Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008005.D
Acq On : 04 Oct 2019 16:11
Operator : JU
Sample : PB123223BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 05 01:24:27 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	3972	0.40	ng		-0.02
7) Naphthalene-d8	10.44	136	15610	0.40	ng		-0.03
13) Acenaphthene-d10	14.30	164	9669	0.40	ng		-0.02
19) Phenanthrene-d10	17.05	188	20340	0.40	ng		-0.02
27) Chrysene-d12	21.25	240	23156	0.40	ng		-0.02
34) Perylene-d12	23.46	264	26065	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	4784	0.35	ng		-0.02
5) Phenol-d6	6.86	99	6044	0.35	ng		0.00
8) Nitrobenzene-d5	8.82	82	5288	0.39	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	11017	0.42	ng		-0.03
14) 2,4,6-Tribromophenol	15.80	330	1757	0.33	ng		-0.02
15) 2-Fluorobiphenyl	12.92	172	15399	0.39	ng		-0.02
25) Fluoranthene-d10	19.08	212	28218	0.41	ng		-0.02
29) Terphenyl-d14	19.69	244	23785	0.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.27	88	1542	0.348	ng	#	84
3) n-Nitrosodimethylamine	2.97	42	1414	0.697	ng	#	92
6) bis(2-Chloroethyl)ether	7.11	93	4844	0.431	ng		94
9) Naphthalene	10.49	128	18239	0.416	ng		99
10) Hexachlorobutadiene	10.79	225	4097	0.444	ng	#	100
12) 2-Methylnaphthalene	12.11	142	12436	0.420	ng		100
16) Acenaphthylene	14.01	152	19055	0.372	ng		100
17) Acenaphthene	14.36	154	12159	0.368	ng		97
18) Fluorene	15.35	166	15509	0.366	ng		99
20) 4-Bromophenyl-phenylether	16.24	248	5053	0.409	ng	#	76
21) Hexachlorobenzene	16.37	284	6024	0.446	ng		97
22) Pentachlorophenol	16.72	266	1708	0.343	ng		96
23) Phenanthrene	17.09	178	25677	0.405	ng		100
24) Anthracene	17.18	178	23473	0.410	ng		100
26) Fluoranthene	19.11	202	32028	0.407	ng		99
28) Pyrene	19.48	202	33092	0.419	ng		100
30) Benzo(a)anthracene	21.23	228	34281	0.402	ng		100
31) Chrysene	21.28	228	33791	0.407	ng		100
32) Bis(2-ethylhexyl)phthalate	21.17	149	19089	0.435	ng		100
33) Indeno(1,2,3-cd)pyrene	25.66	276	42133	0.405	ng		98
35) Benzo(b)fluoranthene	22.84	252	35453	0.392	ng		96
36) Benzo(k)fluoranthene	22.84	252	35453	0.396	ng		97
37) Benzo(a)pyrene	23.36	252	34373	0.404	ng	#	88
38) Dibenzo(a,h)anthracene	25.67	278	34430	0.396	ng		97
39) Benzo(g,h,i)perylene	26.33	276	34608	0.402	ng		99

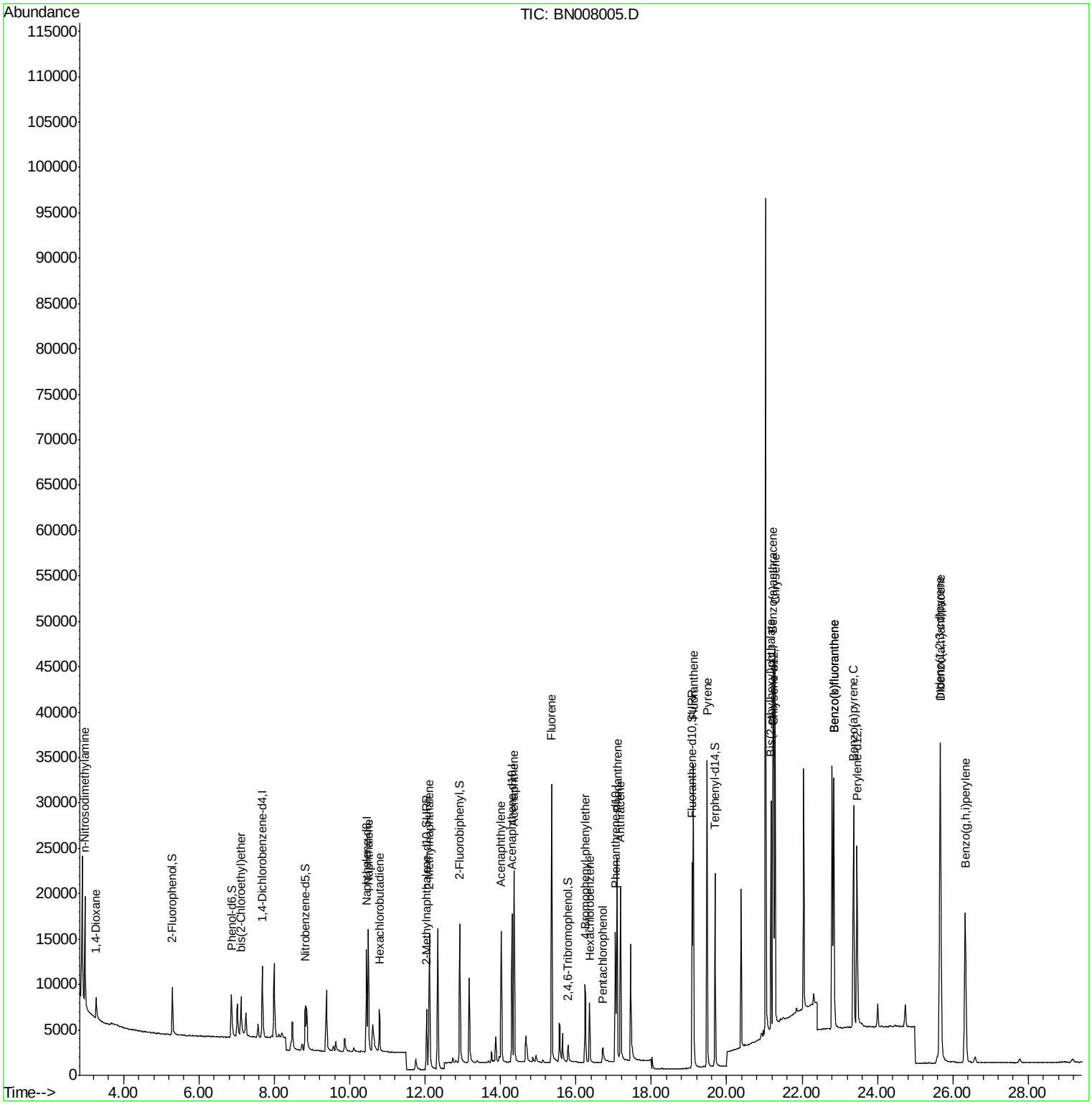
(#) = qualifier out of range (m) = manual integration (+) = signals summed

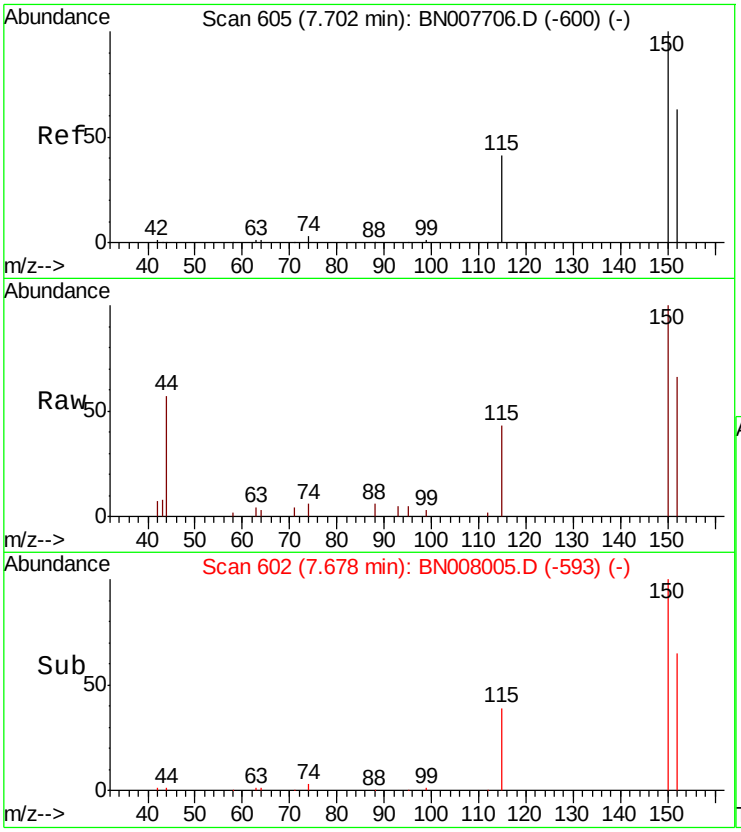
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100419\
Data File : BN008005.D
Acq On : 04 Oct 2019 16:11
Operator : JU
Sample : PB123223BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Oct 05 01:24:27 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



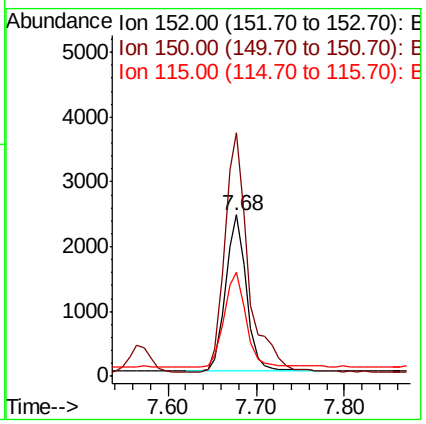


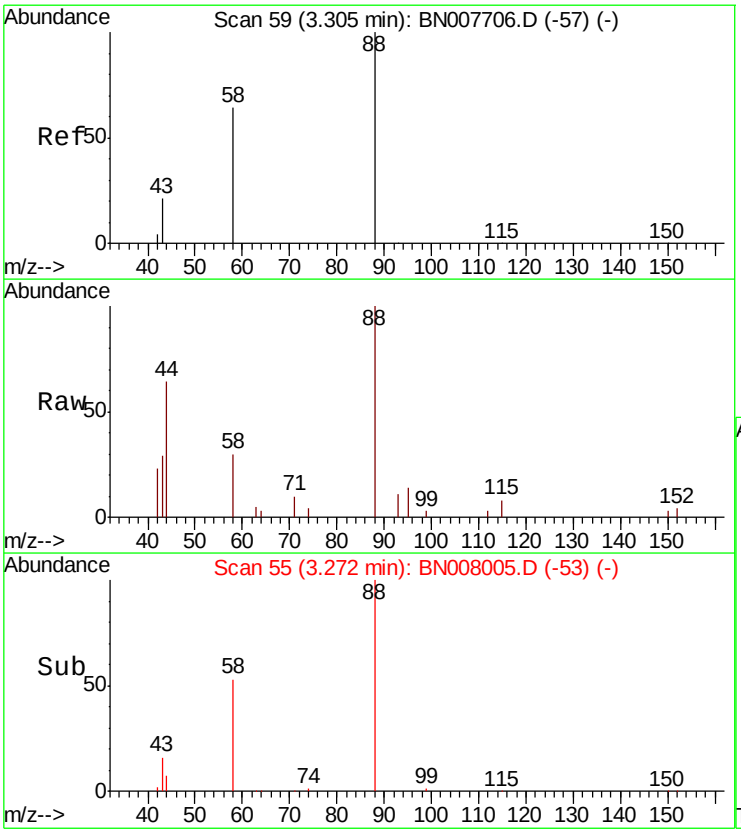
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 602
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 3972

Ion	Ratio	Lower	Upper
152	100		
150	151.0	125.6	188.4
115	64.5	53.3	79.9

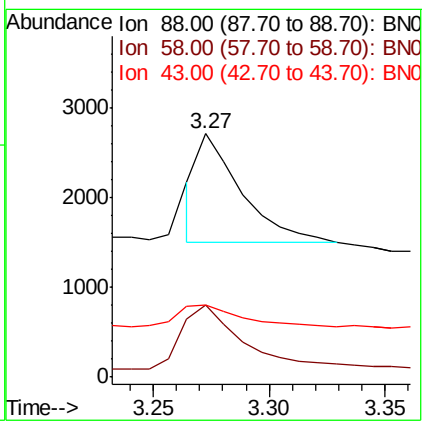


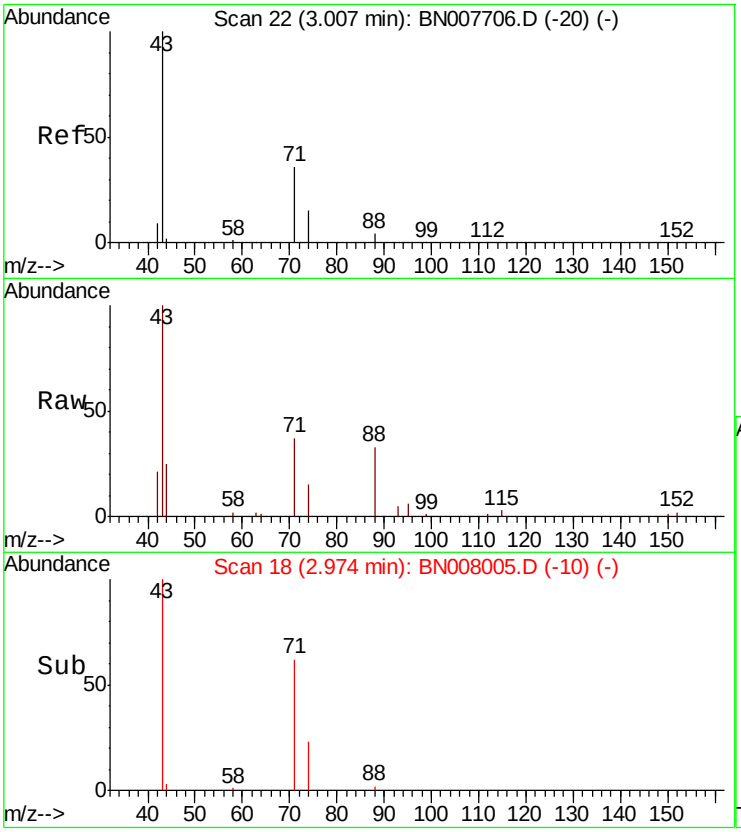


#2
1,4-Dioxane
Concen: 0.348 ng
RT: 3.27 min Scan# 55
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 88 Resp: 1542

Ion	Ratio	Lower	Upper
88	100		
58	49.6	44.6	66.8
43	0.0	14.4	21.6#



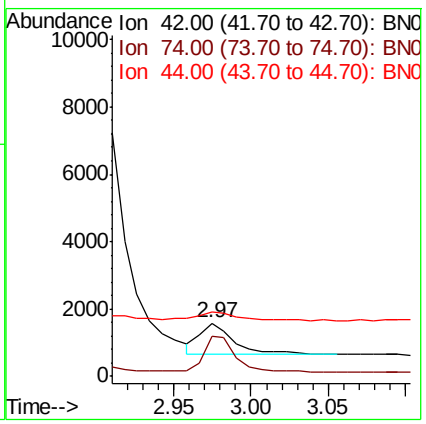


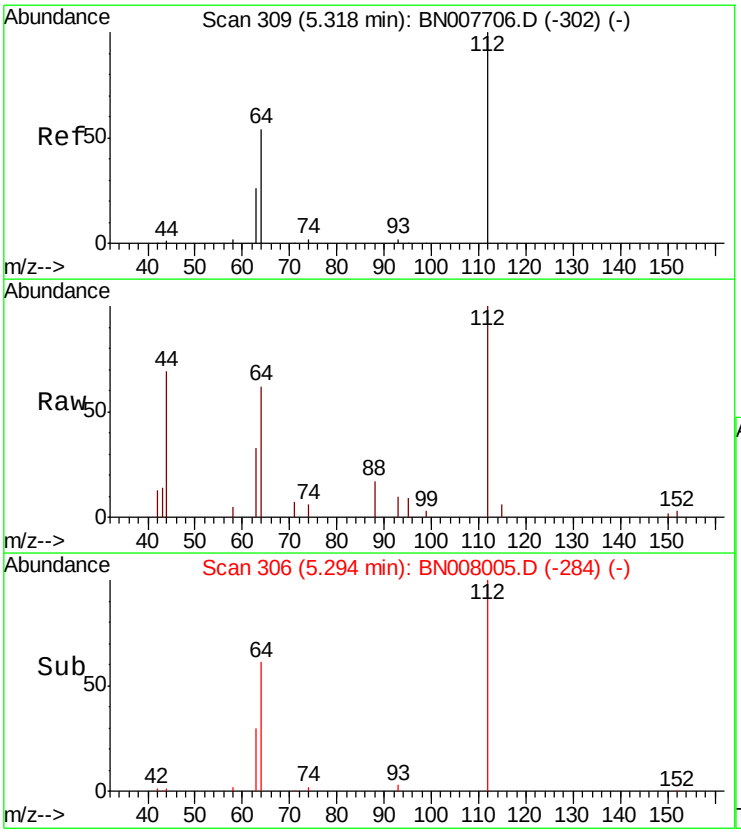
#3
n-Nitrosodimethylamine
Concen: 0.697 ng
RT: 2.97 min Scan# 18
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 42 Resp: 1414

Ion	Ratio	Lower	Upper
42	100		
74	104.4	87.9	131.9
44	27.9	29.4	44.0#

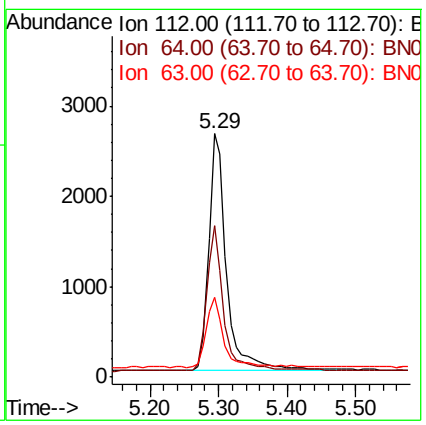


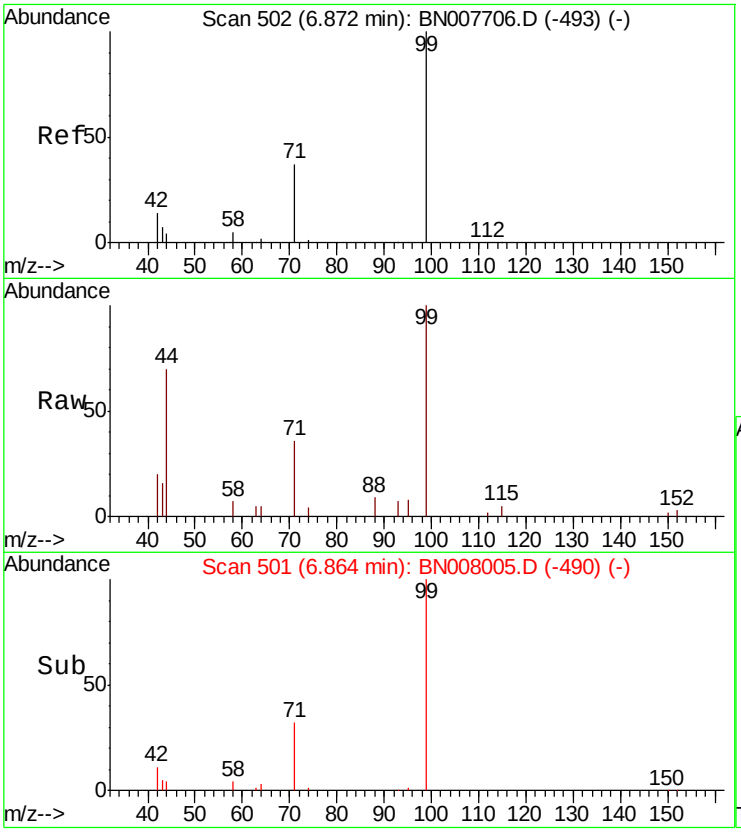


#4
2-Fluorophenol
Concen: 0.350 ng
RT: 5.29 min Scan# 306
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:112 Resp: 4784

Ion	Ratio	Lower	Upper
112	100		
64	57.4	46.6	70.0
63	29.1	23.1	34.7



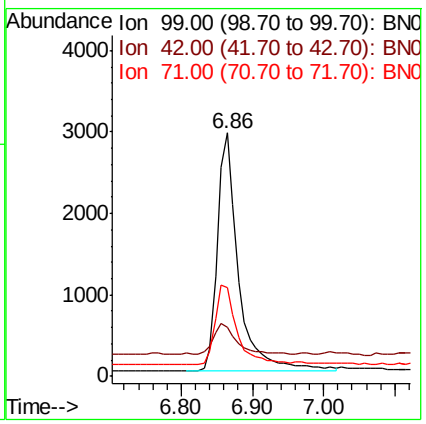


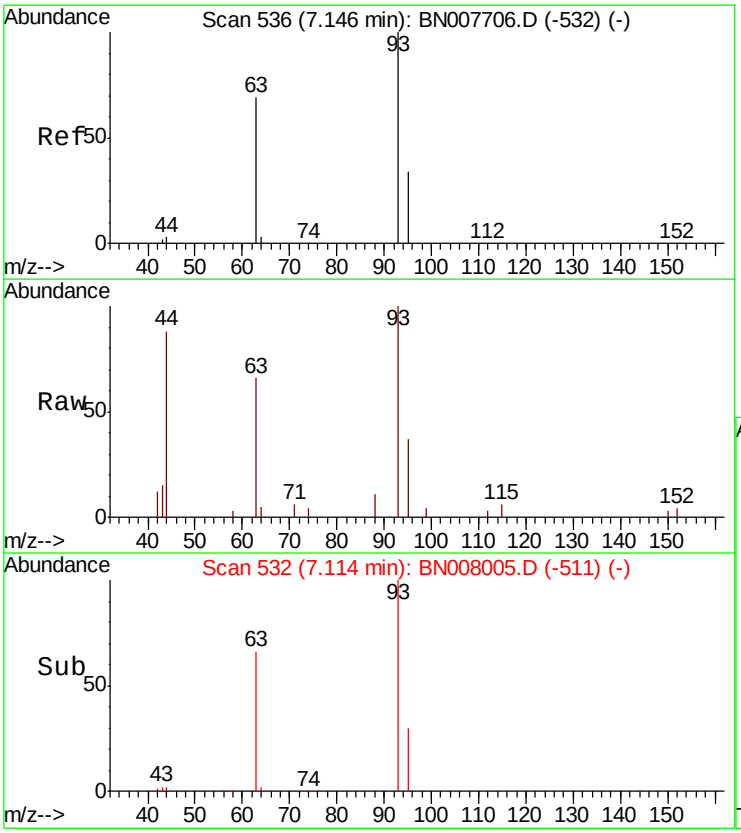
#5
Phenol-d6
Concen: 0.354 ng
RT: 6.86 min Scan# 501
Delta R.T. -0.01 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 99 Resp: 6044

Ion	Ratio	Lower	Upper
99	100		
42	14.9	12.8	19.2
71	35.4	27.6	41.4

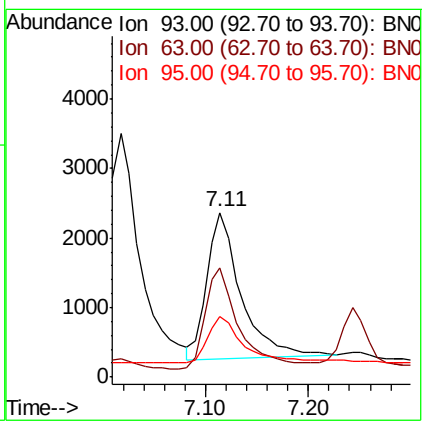


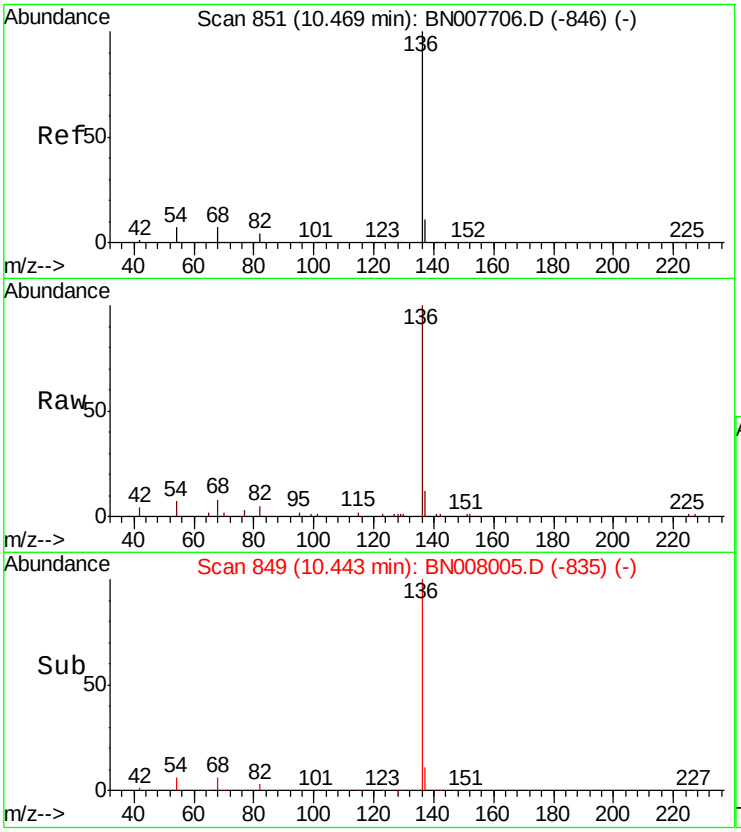


#6
bis(2-Chloroethyl)ether
Concen: 0.431 ng
RT: 7.11 min Scan# 532
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 93 Resp: 4844

Ion	Ratio	Lower	Upper
93	100		
63	68.2	59.3	88.9
95	36.1	31.4	47.0



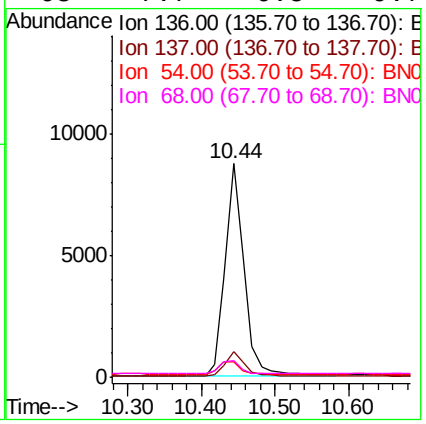


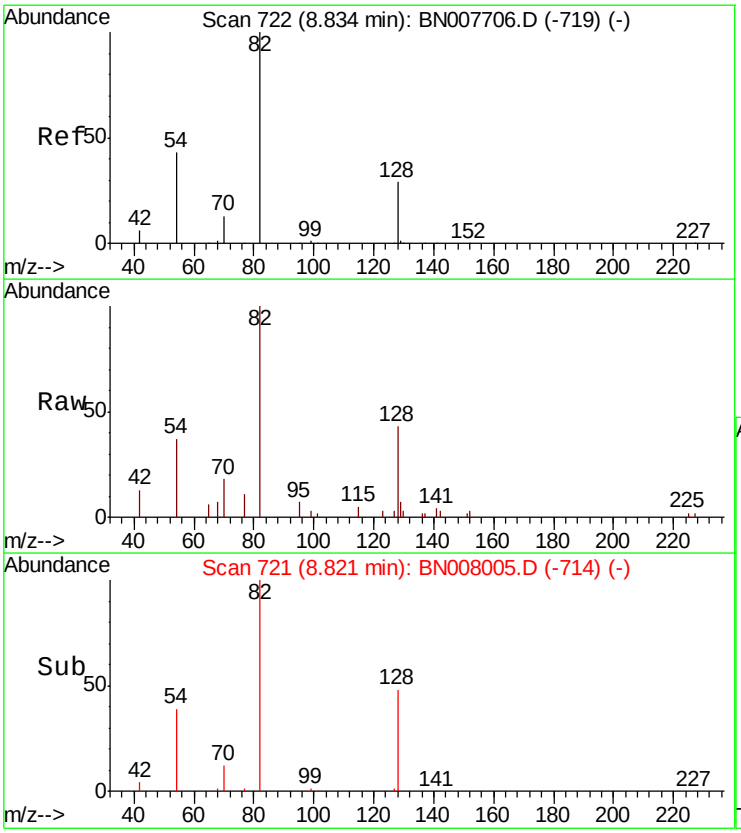
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 849
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 15610

Ion	Ratio	Lower	Upper
136	100		
137	11.8	9.2	13.8
54	7.0	5.8	8.8
68	7.7	6.5	9.7

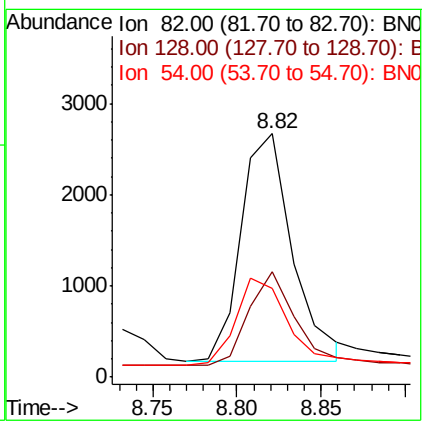


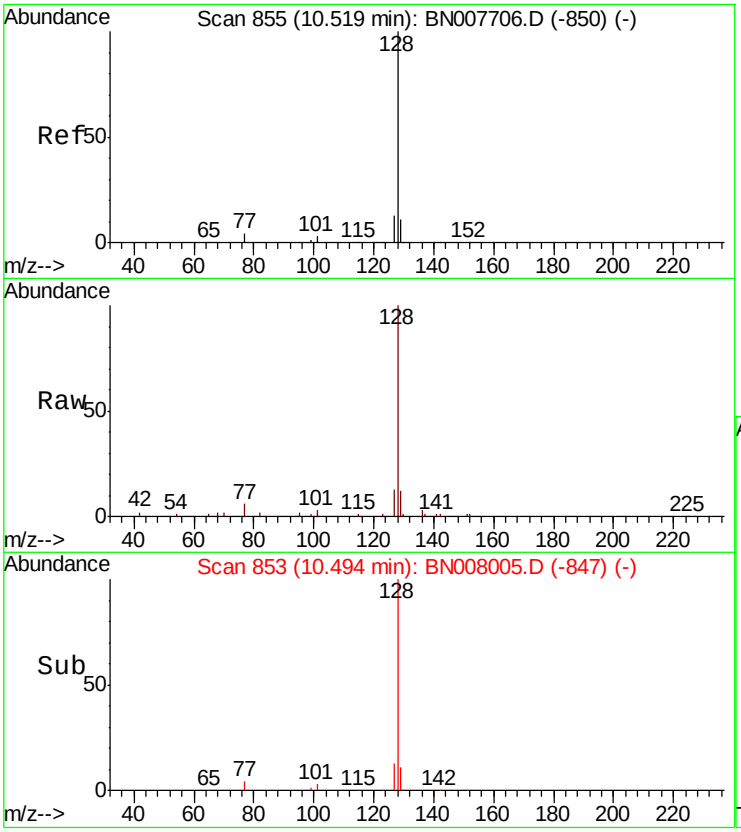


#8
Nitrobenzene-d5
Concen: 0.387 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion: 82 Resp: 5288

Ion	Ratio	Lower	Upper
82	100		
128	43.1	24.5	36.7#
54	36.6	35.2	52.8



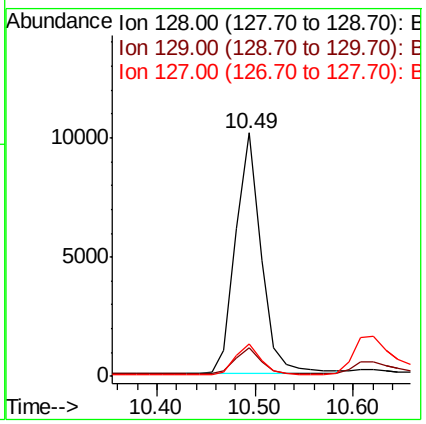


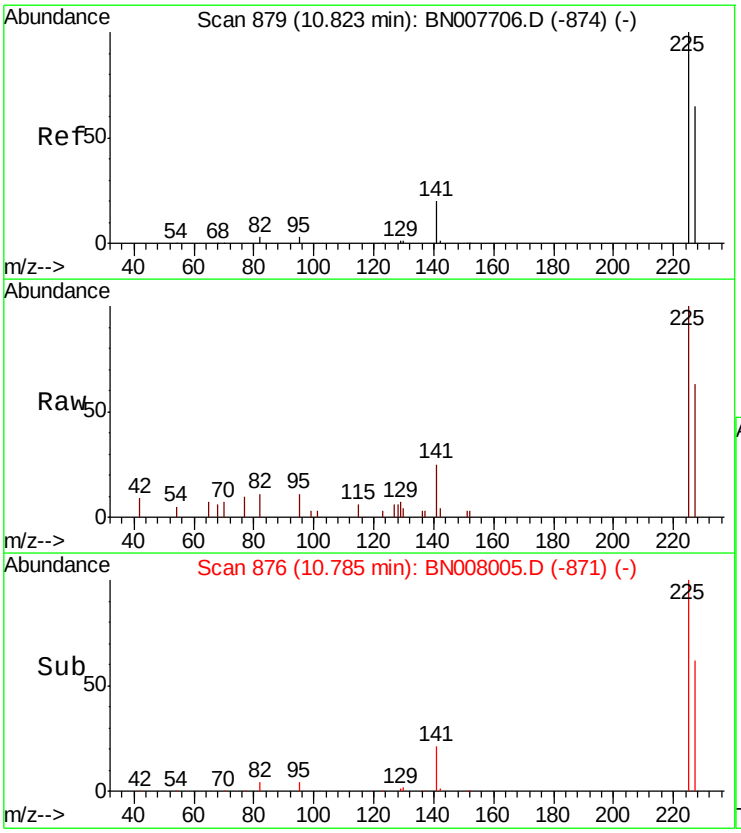
#9
Naphthalene
Concen: 0.416 ng
RT: 10.49 min Scan# 853
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 18239

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	13.4	10.6	15.8

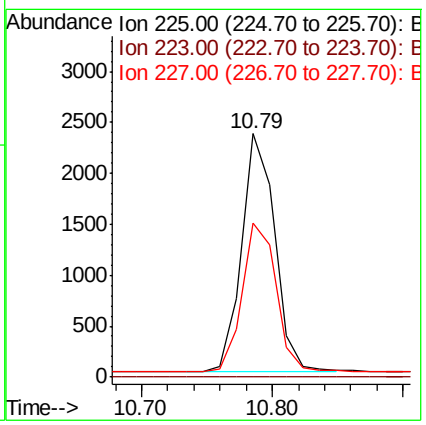


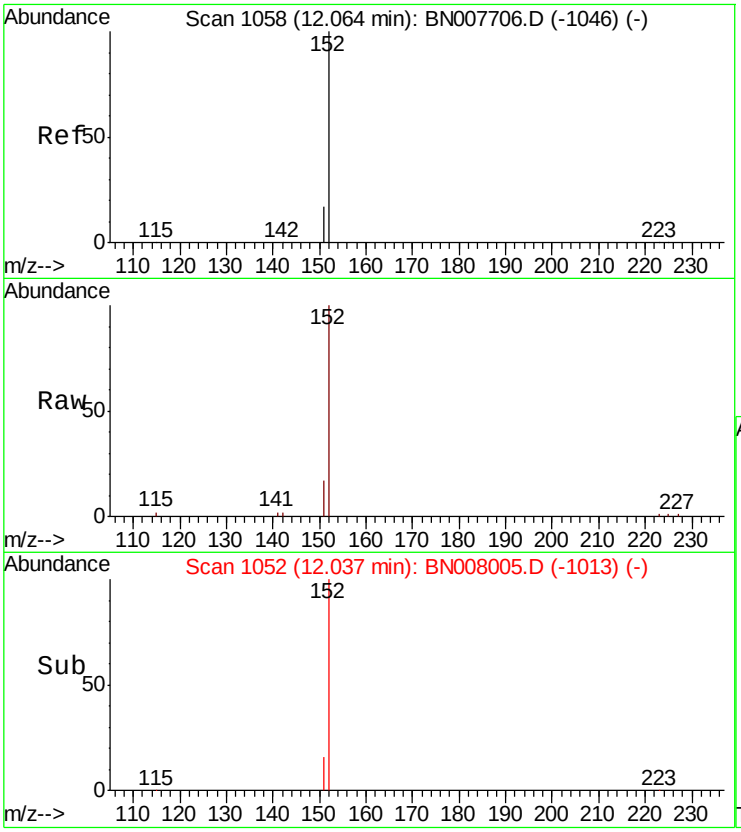


#10
Hexachlorobutadiene
Concen: 0.444 ng
RT: 10.79 min Scan# 876
Delta R.T. -0.04 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:225 Resp: 4097

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.2	51.2	76.8



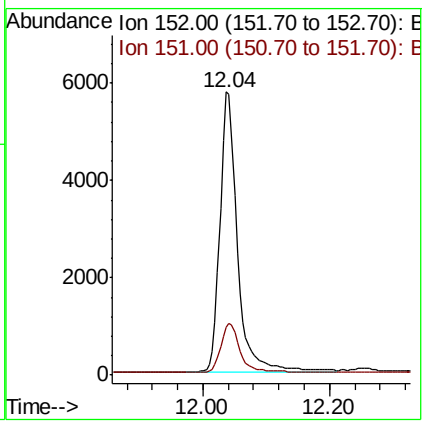


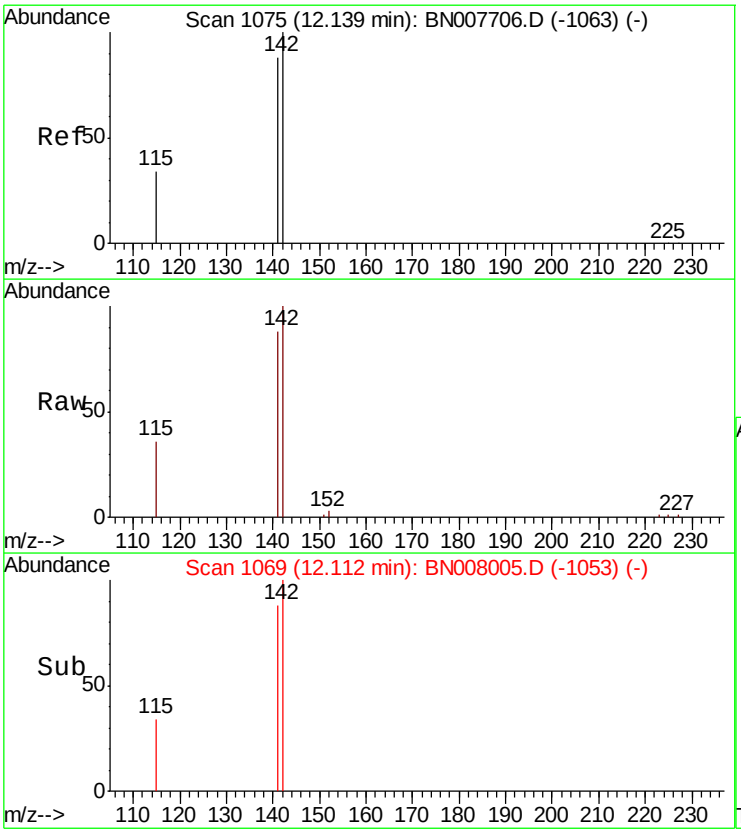
#11
2-Methylnaphthalene-d10
Concen: 0.419 ng
RT: 12.04 min Scan# 1052
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 11017

Ion	Ratio	Lower	Upper
152	100		
151	18.6	15.4	23.2

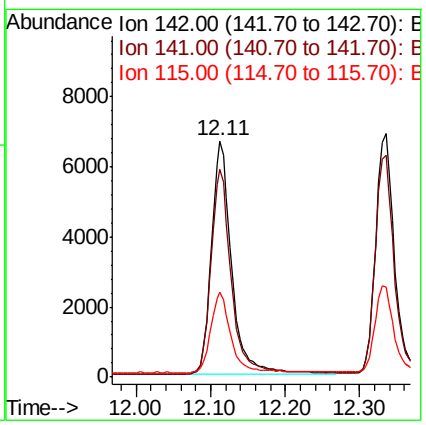


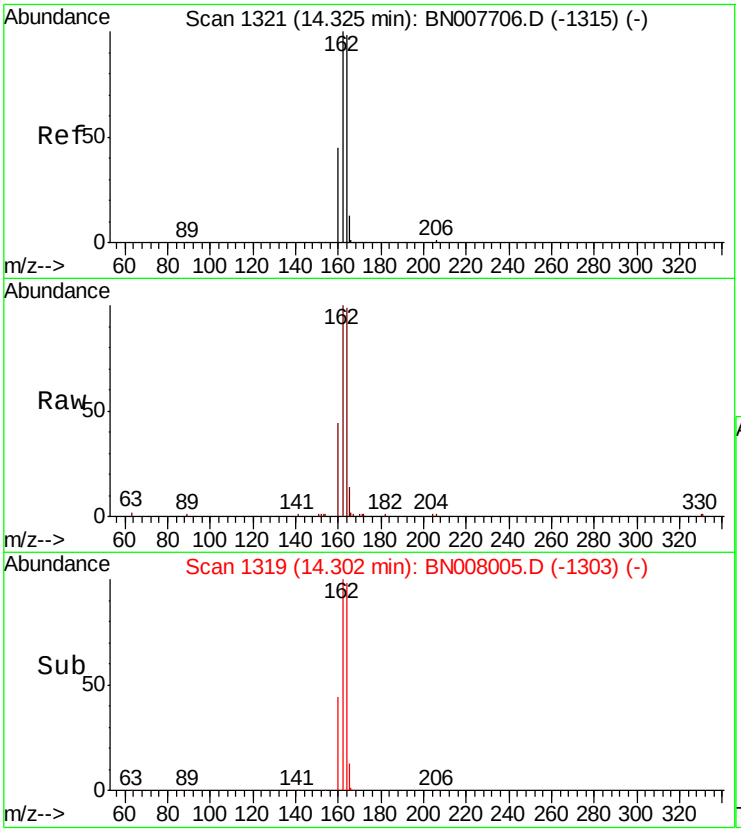


#12
2-Methylnaphthalene
Concen: 0.420 ng
RT: 12.11 min Scan# 1069
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:142 Resp: 12436

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	35.9	28.3	42.5



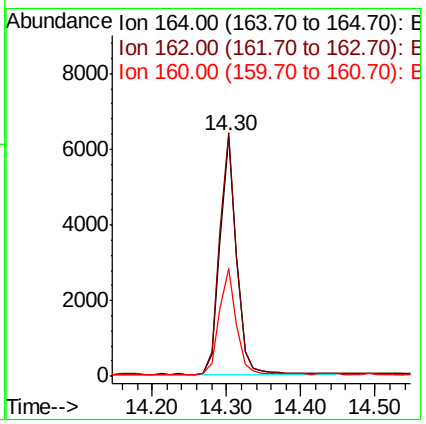


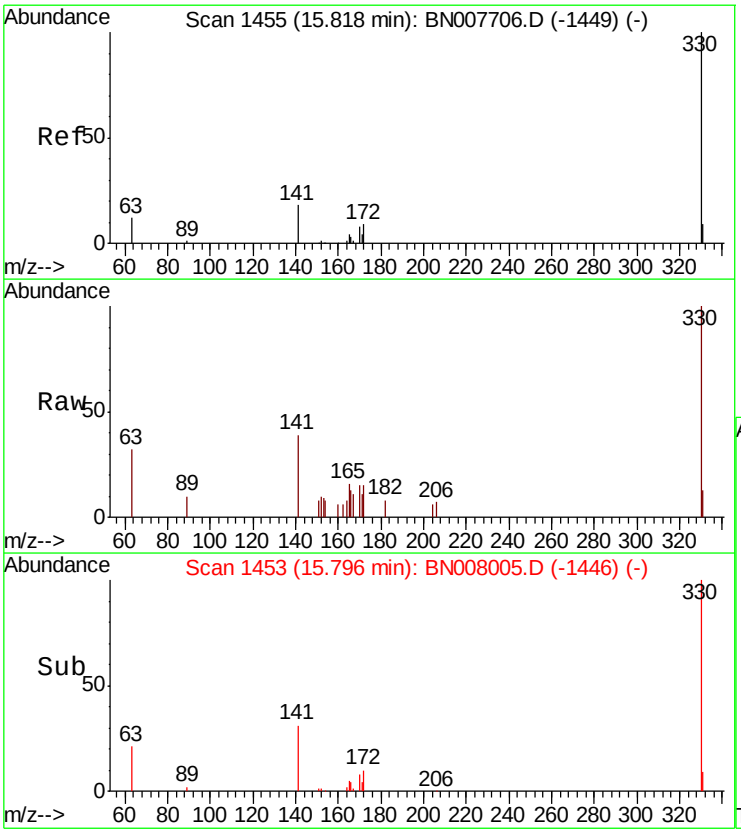
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1319
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:164 Resp: 9669

Ion	Ratio	Lower	Upper
164	100		
162	101.5	81.7	122.5
160	45.0	37.0	55.4

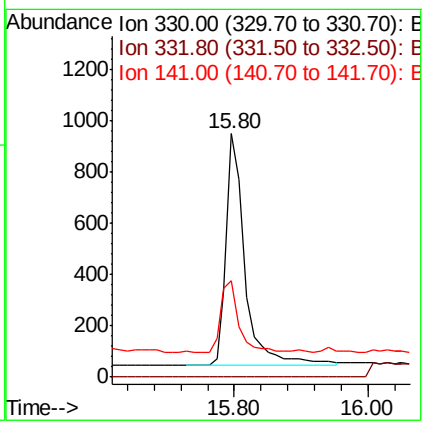


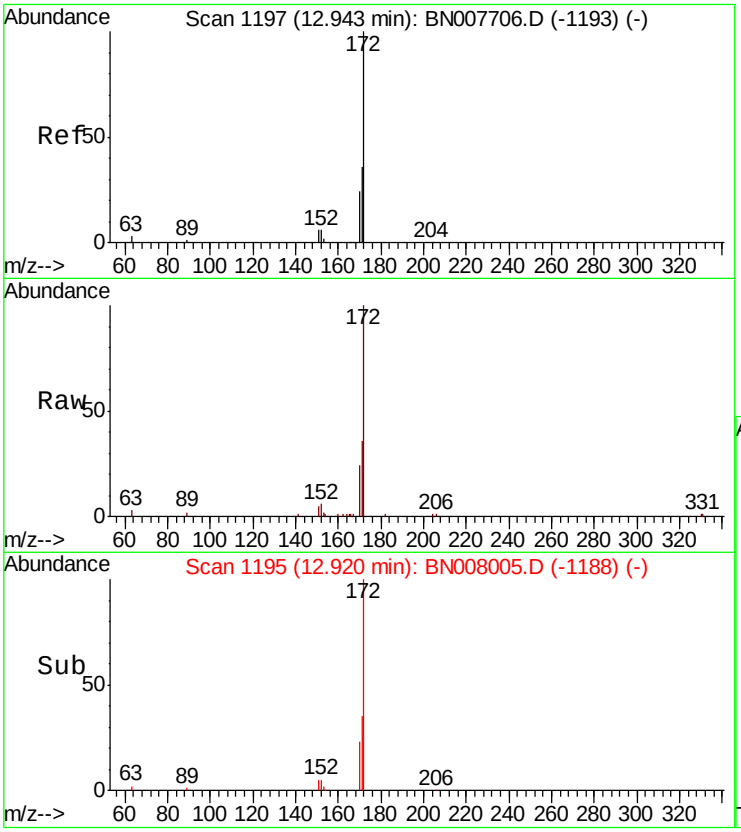


#14
2,4,6-Tribromophenol
Concen: 0.334 ng
RT: 15.80 min Scan# 1453
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:330 Resp: 1757

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	31.5	28.7	43.1



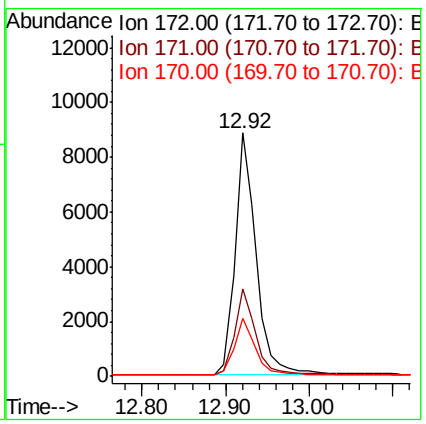


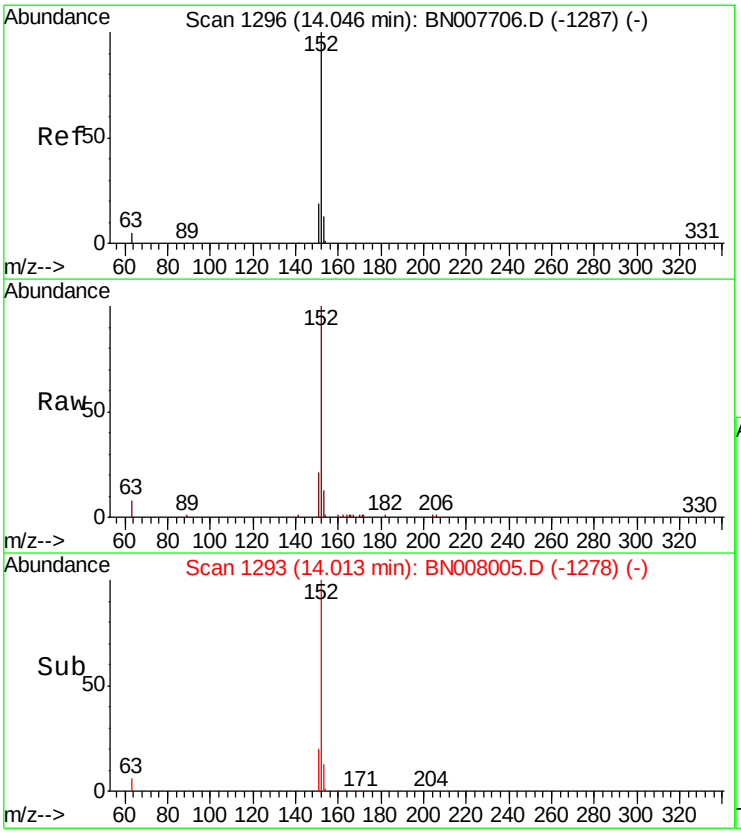
#15
2-Fluorobiphenyl
Concen: 0.387 ng
RT: 12.92 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:172 Resp: 15399

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.8	43.2
170	23.6	19.5	29.3

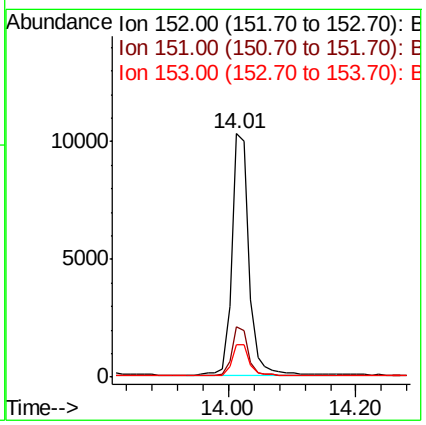


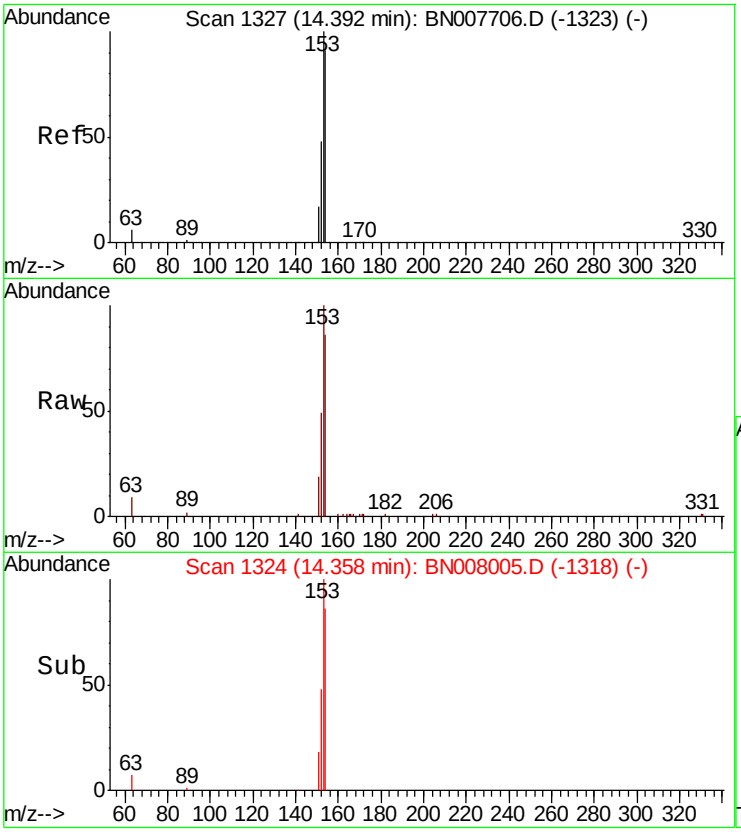


#16
Acenaphthylene
Concen: 0.372 ng
RT: 14.01 min Scan# 1293
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:152 Resp: 19055

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.5	23.3
153	13.1	10.4	15.6



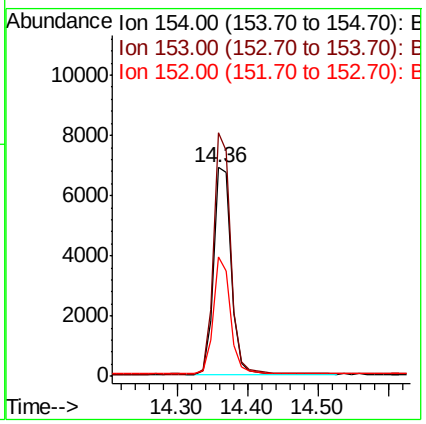


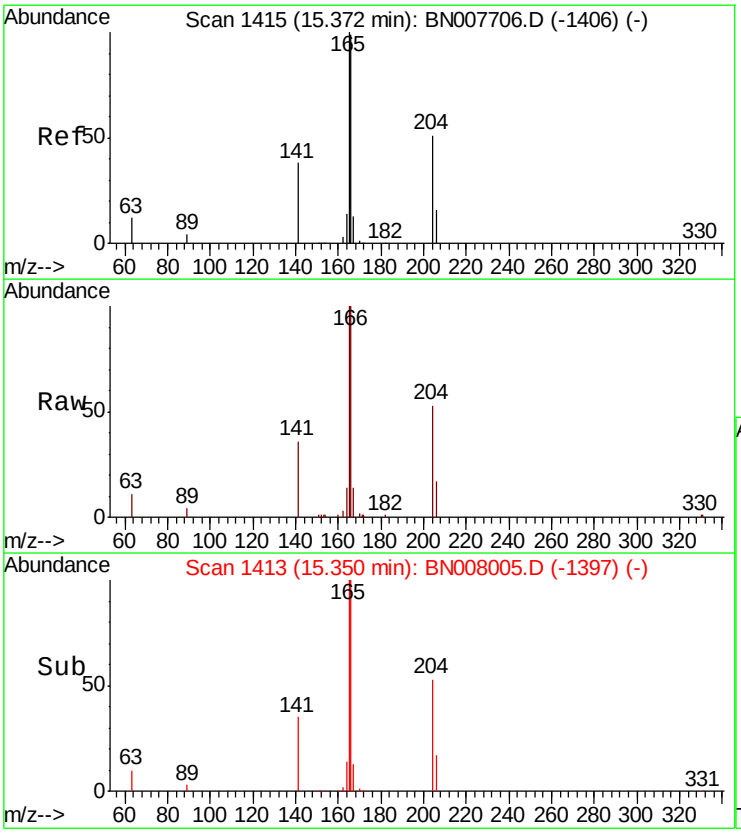
#17
Acenaphthene
Concen: 0.368 ng
RT: 14.36 min Scan# 1324
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:154 Resp: 12159

Ion	Ratio	Lower	Upper
154	100		
153	113.6	87.0	130.4
152	54.1	42.7	64.1

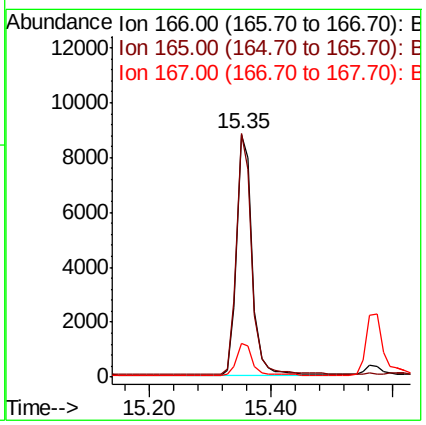


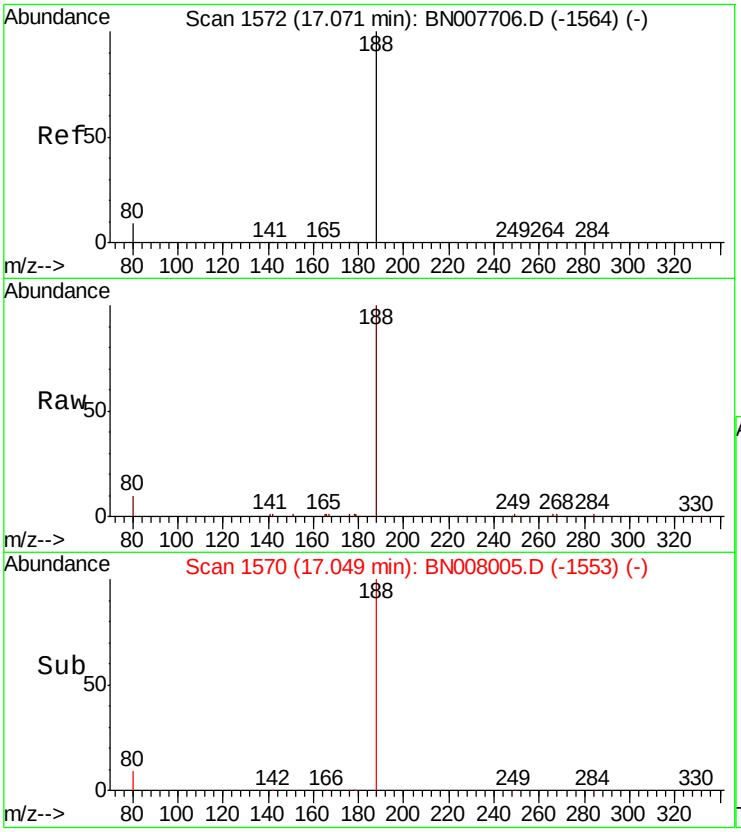


#18
Fluorene
Concen: 0.366 ng
RT: 15.35 min Scan# 1413
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:166 Resp: 15509

Ion	Ratio	Lower	Upper
166	100		
165	98.3	78.0	117.0
167	13.3	10.9	16.3



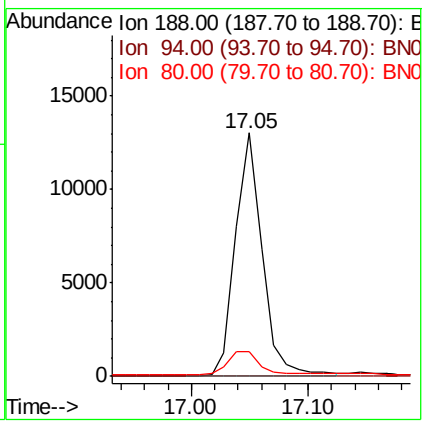


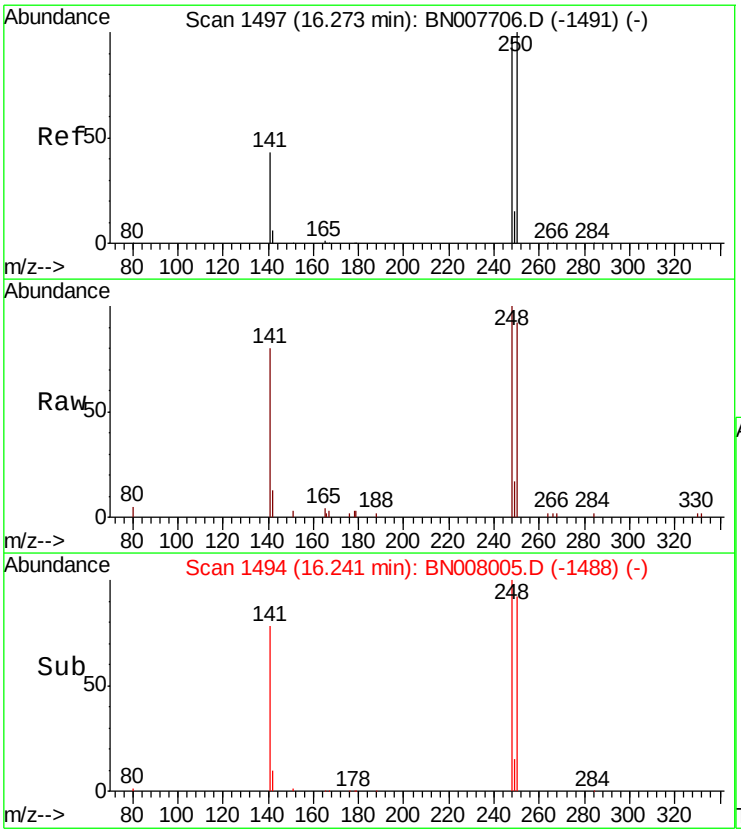
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1570
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:188 Resp: 20340

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.1	7.4	11.2

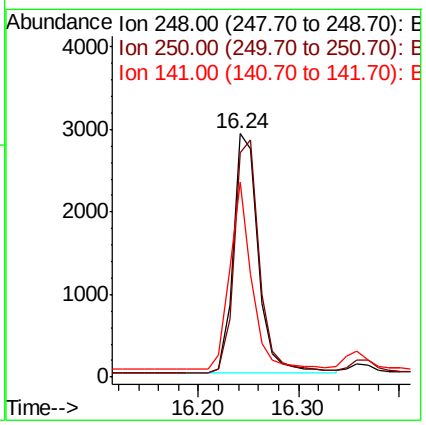


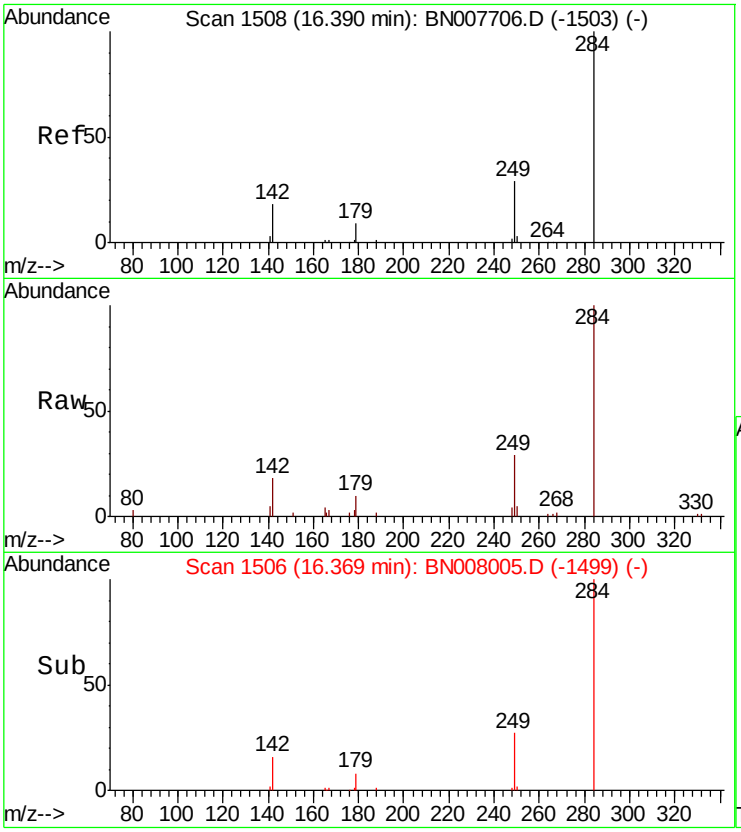


#20
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.24 min Scan# 1494
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:248 Resp: 5053

Ion	Ratio	Lower	Upper
248	100		
250	92.1	82.2	123.4
141	80.2	36.3	54.5#



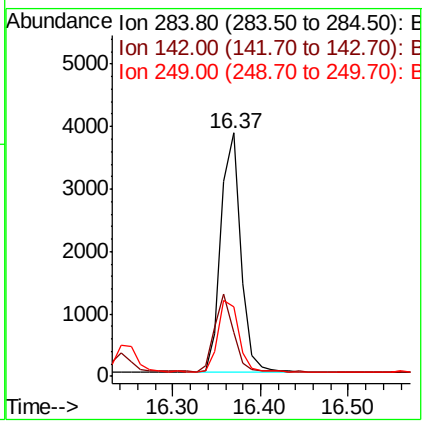


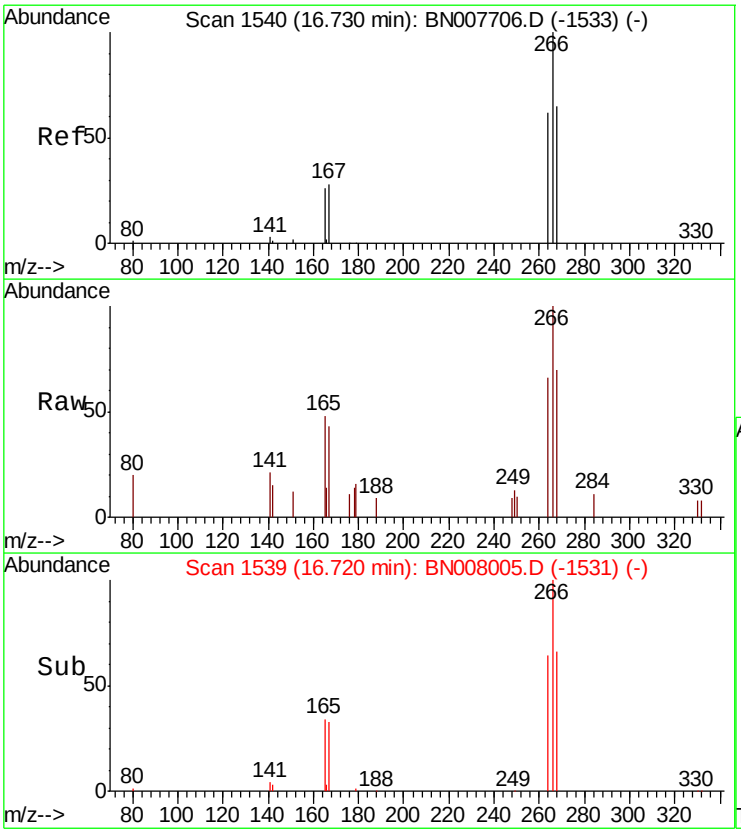
#21
Hexachlorobenzene
Concen: 0.446 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:284 Resp: 6024

Ion	Ratio	Lower	Upper
284	100		
142	30.4	25.8	38.6
249	31.1	25.9	38.9

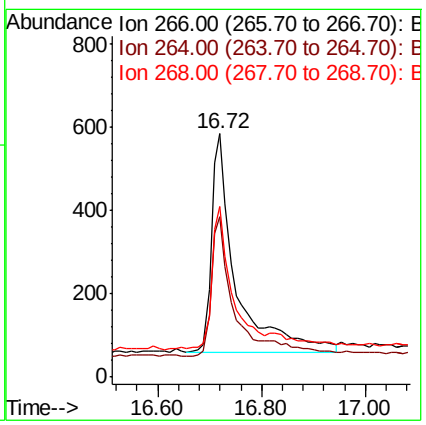


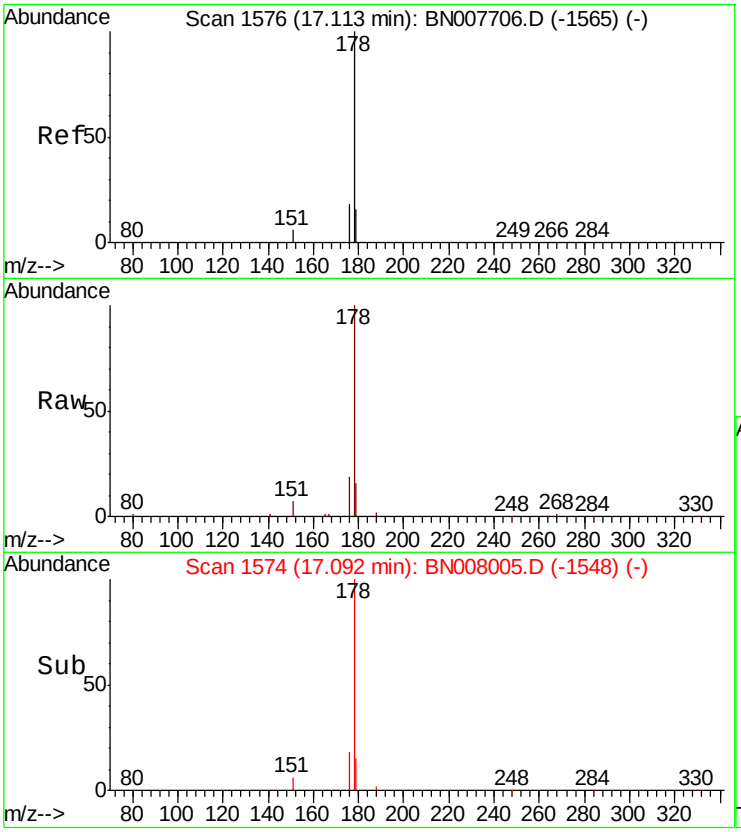


#22
Pentachlorophenol
Concen: 0.343 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:266 Resp: 1708

Ion	Ratio	Lower	Upper
266	100		
264	65.8	50.0	75.0
268	70.2	54.2	81.4



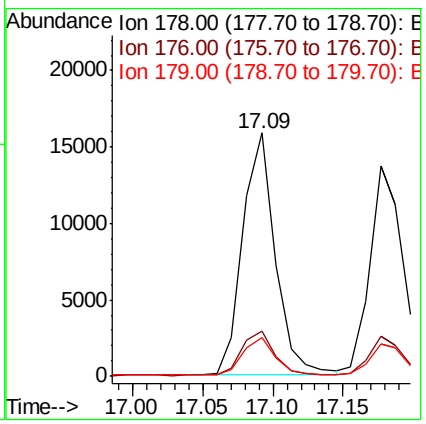


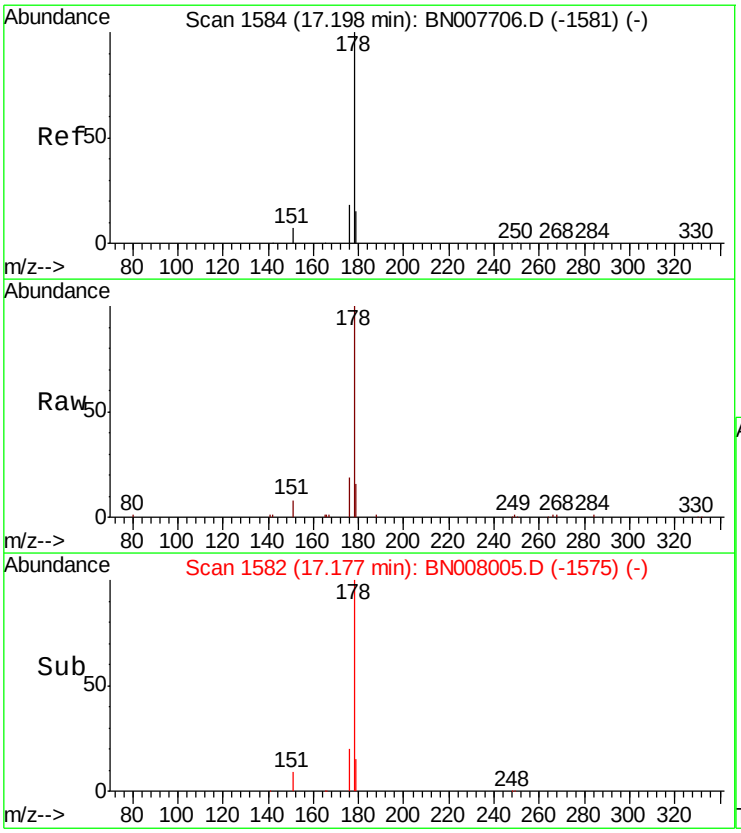
#23
Phenanthrene
Concen: 0.405 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 25677

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.5	12.5	18.7

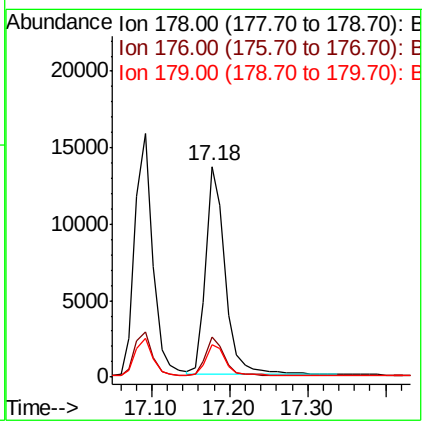


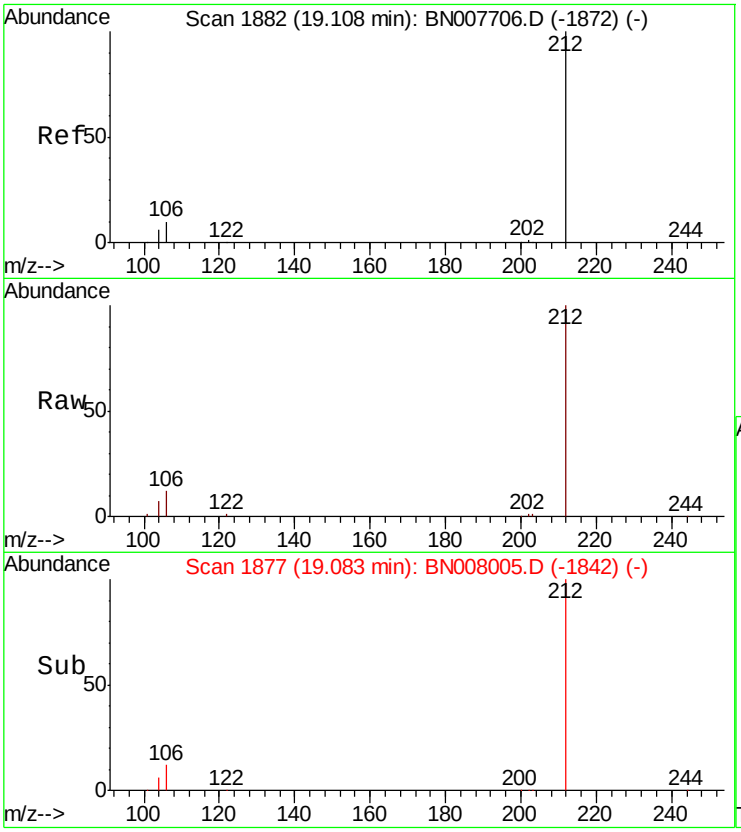


#24
Anthracene
Concen: 0.410 ng
RT: 17.18 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:178 Resp: 23473

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	15.1	12.2	18.4



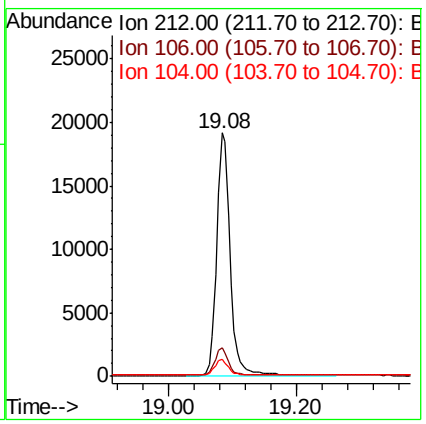


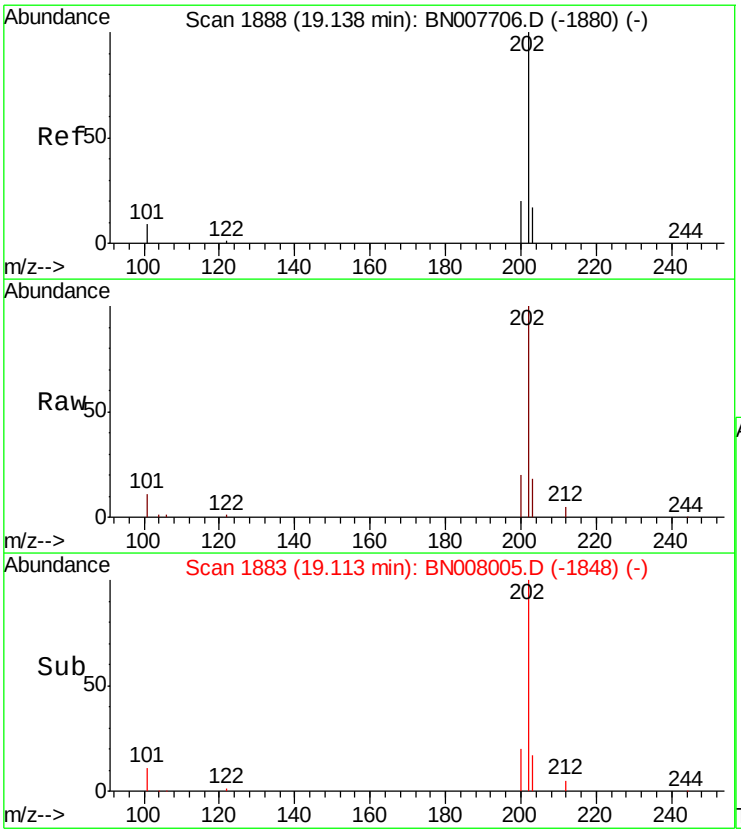
#25
Fluoranthene-d10
Concen: 0.412 ng
RT: 19.08 min Scan# 1877
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 28218

Ion	Ratio	Lower	Upper
212	100		
106	11.2	9.4	14.0
104	6.4	5.3	7.9

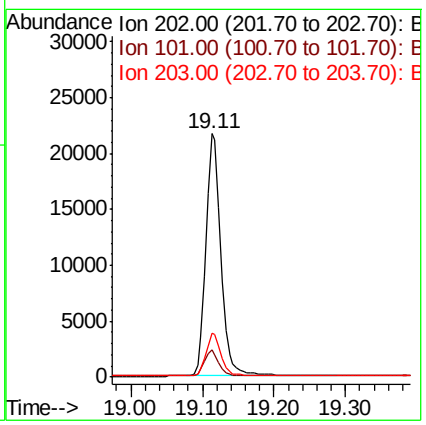


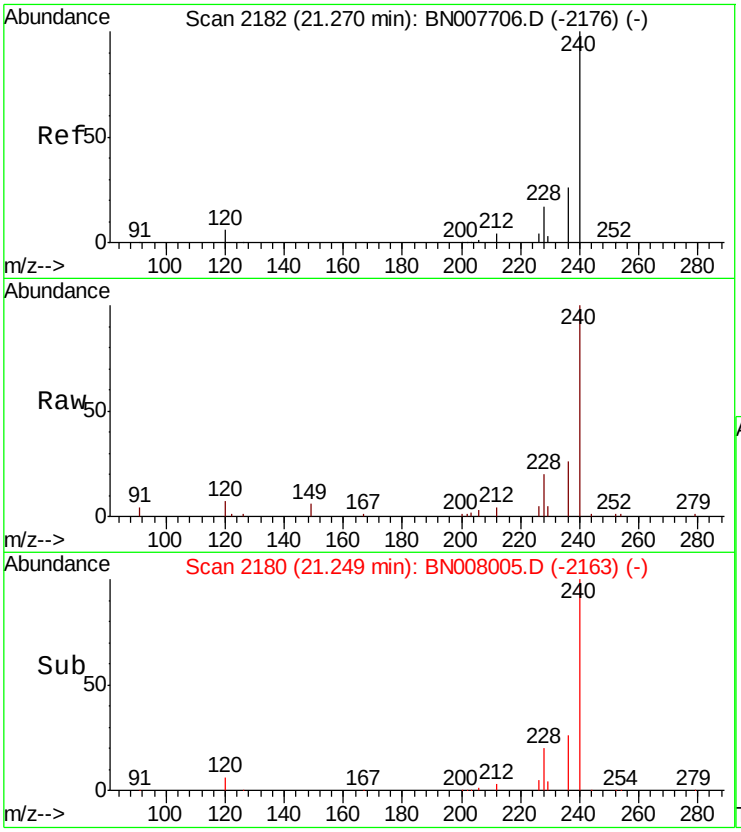


#26
Fluoranthene
Concen: 0.407 ng
RT: 19.11 min Scan# 1883
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:202 Resp: 32028

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
203	17.1	13.8	20.8



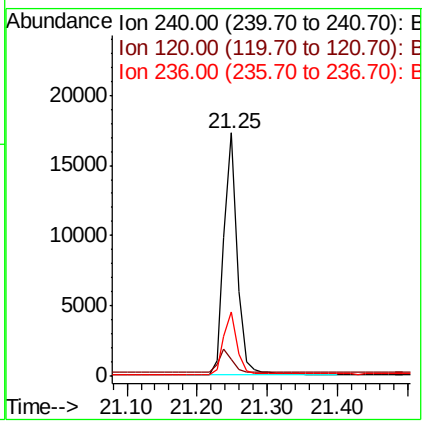


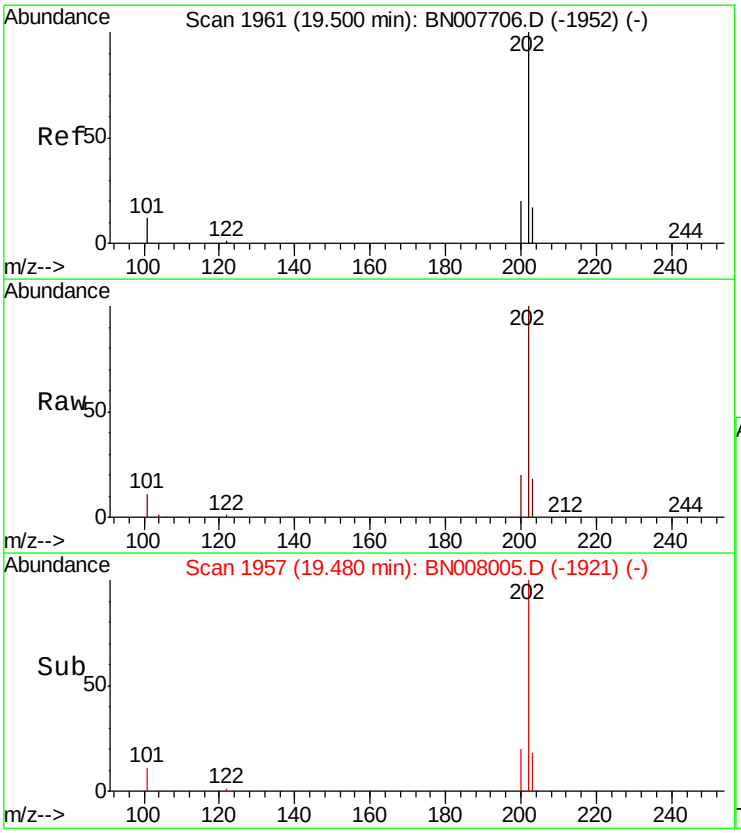
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 23156

Ion	Ratio	Lower	Upper
240	100		
120	7.1	5.4	8.2
236	26.5	21.0	31.4

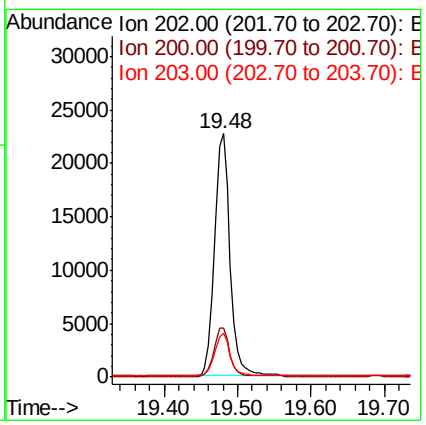


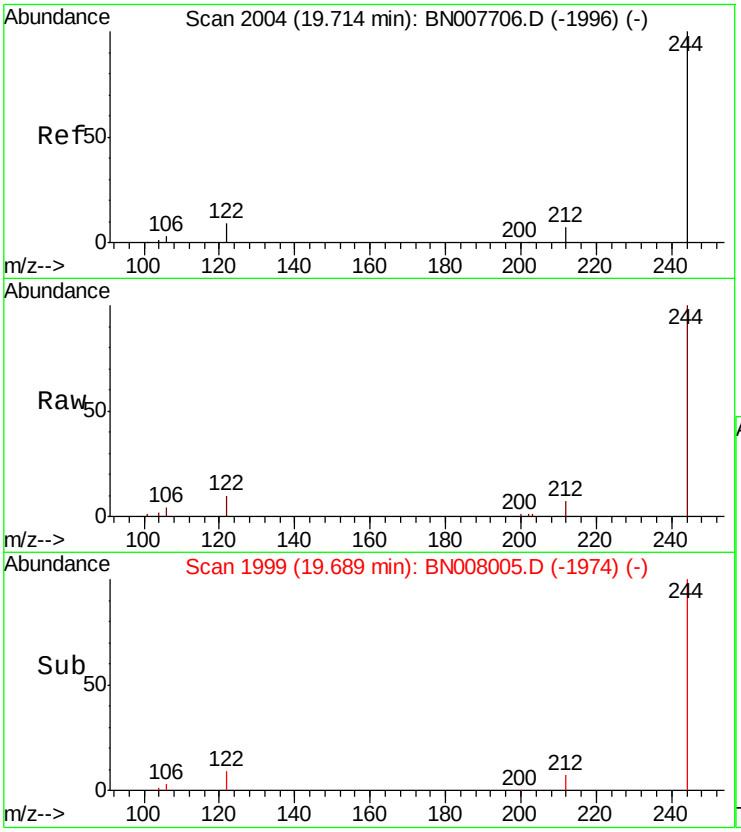


#28
Pyrene
Concen: 0.419 ng
RT: 19.48 min Scan# 1957
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:202 Resp: 33092

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.8	14.1	21.1



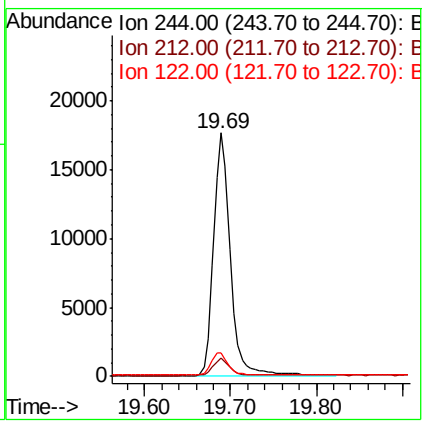


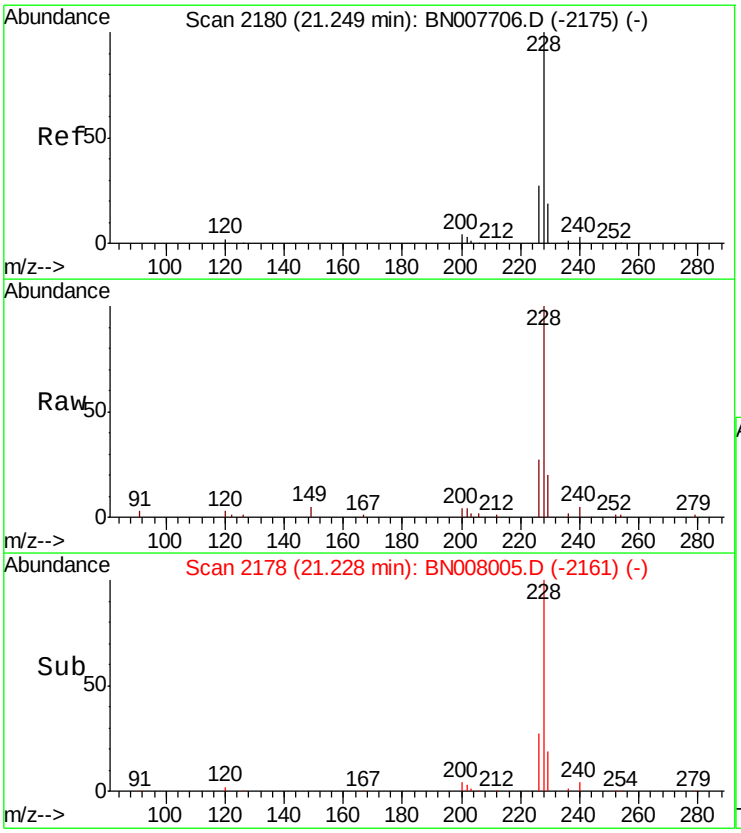
#29
Terphenyl-d14
Concen: 0.418 ng
RT: 19.69 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 23785

Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.9	8.9
122	9.7	7.4	11.2

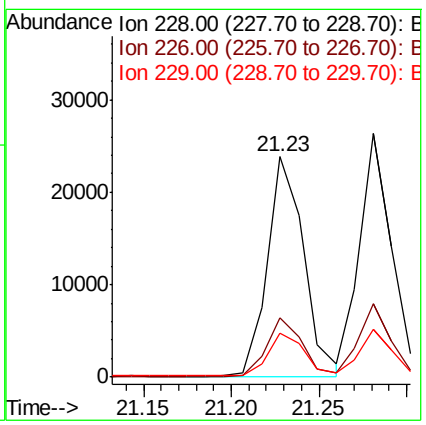


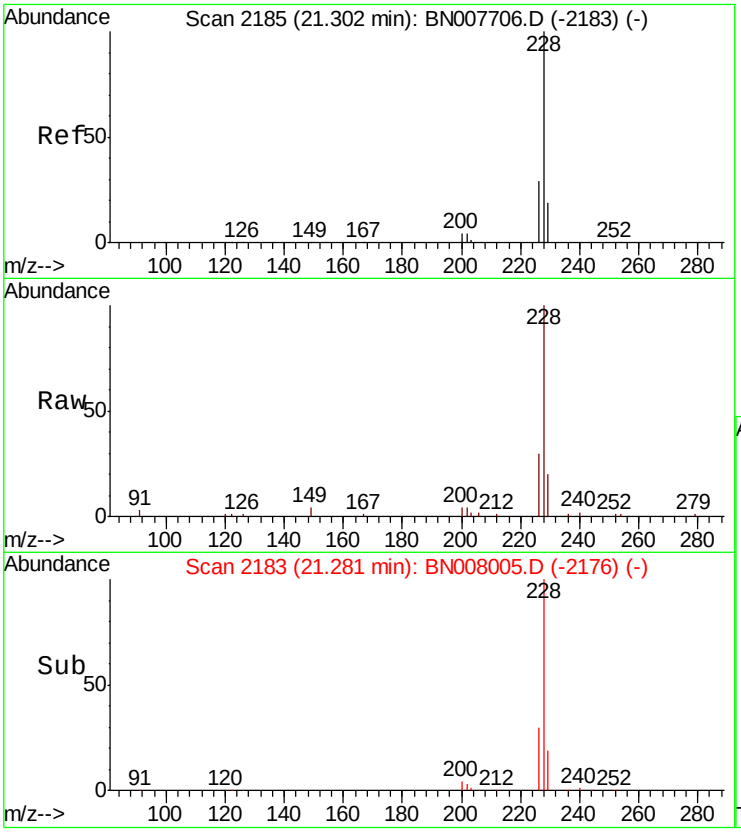


#30
Benzo(a)anthracene
Concen: 0.402 ng
RT: 21.23 min Scan# 2178
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:228 Resp: 34281

Ion	Ratio	Lower	Upper
228	100		
226	27.2	22.1	33.1
229	19.7	15.8	23.6



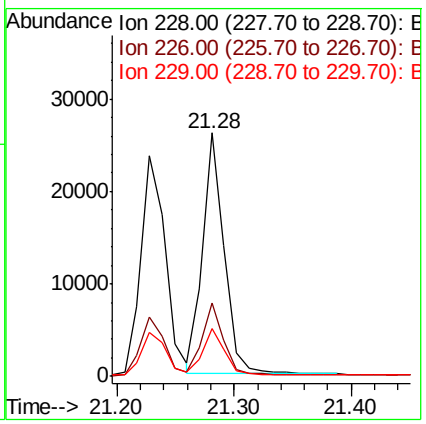


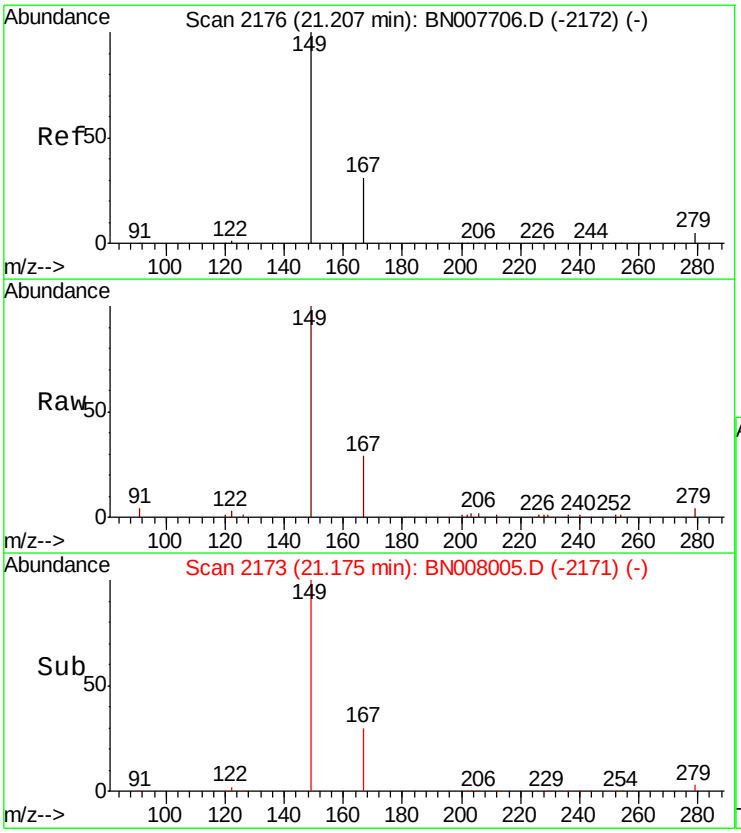
#31
Chrysene
Concen: 0.407 ng
RT: 21.28 min Scan# 2183
Delta R.T. -0.02 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 33791

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.9	35.9
229	19.7	15.8	23.6

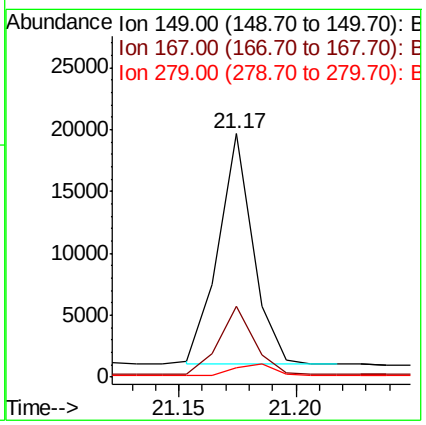


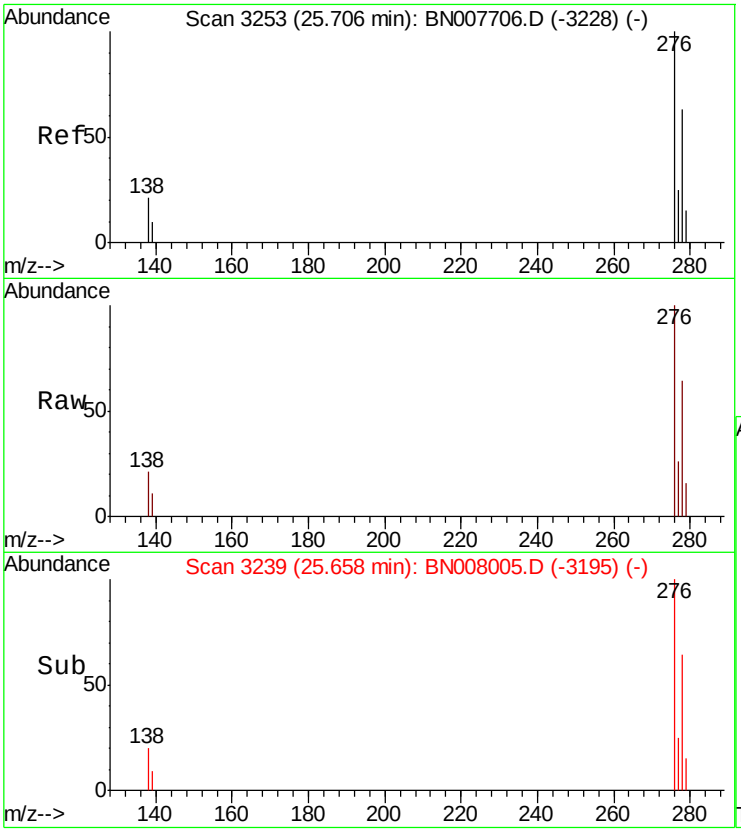


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.435 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:149 Resp: 19089

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	5.4	4.2	6.2



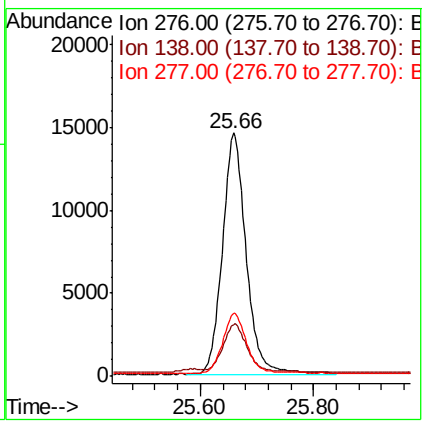


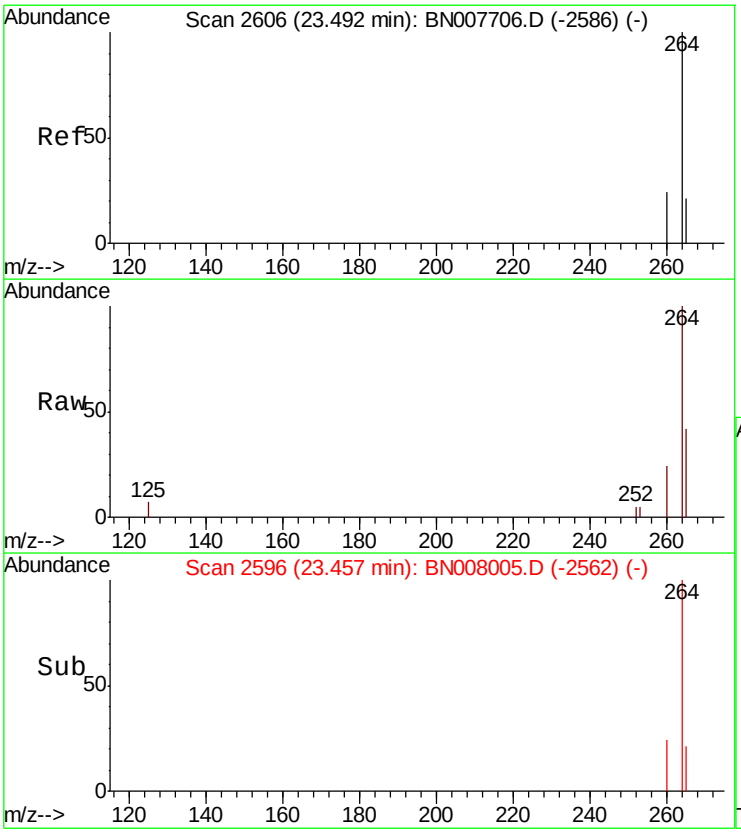
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng
RT: 25.66 min Scan# 3239
Delta R.T. -0.05 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 42133

Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.1	25.7
277	25.0	20.0	30.0

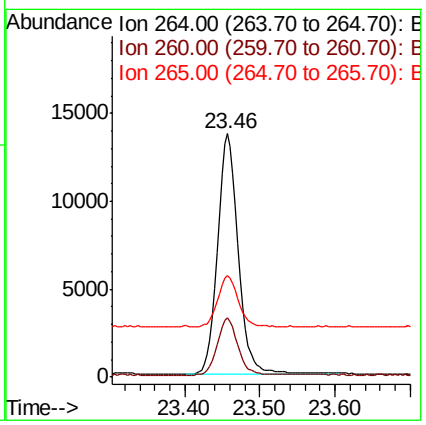


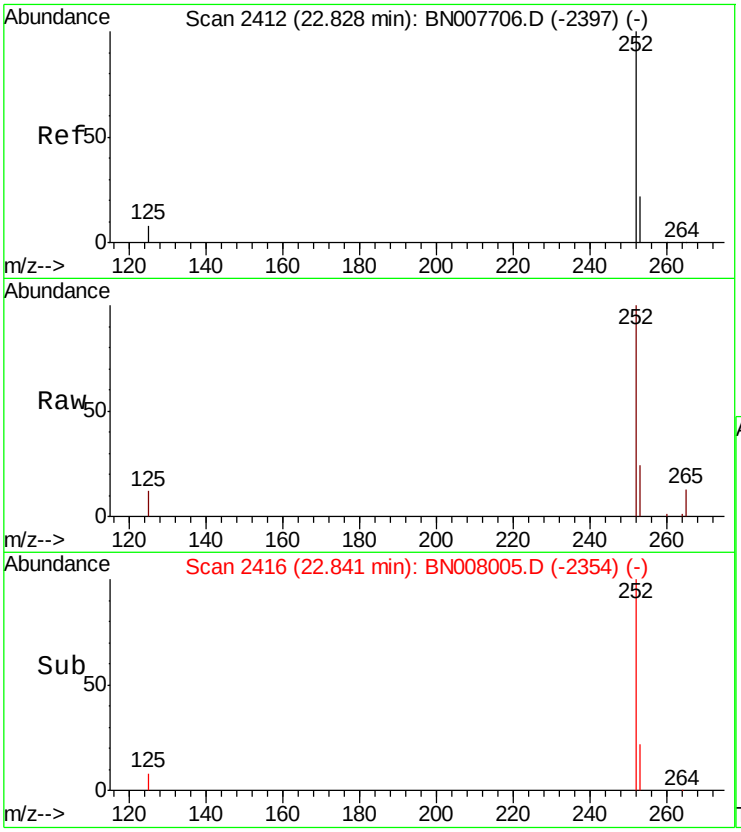


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.46 min Scan# 2596
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:264 Resp: 26065

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	41.7	26.9	40.3#



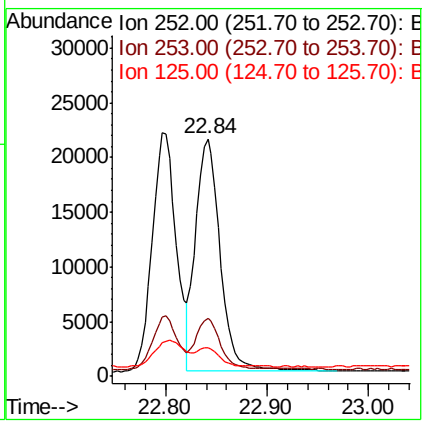


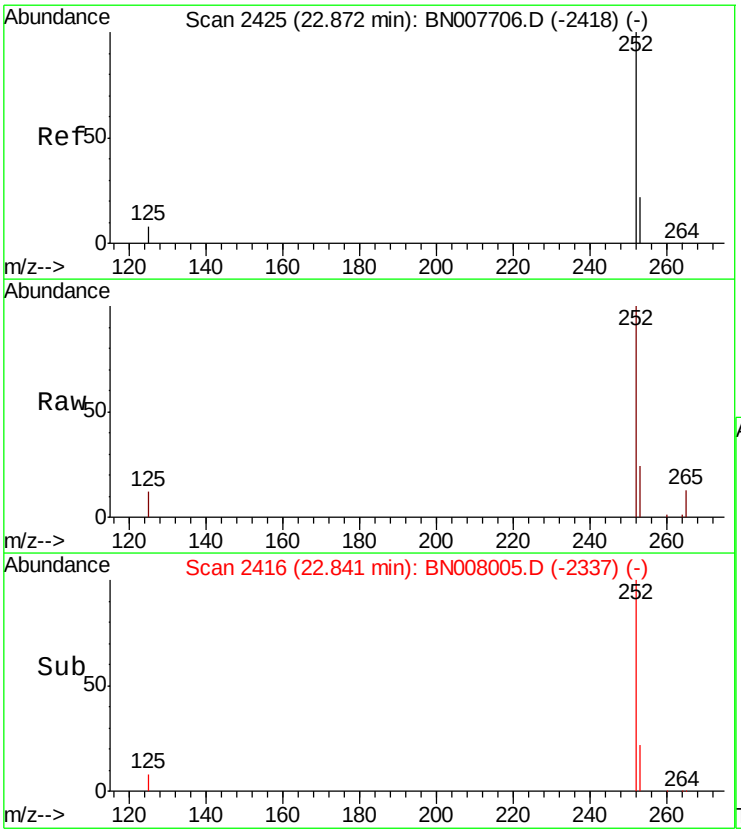
#35
Benzo(b)fluoranthene
Concen: 0.392 ng
RT: 22.84 min Scan# 2416
Delta R.T. 0.01 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 35453

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.3	27.5
125	12.2	8.2	12.4

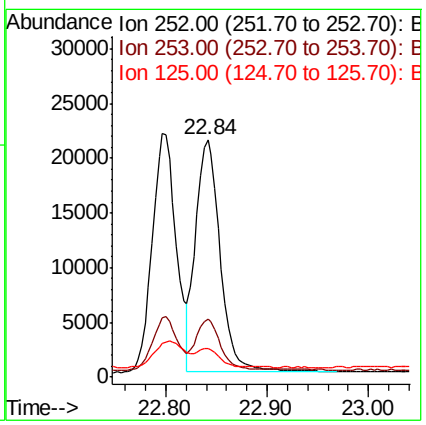


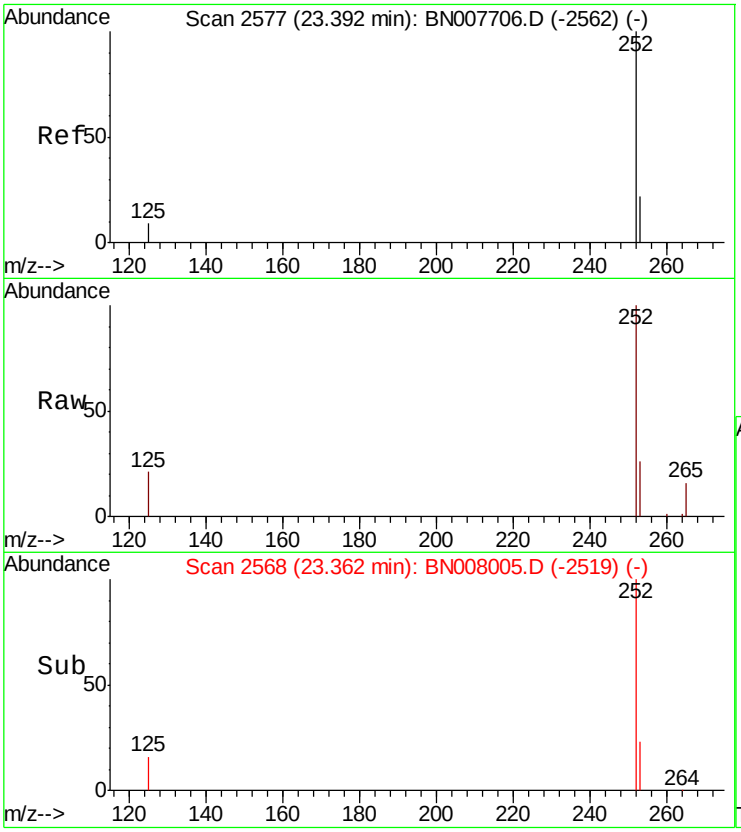


#36
Benzo(k)fluoranthene
Concen: 0.396 ng
RT: 22.84 min Scan# 2416
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:252 Resp: 35453

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.5	27.7
125	12.2	8.4	12.6



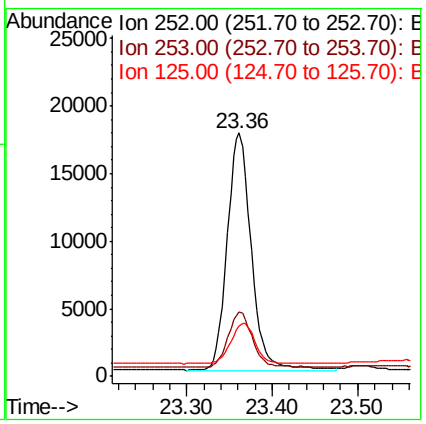


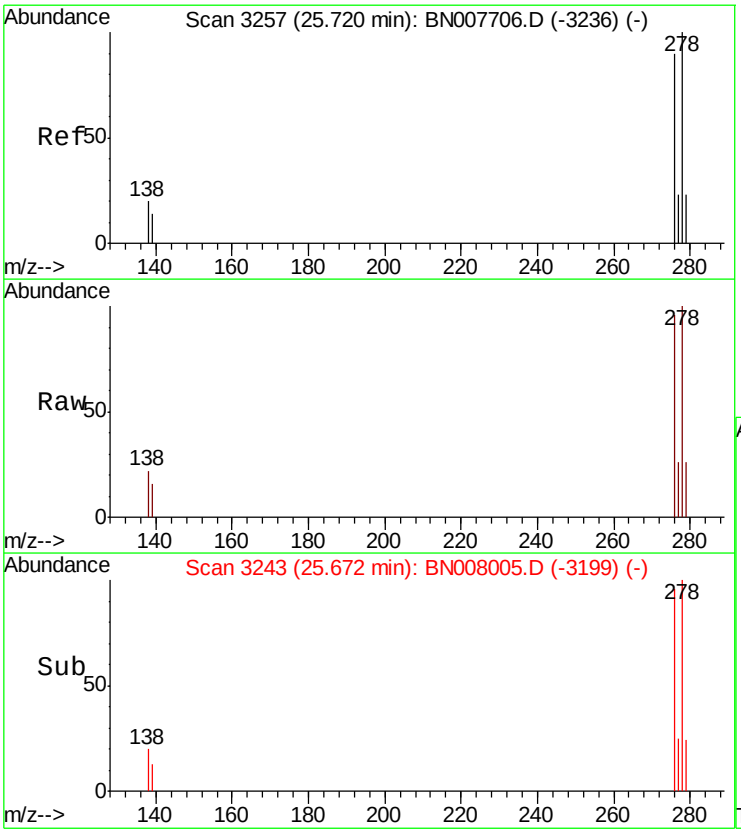
#37
Benzo(a)pyrene
Concen: 0.404 ng
RT: 23.36 min Scan# 2568
Delta R.T. -0.03 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 34373

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.6	27.8
125	20.8	9.4	14.0#

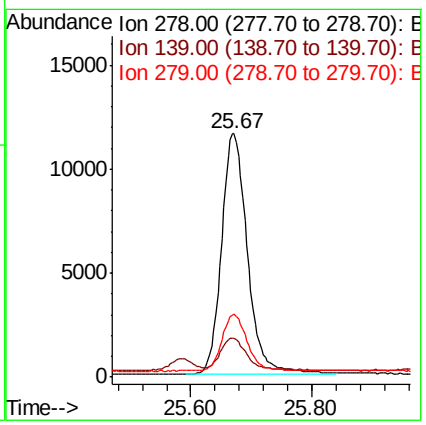


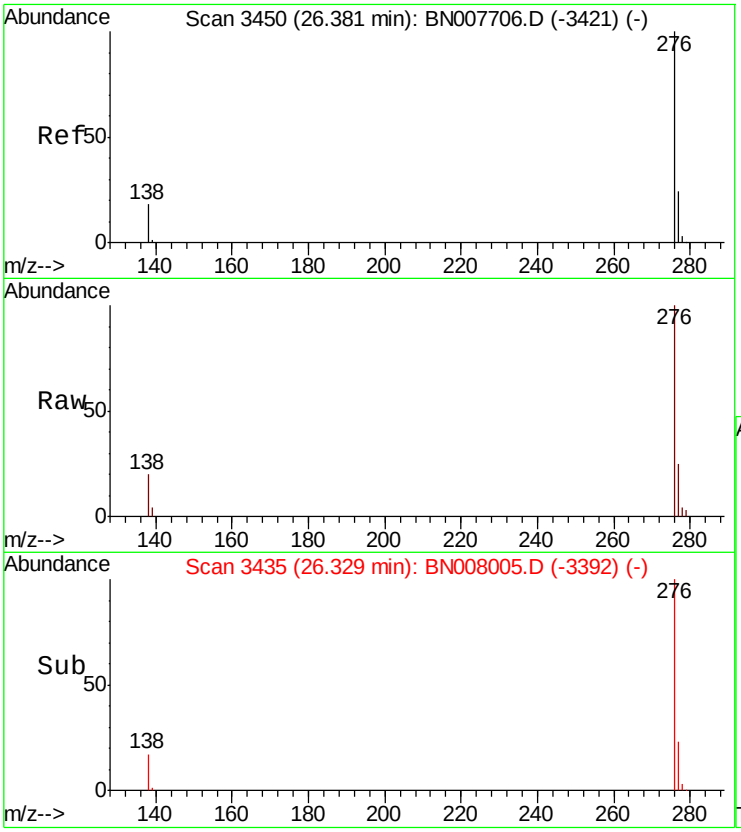


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.67 min Scan# 3243
Delta R.T. -0.05 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Tgt Ion:278 Resp: 34430

Ion	Ratio	Lower	Upper
278	100		
139	15.9	11.8	17.6
279	25.8	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.33 min Scan# 3435
Delta R.T. -0.05 min
Lab File: BN008005.D
Acq: 04 Oct 2019 16:11

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 34608

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	19.5	15.1	22.7