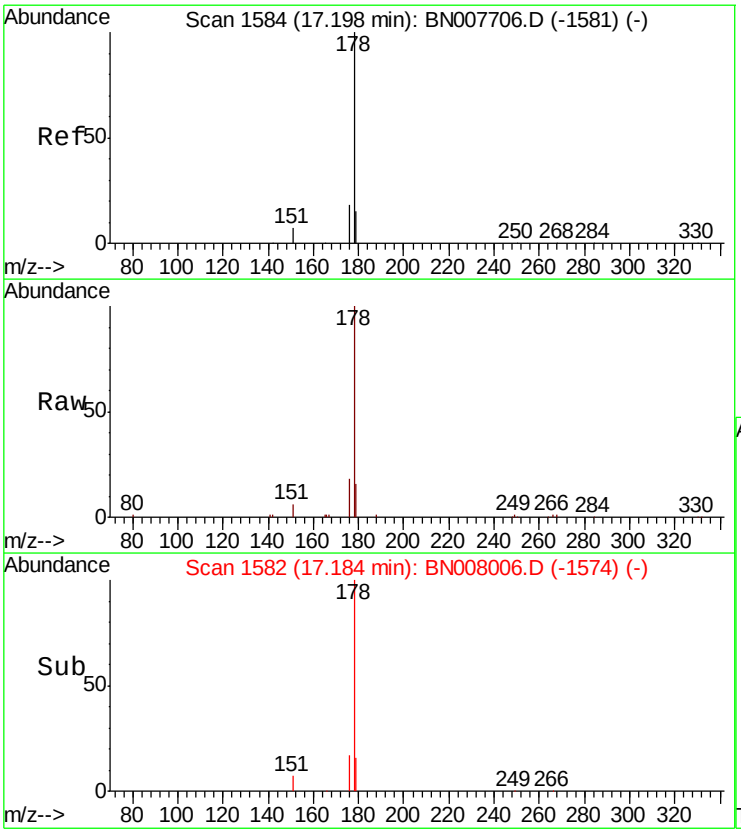
#23
Phenanthrene
Concen: 0.403 ng
RT: 17.09 min Scan# 1573
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 26922

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.2	12.5	18.7

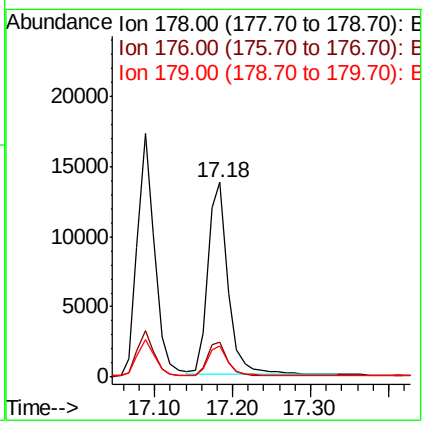


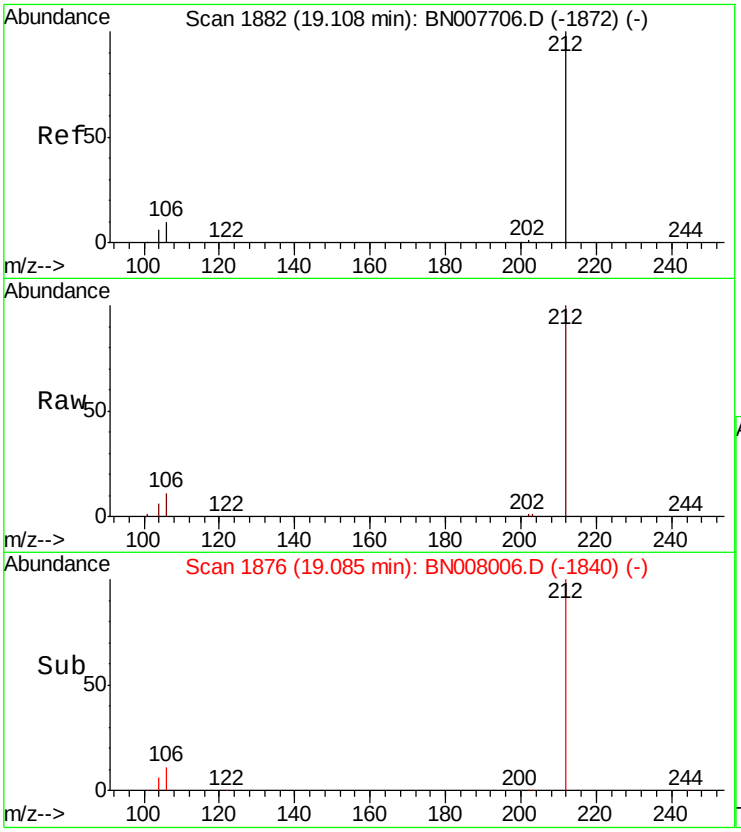


#24
Anthracene
Concen: 0.407 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.01 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:178 Resp: 24547

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.4	12.2	18.4



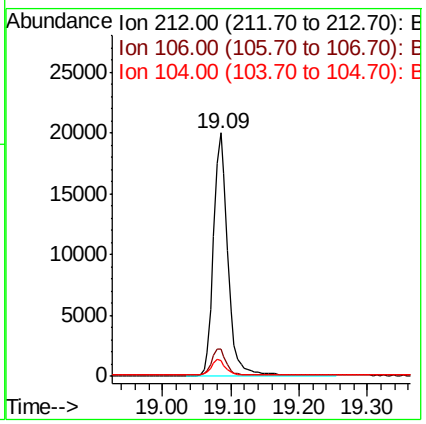


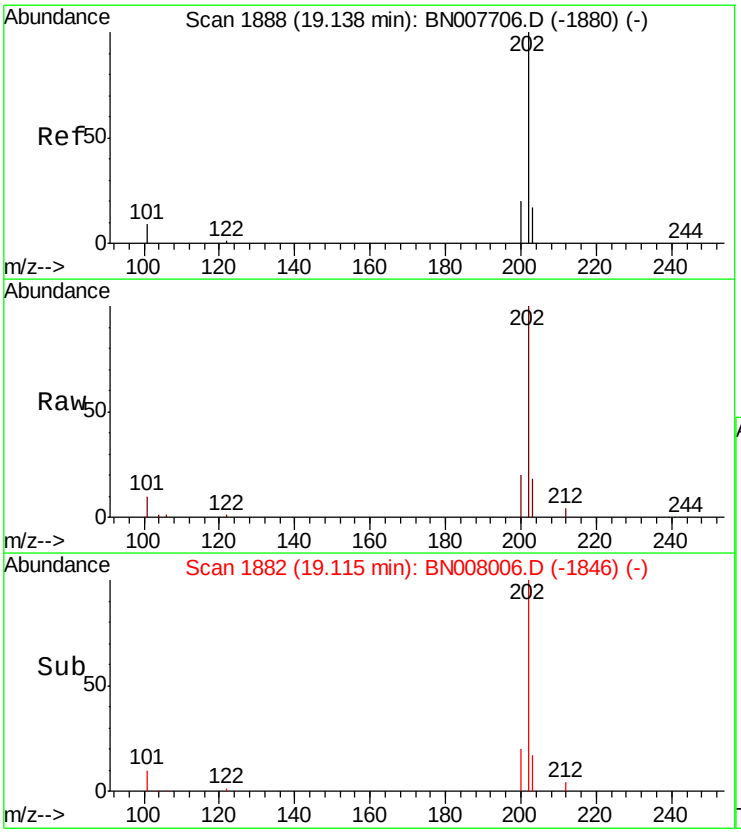
#25
Fluoranthene-d10
Concen: 0.403 ng
RT: 19.09 min Scan# 1876
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 29176

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.4	14.0
104	6.3	5.3	7.9

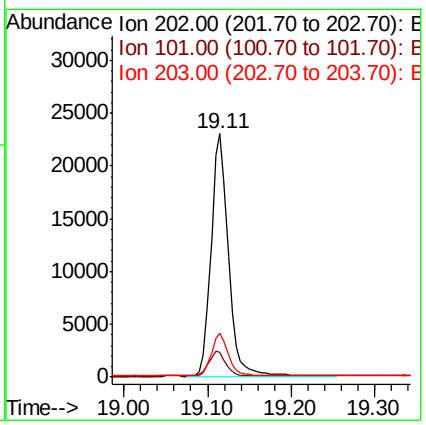


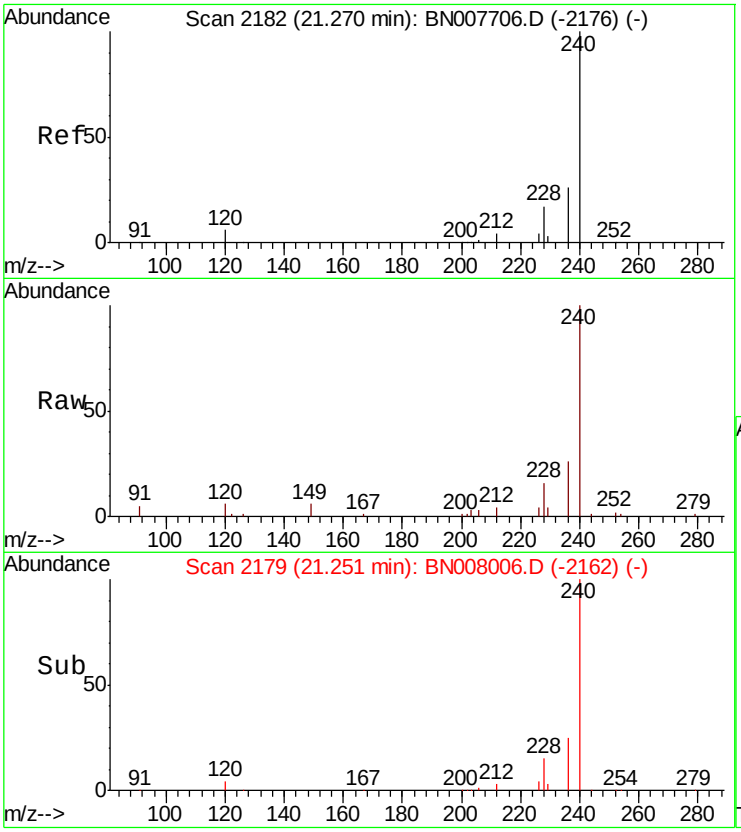


#26
Fluoranthene
Concen: 0.398 ng
RT: 19.11 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:202 Resp: 33074

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.4	12.6
203	17.2	13.8	20.8



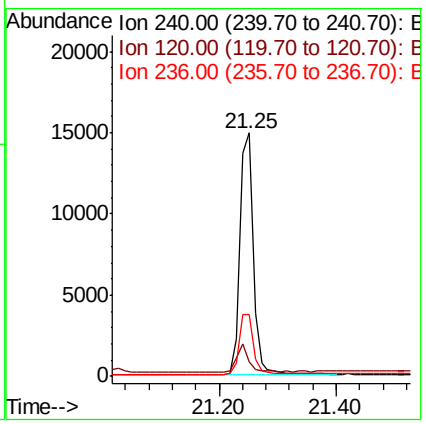


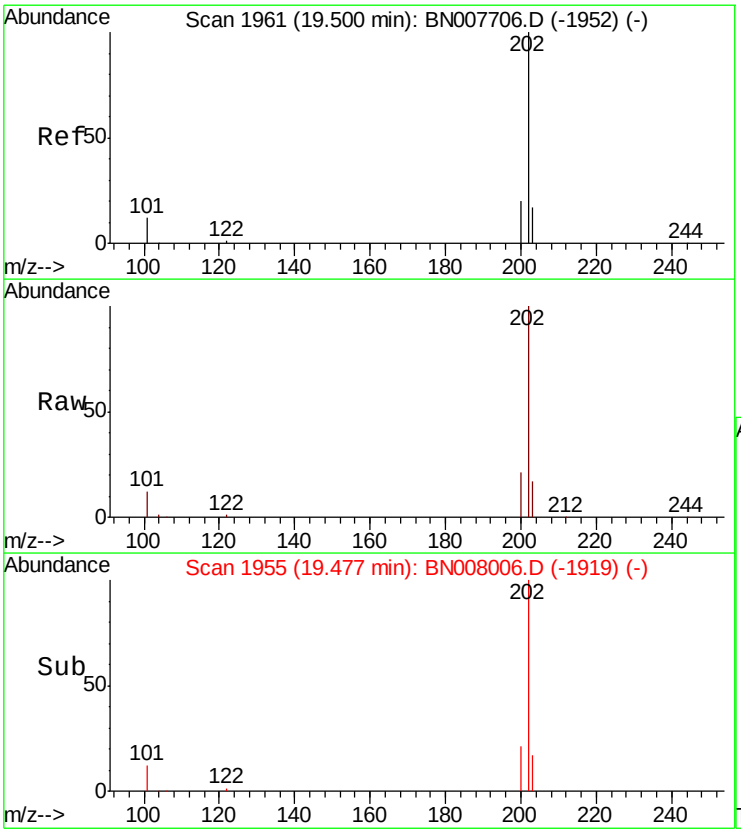
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2179
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23410

Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.4	8.2
236	25.6	21.0	31.4

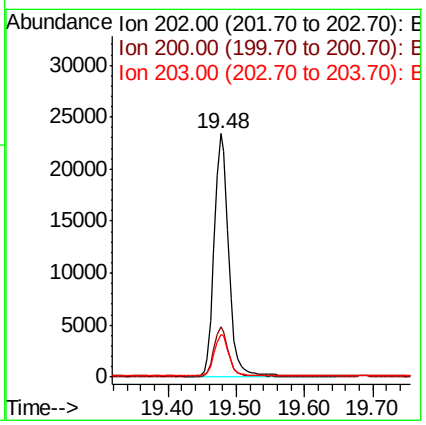


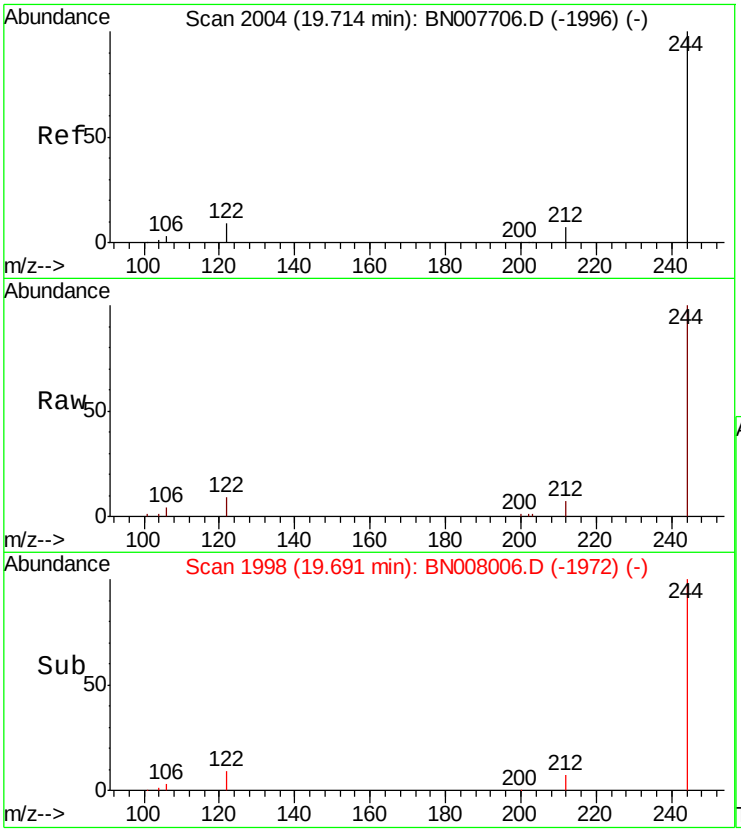


#28
Pyrene
Concen: 0.429 ng
RT: 19.48 min Scan# 1955
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:202 Resp: 34281

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.4	14.1	21.1



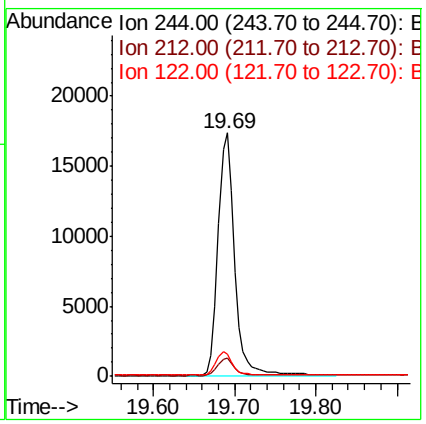


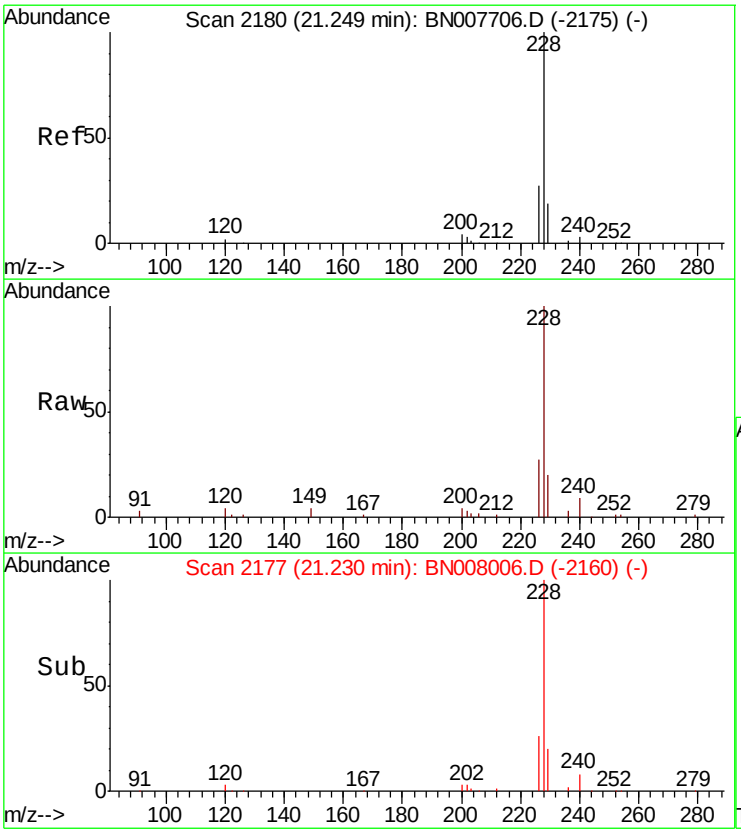
#29
Terphenyl-d14
Concen: 0.423 ng
RT: 19.69 min Scan# 1998
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 24324

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.2	7.4	11.2

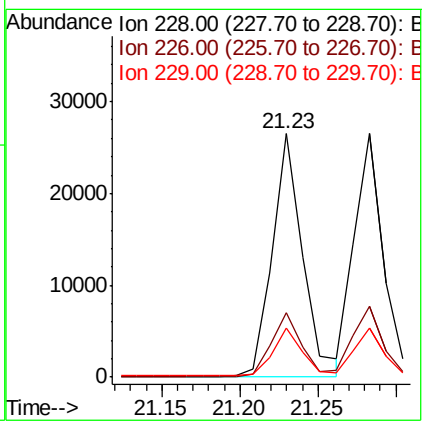


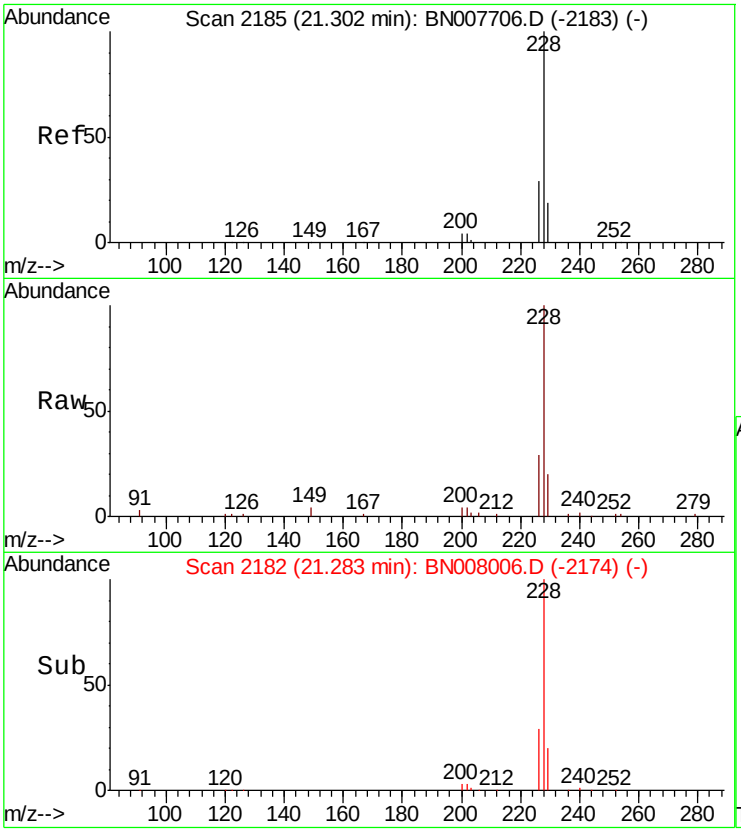


#30
Benzo(a)anthracene
Concen: 0.410 ng
RT: 21.23 min Scan# 2177
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:228 Resp: 35348

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	20.0	15.8	23.6



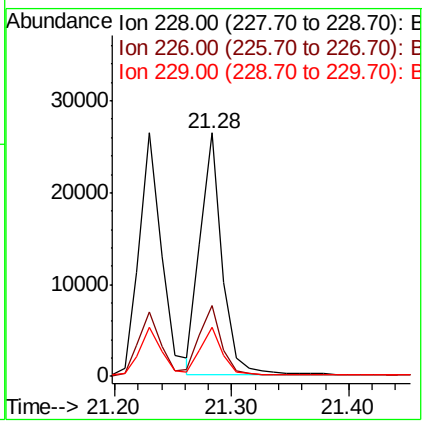


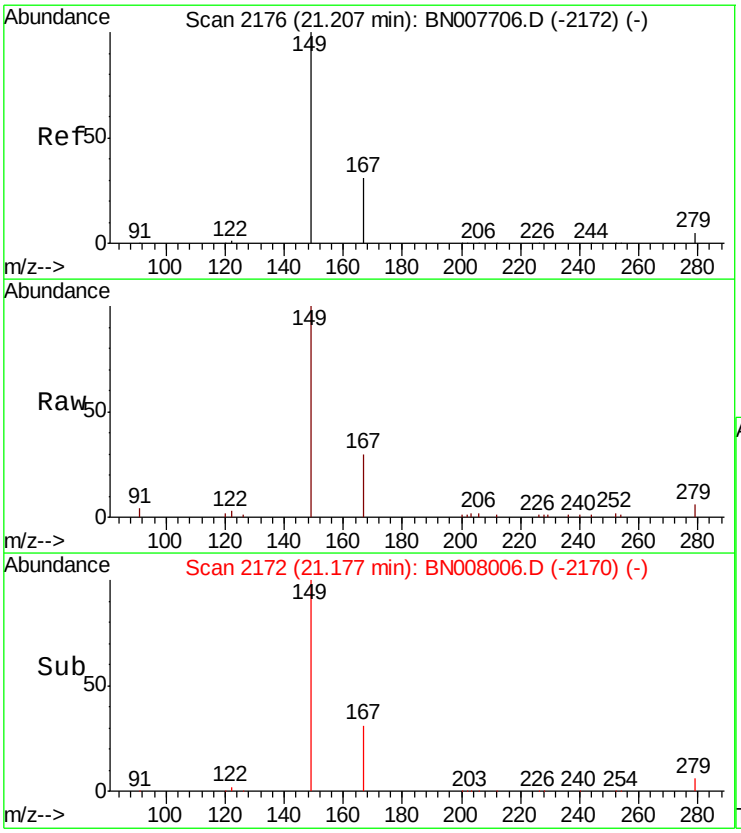
#31
Chrysene
Concen: 0.405 ng
RT: 21.28 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 34029

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	19.9	15.8	23.6

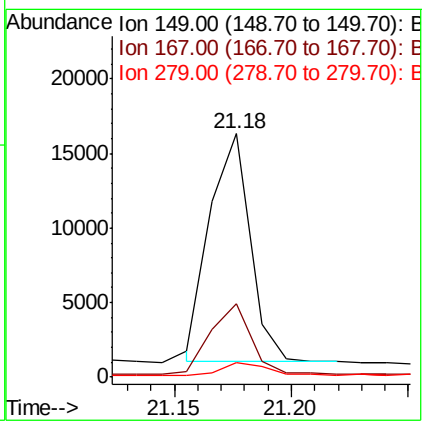


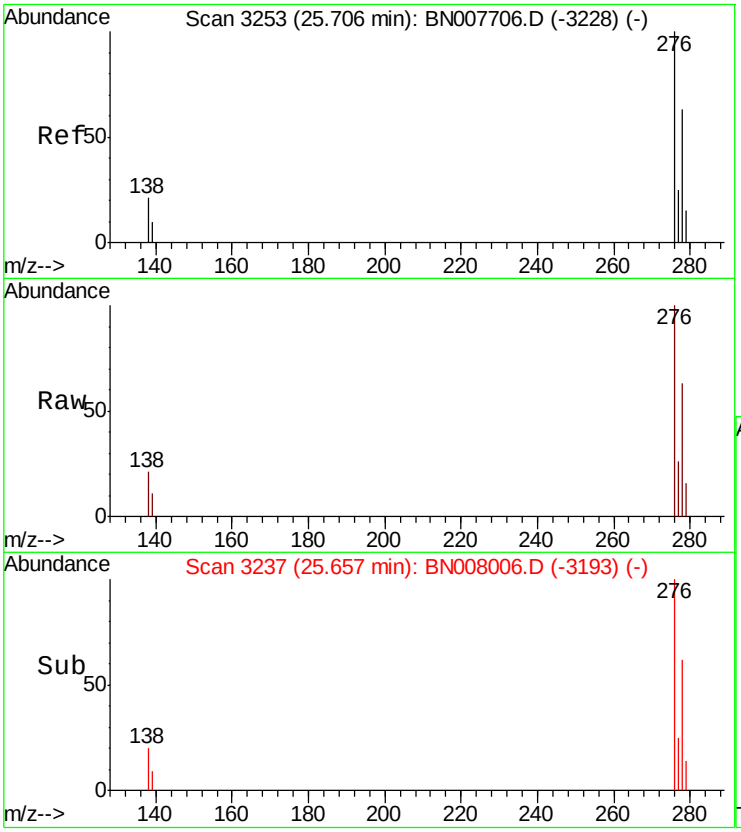


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.413 ng
RT: 21.18 min Scan# 2172
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:149 Resp: 18310

Ion	Ratio	Lower	Upper
149	100		
167	29.6	23.7	35.5
279	5.6	4.2	6.2



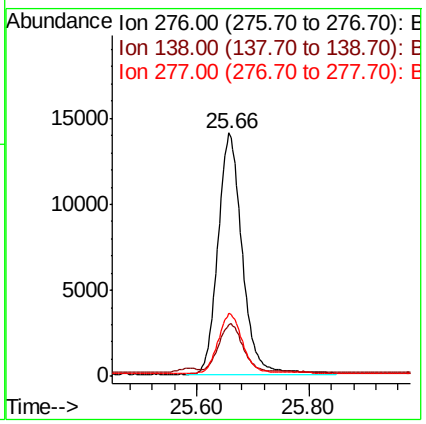


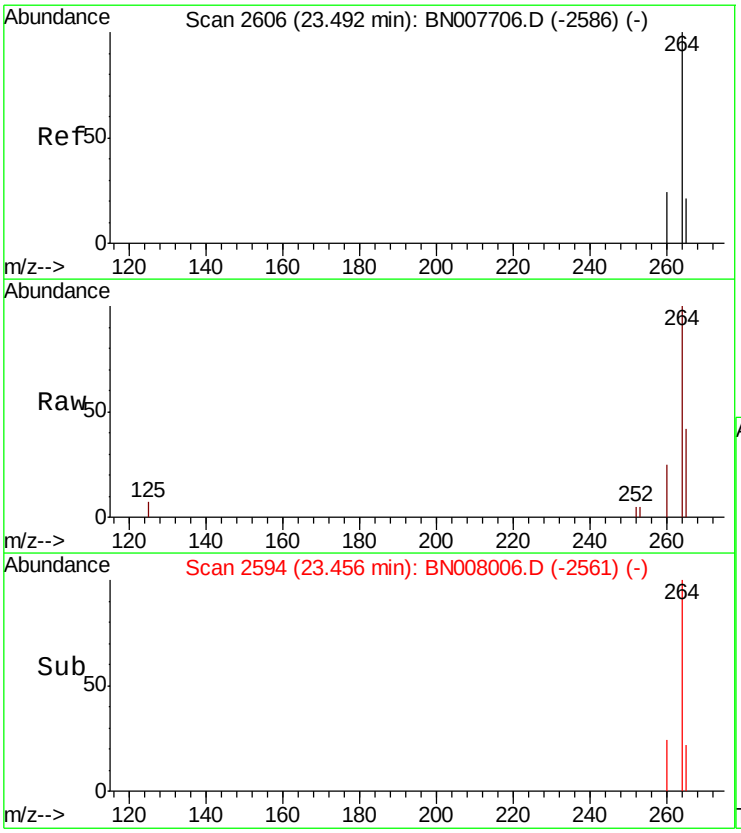
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.398 ng
RT: 25.66 min Scan# 3237
Delta R.T. -0.05 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 41901

Ion	Ratio	Lower	Upper
276	100		
138	19.4	17.1	25.7
277	25.3	20.0	30.0

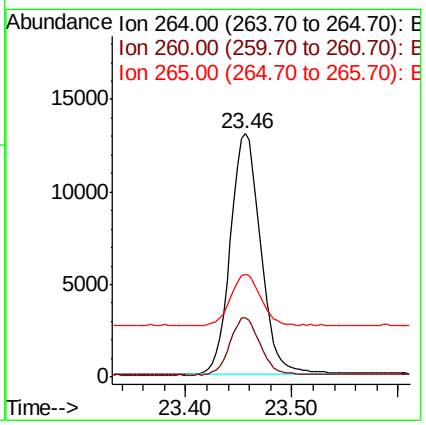


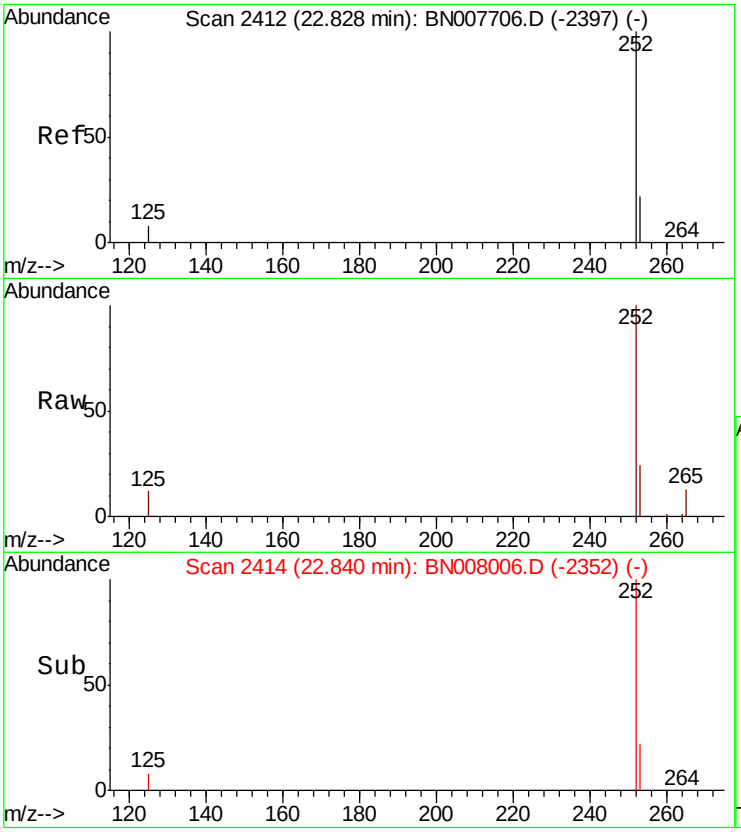


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2594
Delta R.T. -0.04 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:264 Resp: 25793

Ion	Ratio	Lower	Upper
264	100		
260	24.6	19.3	28.9
265	42.4	26.9	40.3#



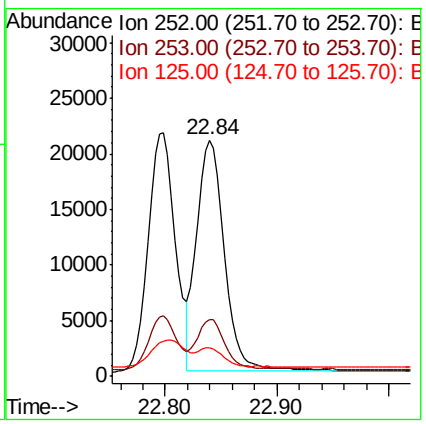


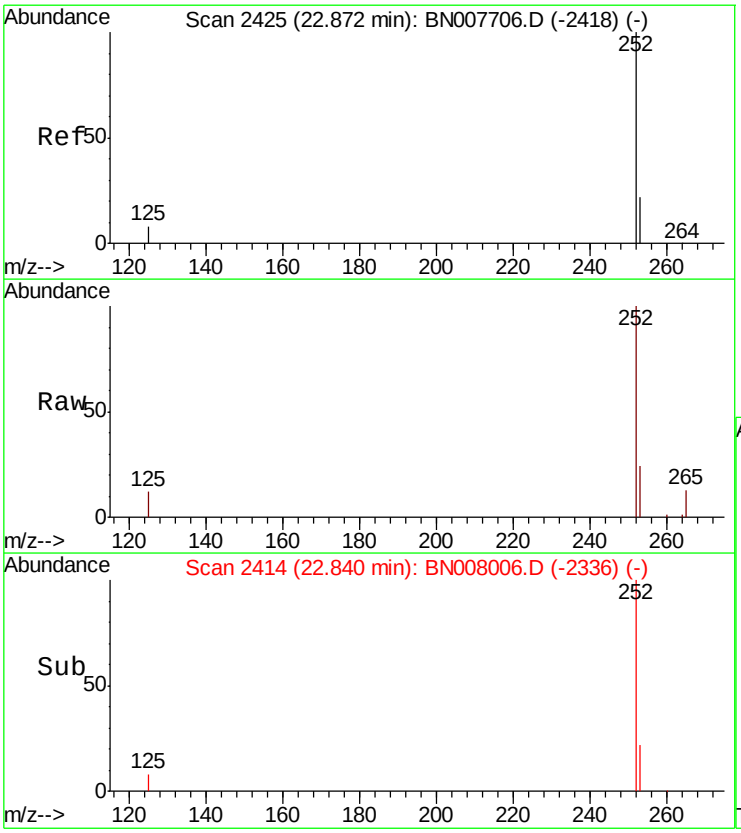
#35
Benzo(b)fluoranthene
Concen: 0.398 ng
RT: 22.84 min Scan# 2414
Delta R.T. 0.01 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 35608

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	12.1	8.2	12.4

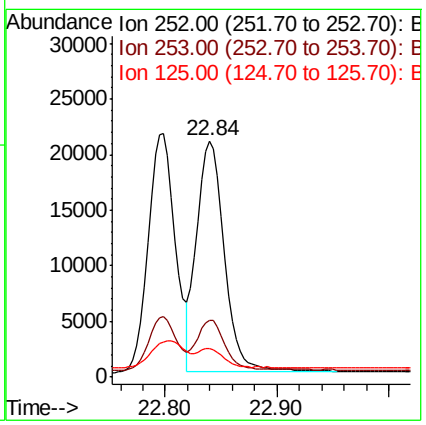


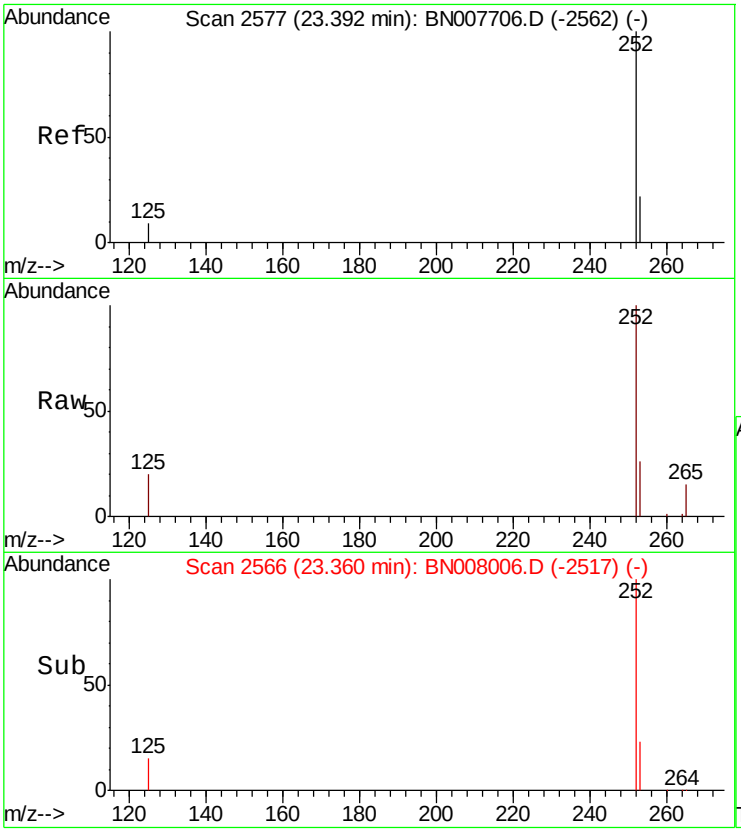


#36
Benzo(k)fluoranthene
Concen: 0.402 ng
RT: 22.84 min Scan# 2414
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:252 Resp: 35608

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.5	27.7
125	12.1	8.4	12.6



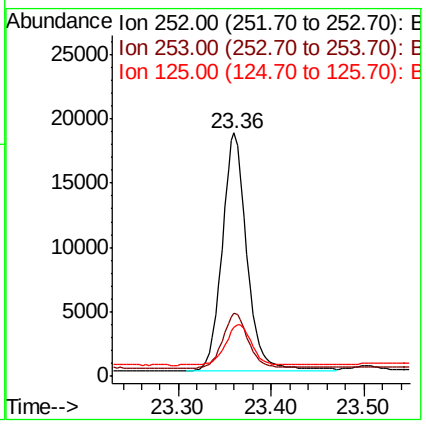


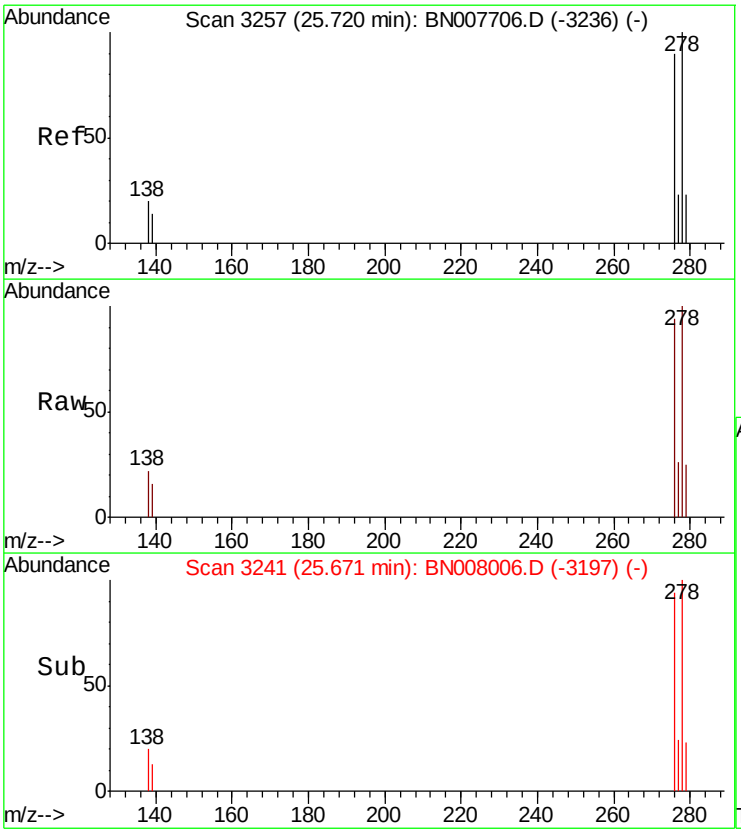
#37
Benzo(a)pyrene
Concen: 0.409 ng
RT: 23.36 min Scan# 2566
Delta R.T. -0.03 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 34378

Ion	Ratio	Lower	Upper
252	100		
253	26.0	18.6	27.8
125	20.0	9.4	14.0#

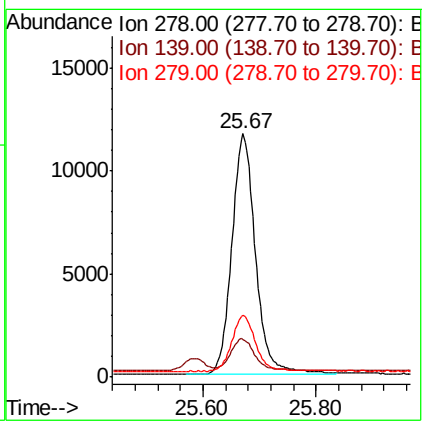


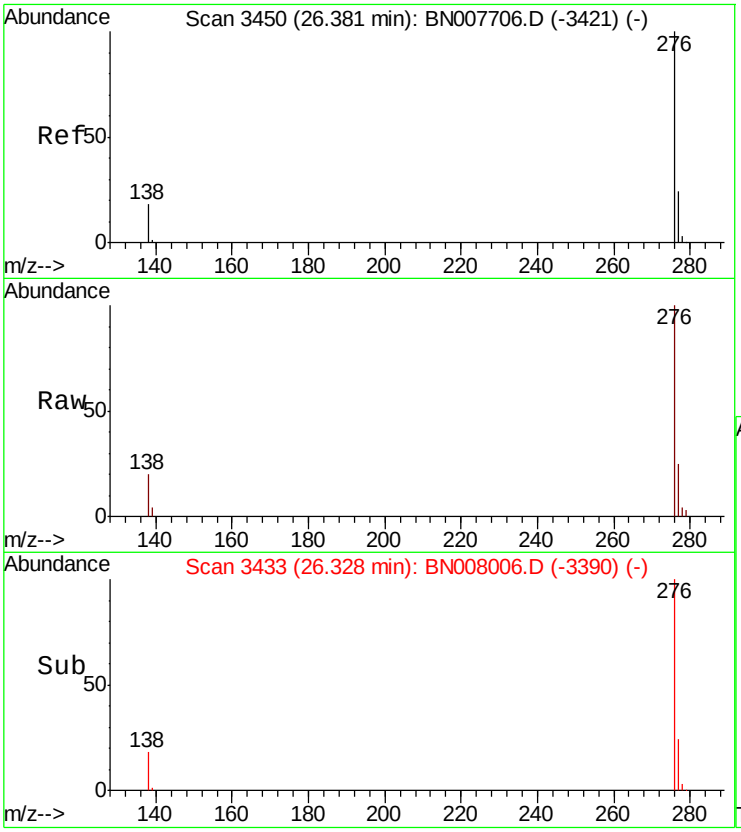


#38
Dibenzo(a,h)anthracene
Concen: 0.398 ng
RT: 25.67 min Scan# 3241
Delta R.T. -0.05 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Tgt Ion:278 Resp: 34256

Ion	Ratio	Lower	Upper
278	100		
139	15.6	11.8	17.6
279	25.2	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.406 ng
RT: 26.33 min Scan# 3433
Delta R.T. -0.05 min
Lab File: BN008006.D
Acq: 04 Oct 2019 16:47

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 34553

Ion	Ratio	Lower	Upper
276	100		
277	25.1	19.8	29.8
138	19.7	15.1	22.7