Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN008002.D
Acq On : 04 Oct 2019 04:10
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 04 05:43:10 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	4221	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	18277	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	11530	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	24258	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	25795	0.40	ng		-0.02
34) Perylene-d12	23.47	264	27656	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	5257	0.36	ng		-0.02
5) Phenol-d6	6.87	99	7251	0.40	ng		0.00
8) Nitrobenzene-d5	8.82	82	6424	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	13054	0.42	ng		-0.02
14) 2,4,6-Tribromophenol	15.81	330	2401	0.38	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	18028	0.38	ng		-0.01
25) Fluoranthene-d10	19.09	212	33054	0.40	ng		-0.02
29) Terphenyl-d14	19.69	244	27762	0.44	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	1725	0.367	ng	#	93
3) n-Nitrosodimethylamine	2.98	42	1302	0.604	ng	#	89
6) bis(2-Chloroethyl)ether	7.12	93	5820	0.487	ng	#	87
9) Naphthalene	10.51	128	21067	0.411	ng		99
10) Hexachlorobutadiene	10.80	225	4660	0.431	ng	#	99
12) 2-Methylnaphthalene	12.12	142	14747	0.425	ng		100
16) Acenaphthylene	14.02	152	24177	0.395	ng		100
17) Acenaphthene	14.37	154	14547	0.369	ng		97
18) Fluorene	15.36	166	19015	0.376	ng		100
20) 4-Bromophenyl-phenylether	16.25	248	6020	0.409	ng	#	89
21) Hexachlorobenzene	16.37	284	7026	0.436	ng		97
22) Pentachlorophenol	16.72	266	2661	0.448	ng		98
23) Phenanthrene	17.09	178	30420	0.403	ng		100
24) Anthracene	17.19	178	28878	0.423	ng		99
26) Fluoranthene	19.12	202	37978	0.404	ng		100
28) Pyrene	19.49	202	39121	0.445	ng		99
30) Benzo(a)anthracene	21.24	228	38714	0.408	ng		98
31) Chrysene	21.29	228	37911	0.410	ng		98
32) Bis(2-ethylhexyl)phthalate	21.17	149	23401	0.479	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	43467	0.375	ng		99
35) Benzo(b)fluoranthene	22.80	252	38750	0.404	ng	#	92
36) Benzo(k)fluoranthene	22.85	252	36561	0.385	ng	#	94
37) Benzo(a)pyrene	23.37	252	36063	0.400	ng	#	87
38) Dibenzo(a,h)anthracene	25.69	278	35496	0.384	ng	#	94
39) Benzo(g,h,i)perylene	26.35	276	35731	0.391	ng		96

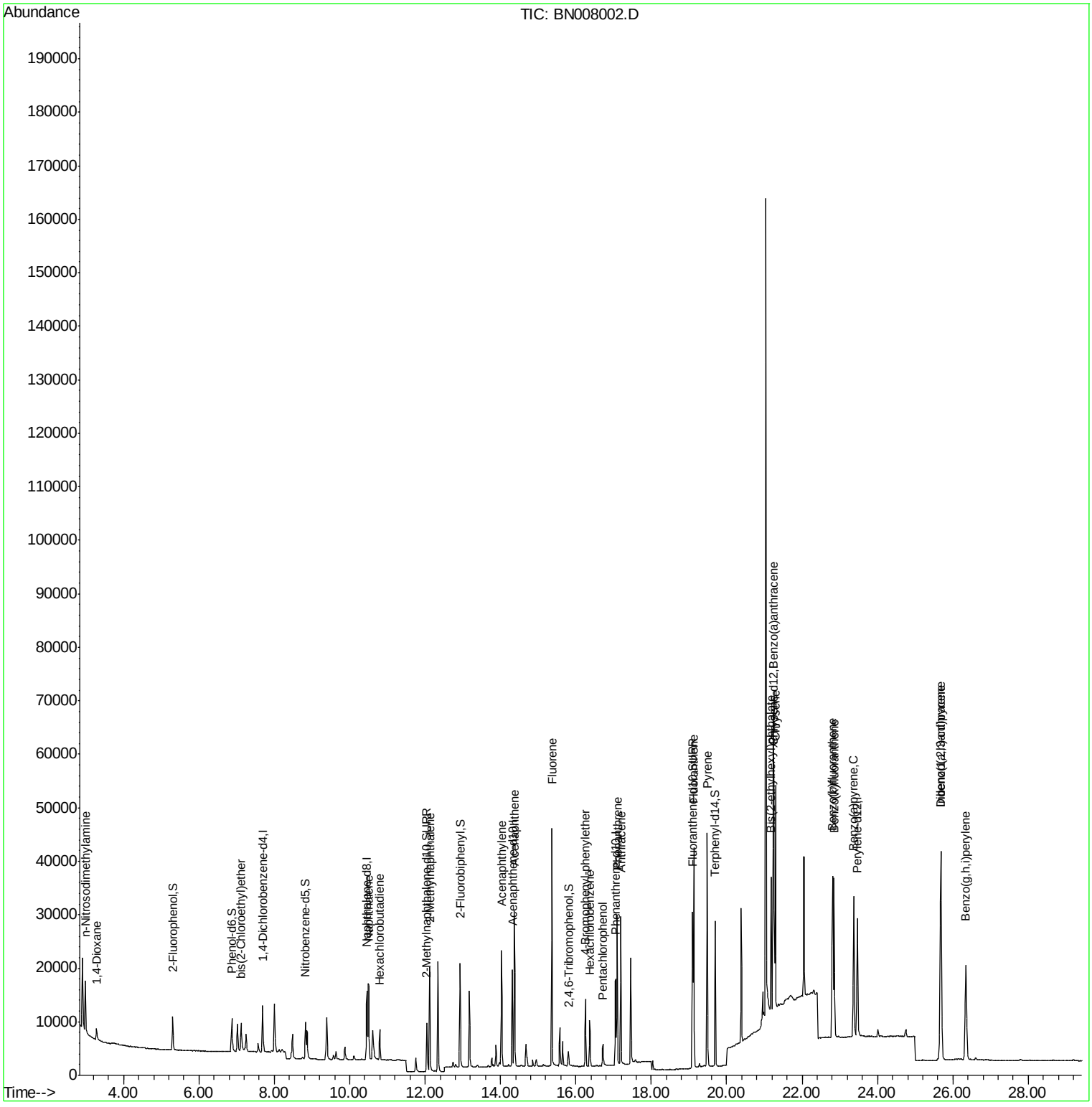
(#) = qualifier out of range (m) = manual integration (+) = signals summed

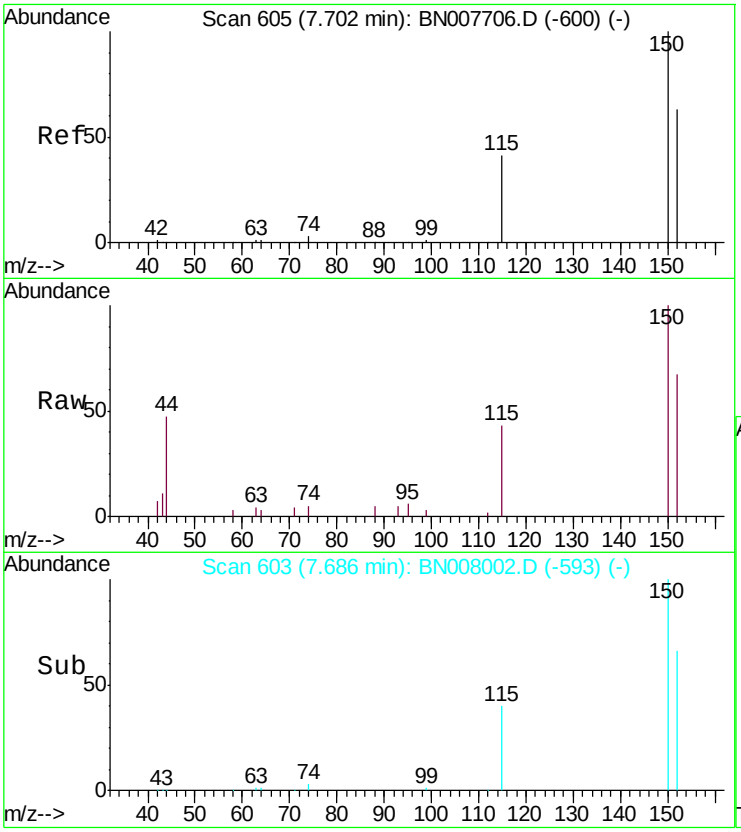
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN100319\
Data File : BN008002.D
Acq On : 04 Oct 2019 04:10
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Oct 04 05:43:10 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



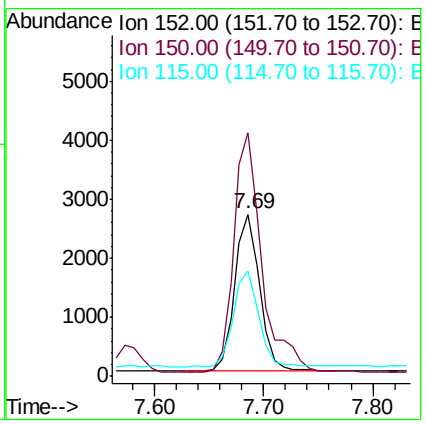


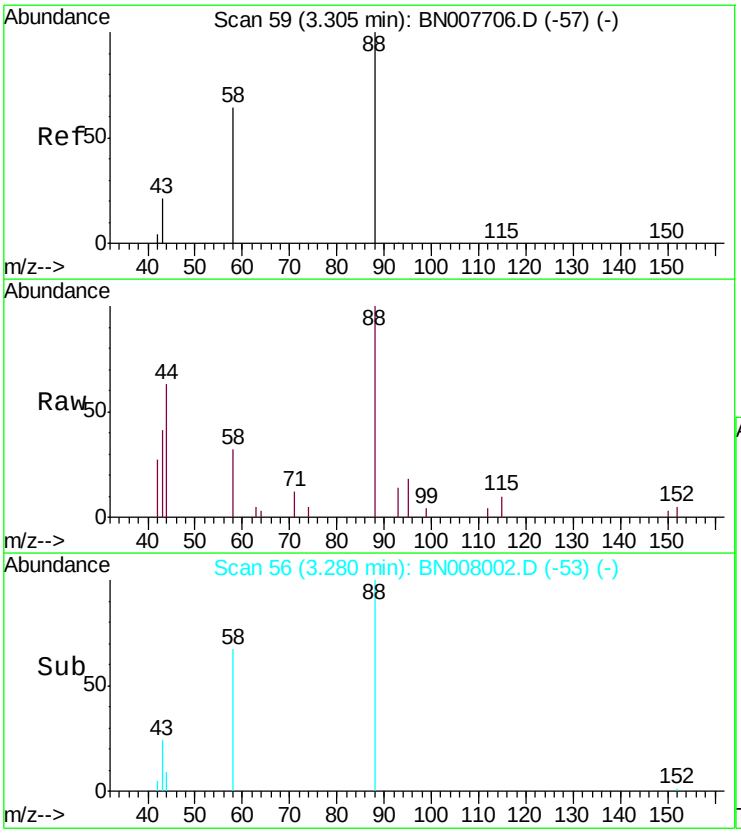
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 4221

Ion	Ratio	Lower	Upper
152	100		
150	150.1	125.6	188.4
115	65.2	53.3	79.9

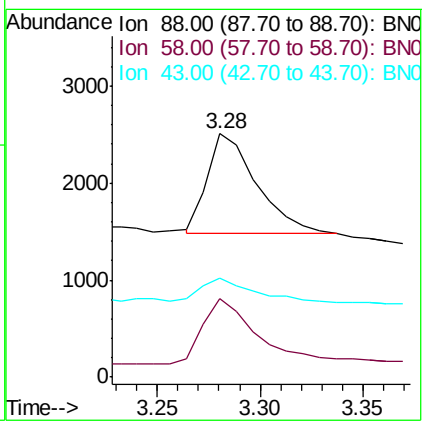


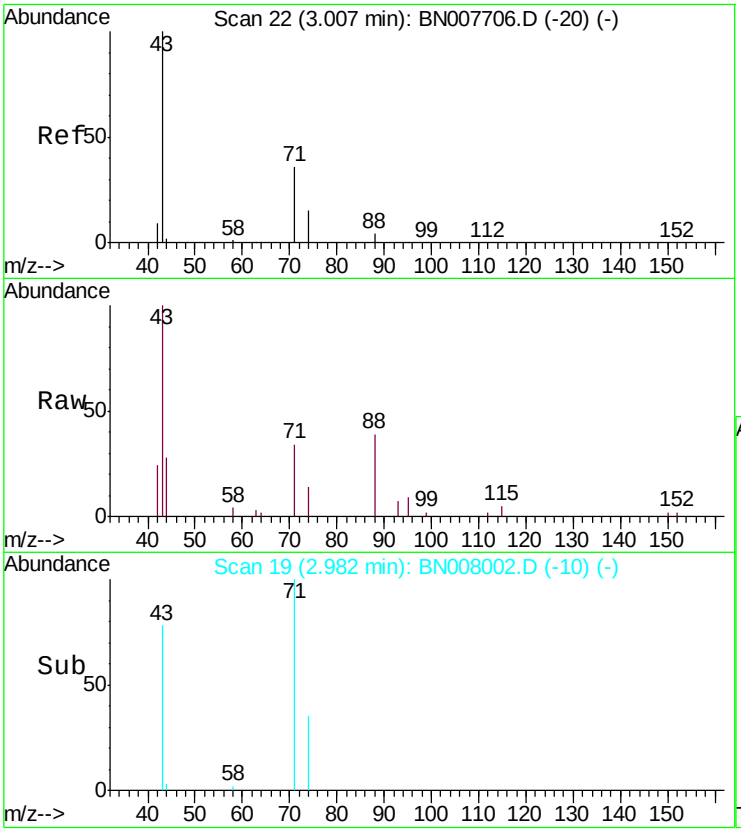


#2
1,4-Dioxane
Concen: 0.367 ng
RT: 3.28 min Scan# 56
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion: 88 Resp: 1725

Ion	Ratio	Lower	Upper
88	100		
58	58.2	44.6	66.8
43	25.3	14.4	21.6#



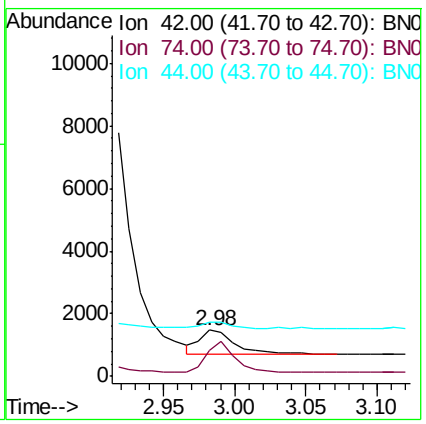


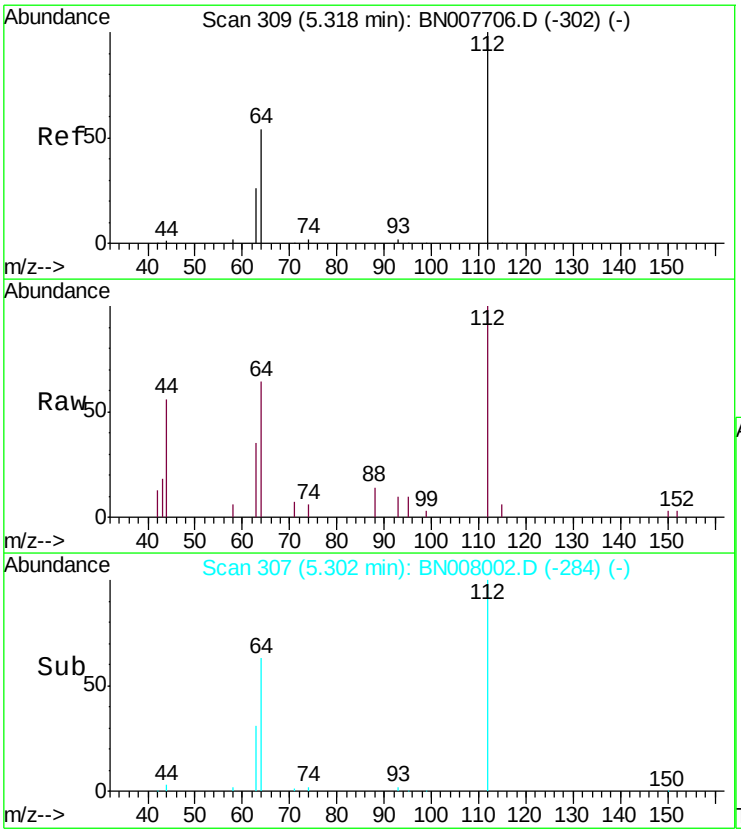
#3
n-Nitrosodimethylamine
Concen: 0.604 ng
RT: 2.98 min Scan# 19
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 42 Resp: 1302

Ion	Ratio	Lower	Upper
42	100		
74	101.4	87.9	131.9
44	24.7	29.4	44.0#

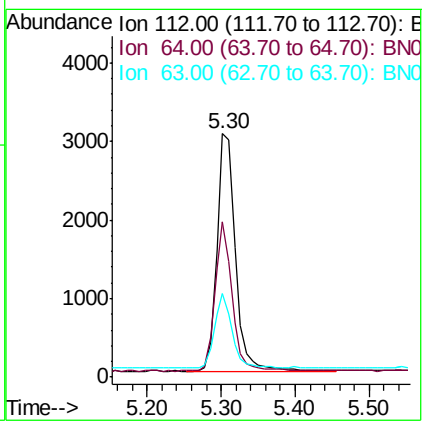


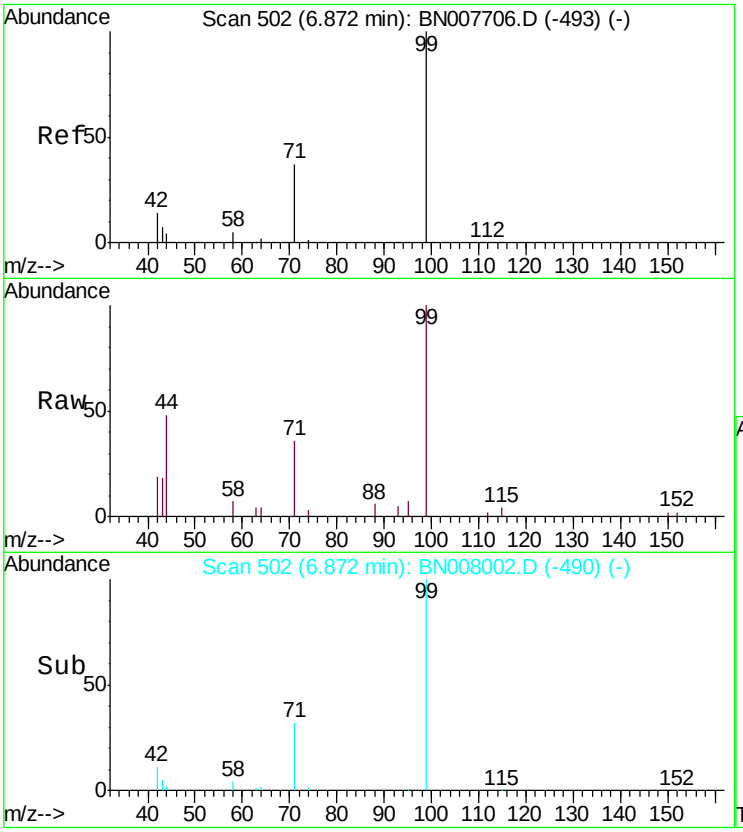


#4
2-Fluorophenol
Concen: 0.362 ng
RT: 5.30 min Scan# 307
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:112 Resp: 5257

Ion	Ratio	Lower	Upper
112	100		
64	57.6	46.6	70.0
63	28.6	23.1	34.7



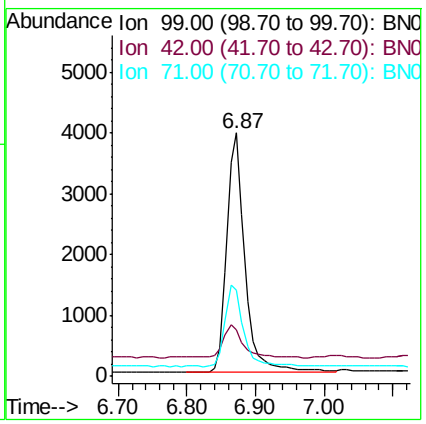


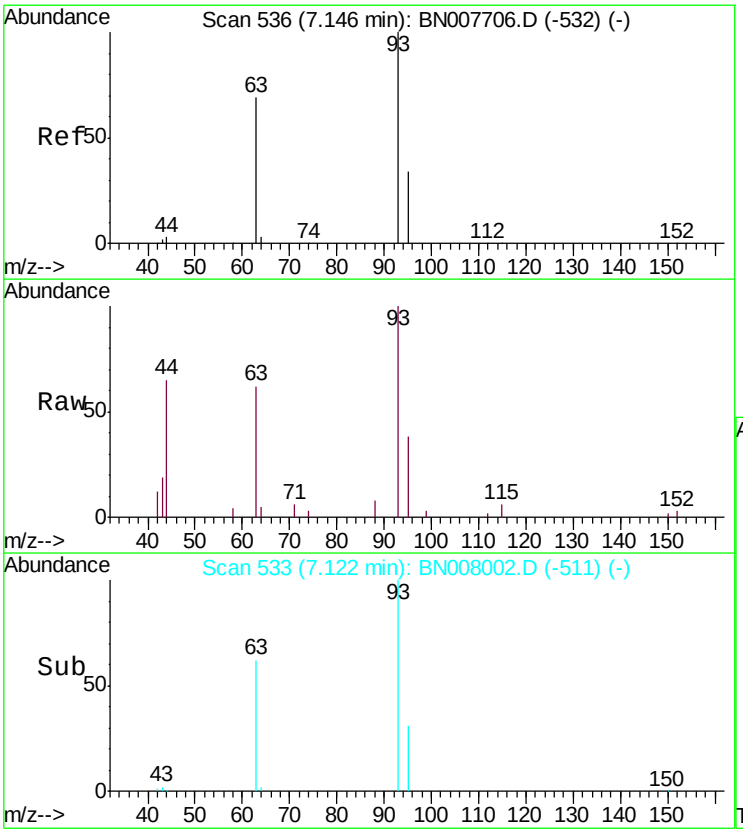
#5
Phenol-d6
Concen: 0.400 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion: 99 Resp: 7251

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	35.7	27.6	41.4

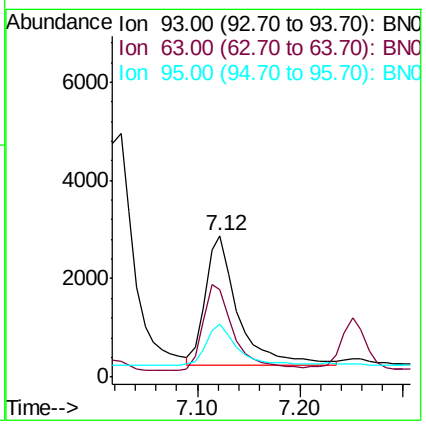


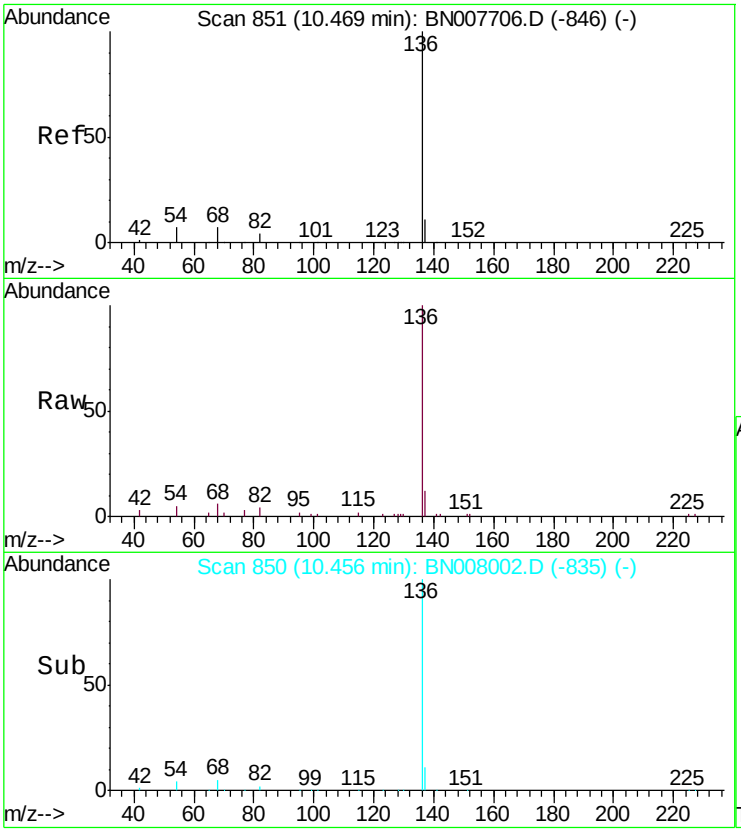


#6
bis(2-Chloroethyl)ether
Concen: 0.487 ng
RT: 7.12 min Scan# 533
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion: 93 Resp: 5820

Ion	Ratio	Lower	Upper
93	100		
63	63.9	59.3	88.9
95	30.6	31.4	47.0#



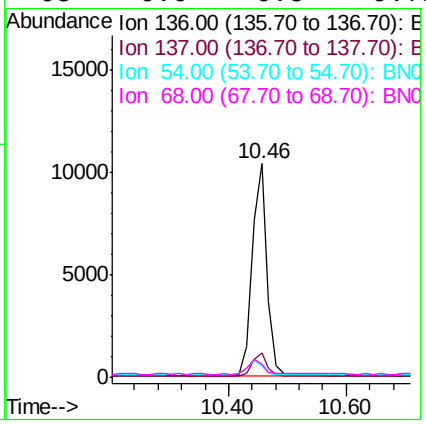


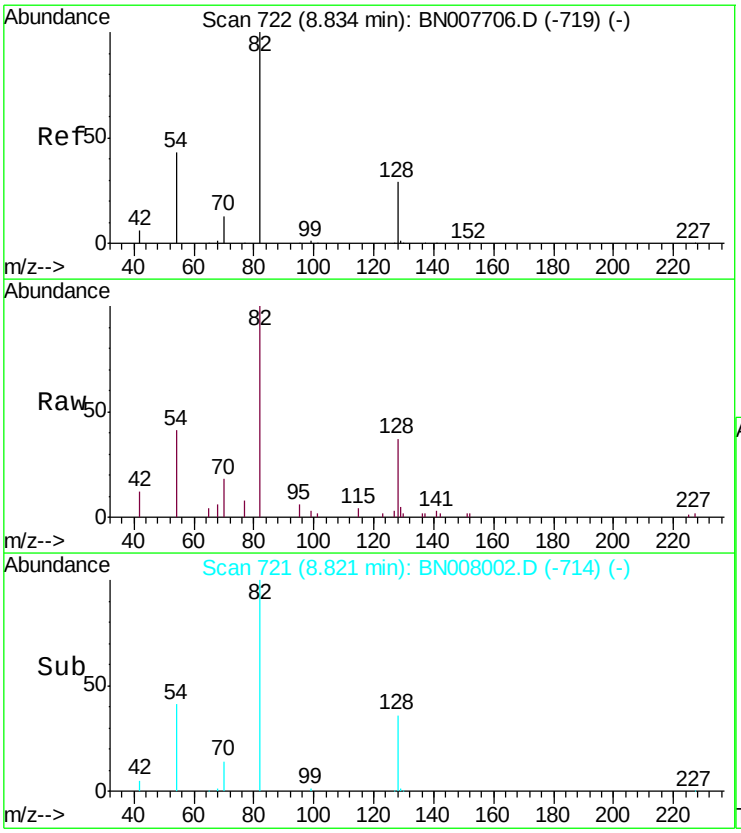
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:136 Resp: 18277

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.3	5.8	8.8#
68	6.0	6.5	9.7#

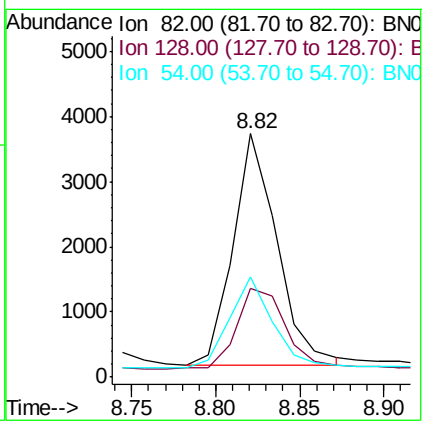


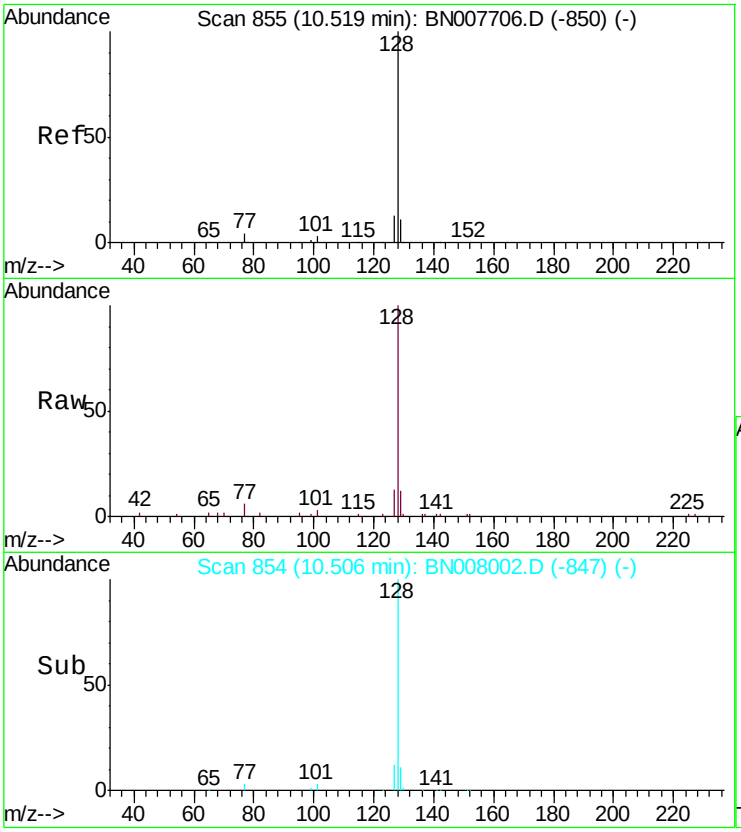


#8
Nitrobenzene-d5
Concen: 0.402 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion: 82 Resp: 6424

Ion	Ratio	Lower	Upper
82	100		
128	36.6	24.5	36.7
54	41.3	35.2	52.8



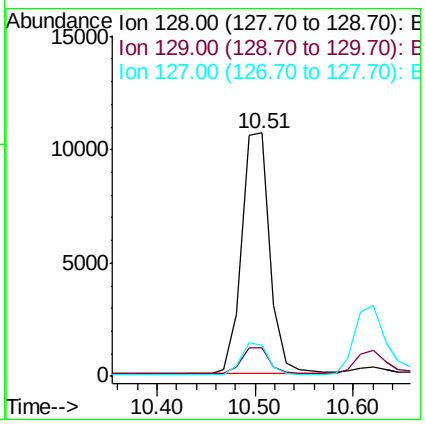


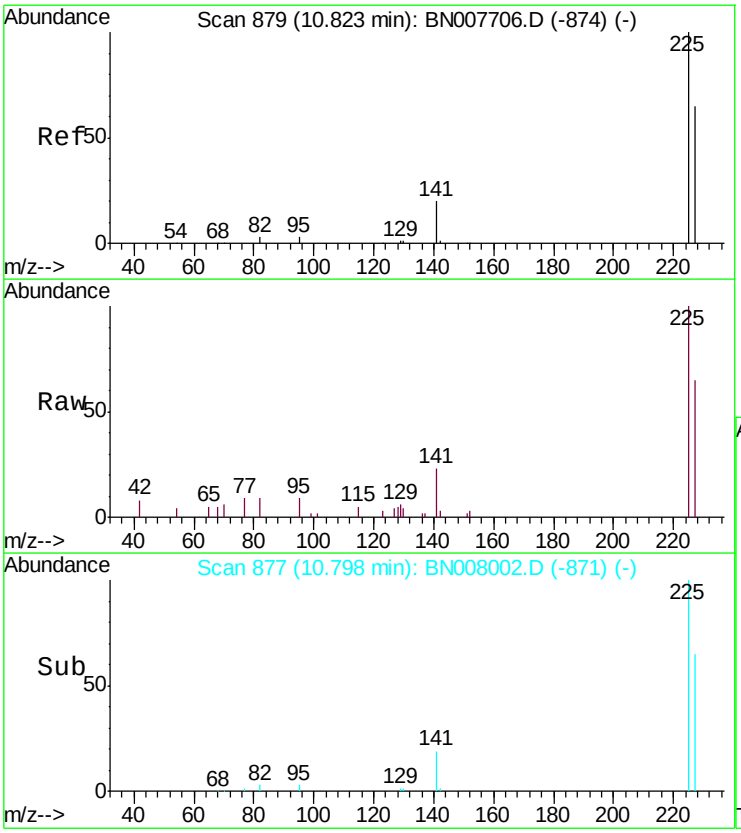
#9
Naphthalene
Concen: 0.411 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:128 Resp: 21067

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.1	13.7
127	12.8	10.6	15.8

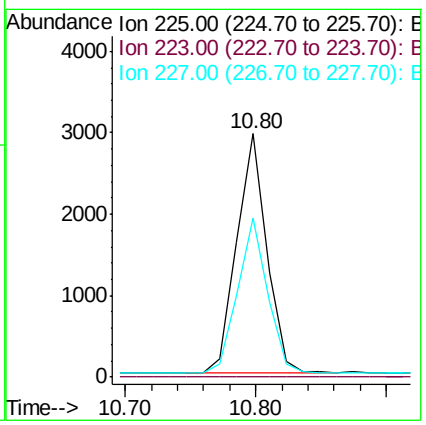


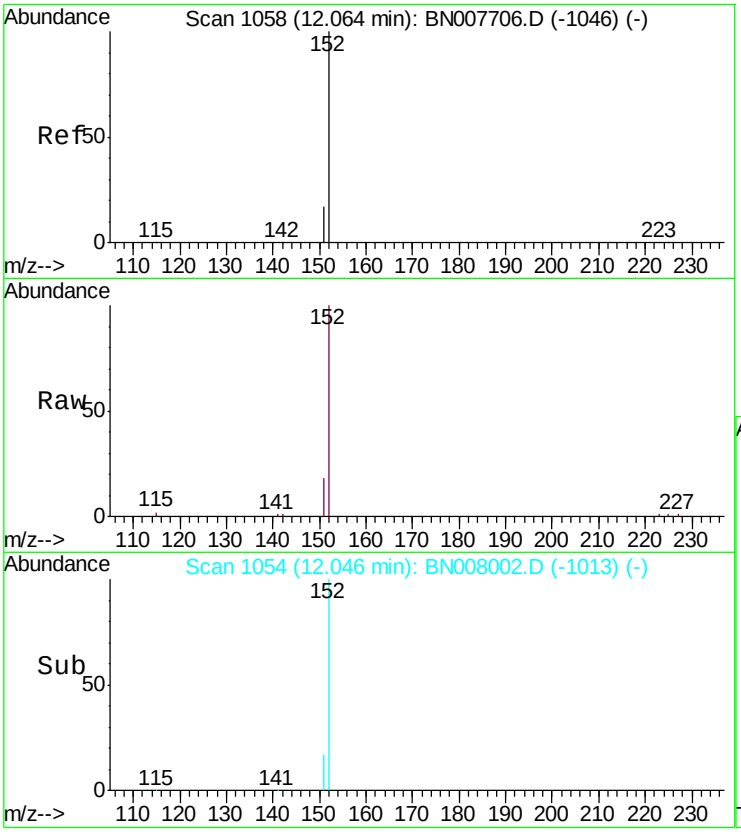


#10
Hexachlorobutadiene
Concen: 0.431 ng
RT: 10.80 min Scan# 877
Delta R.T. -0.03 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:225 Resp: 4660

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



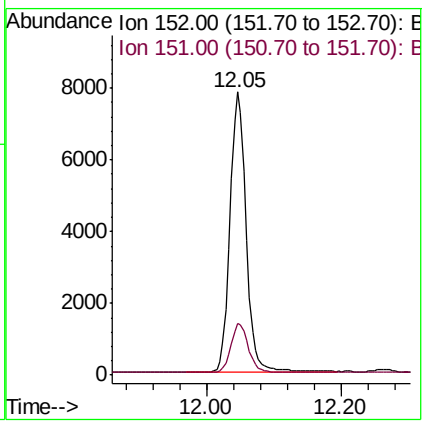


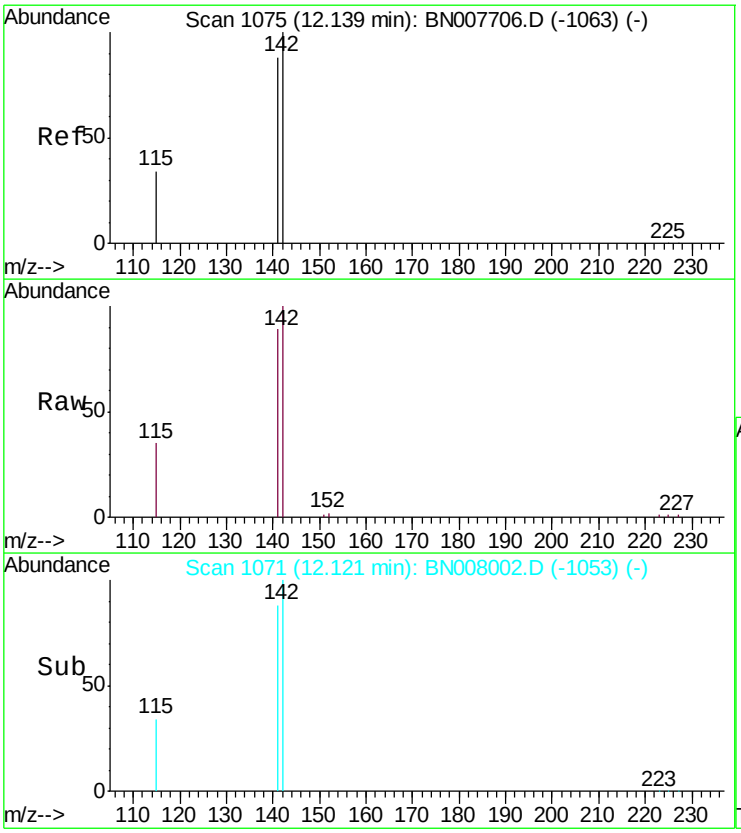
#11
2-Methylnaphthalene-d10
Concen: 0.424 ng
RT: 12.05 min Scan# 1054
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:152 Resp: 13054

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

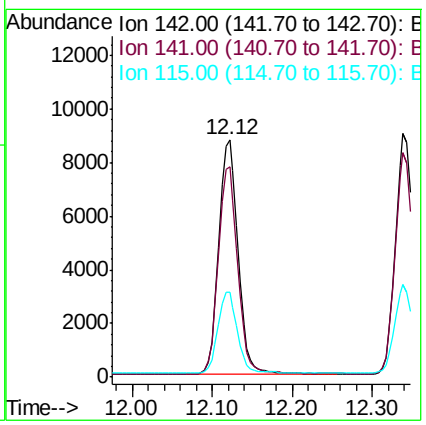


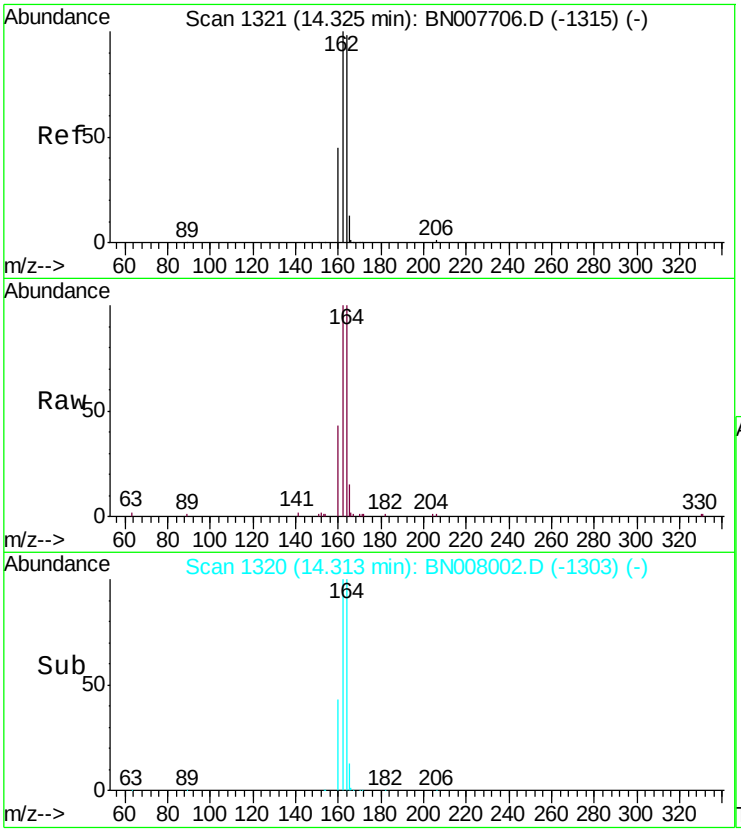


#12
2-Methylnaphthalene
Concen: 0.425 ng
RT: 12.12 min Scan# 1071
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:142 Resp: 14747

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.6	106.0
115	35.5	28.3	42.5



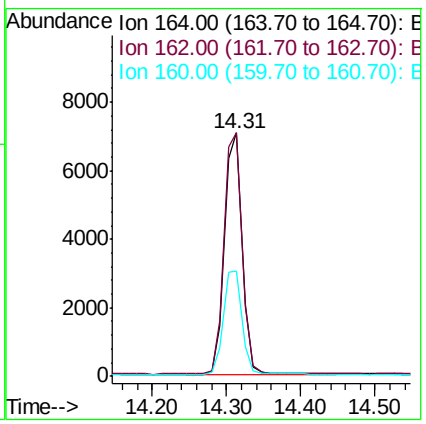


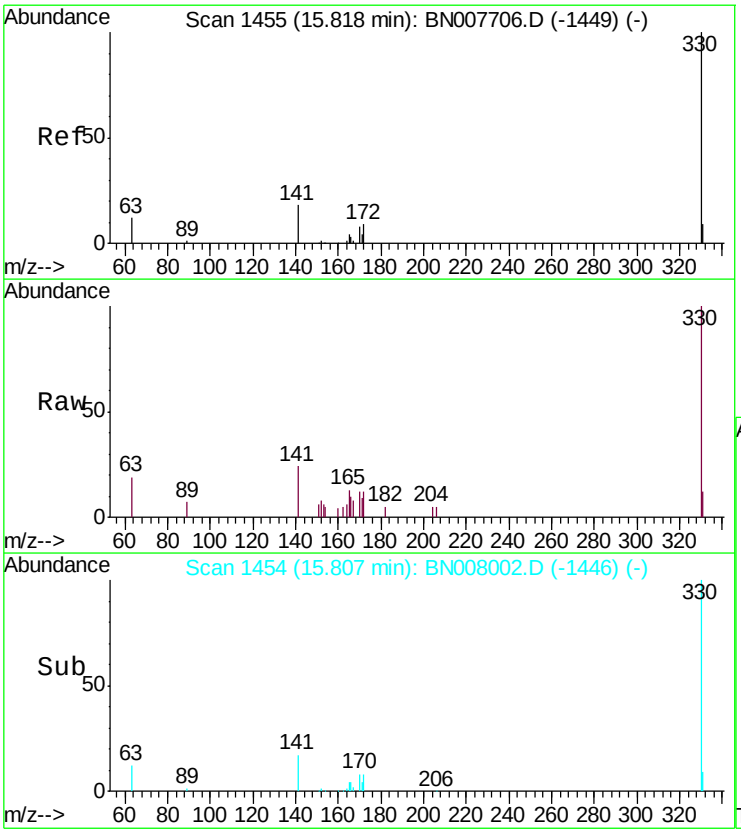
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:164 Resp: 11530

Ion	Ratio	Lower	Upper
164	100		
162	100.0	81.7	122.5
160	43.3	37.0	55.4

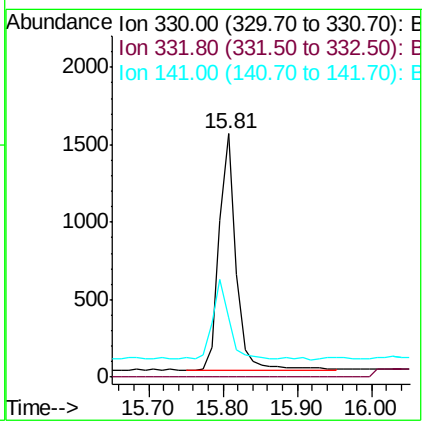


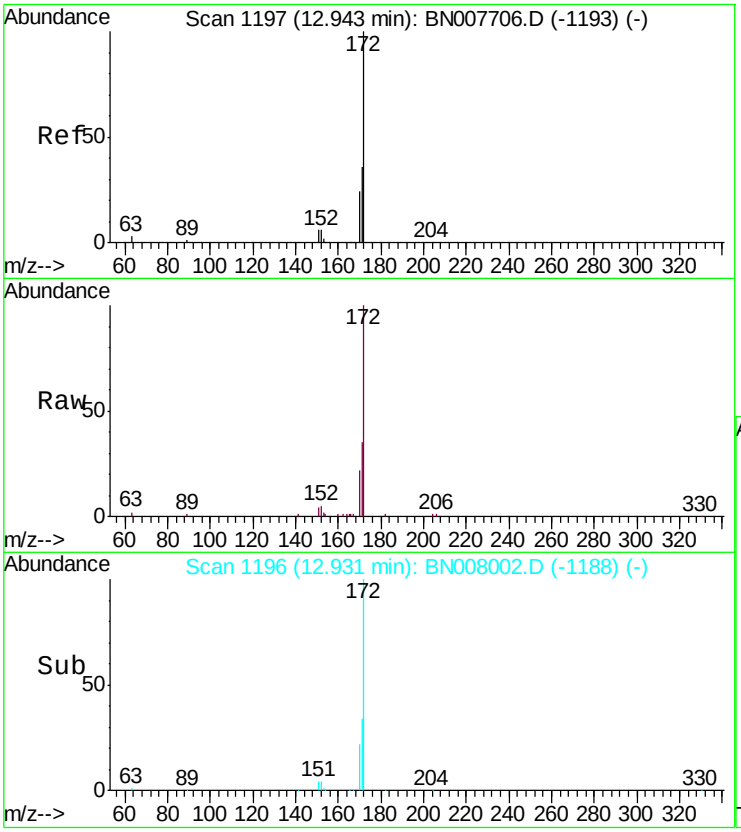


#14
2,4,6-Tribromophenol
Concen: 0.382 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:330 Resp: 2401

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	28.7	43.1



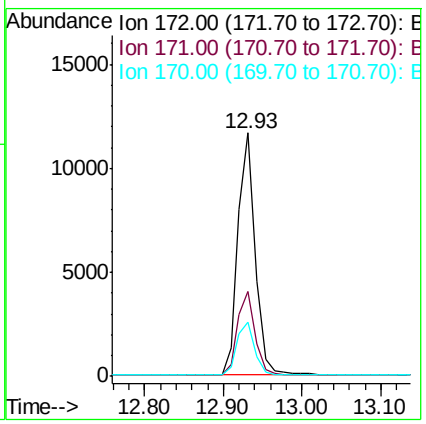


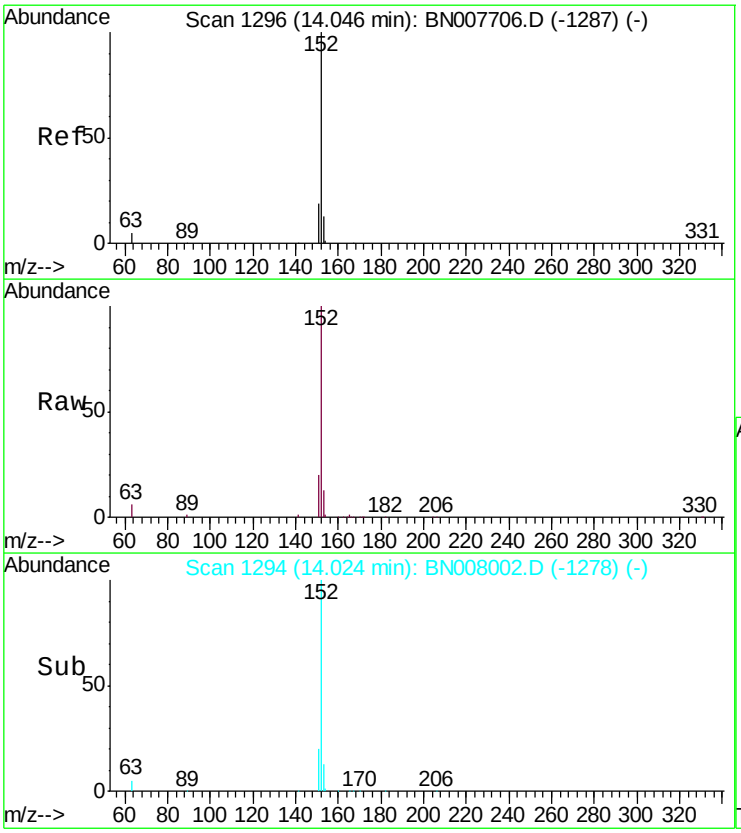
#15
2-Fluorobiphenyl
Concen: 0.380 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:172 Resp: 18028

Ion	Ratio	Lower	Upper
172	100		
171	34.7	28.8	43.2
170	22.5	19.5	29.3

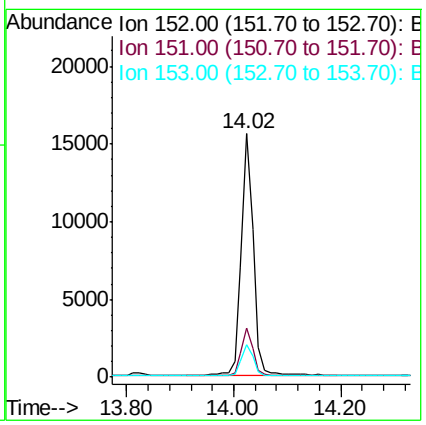


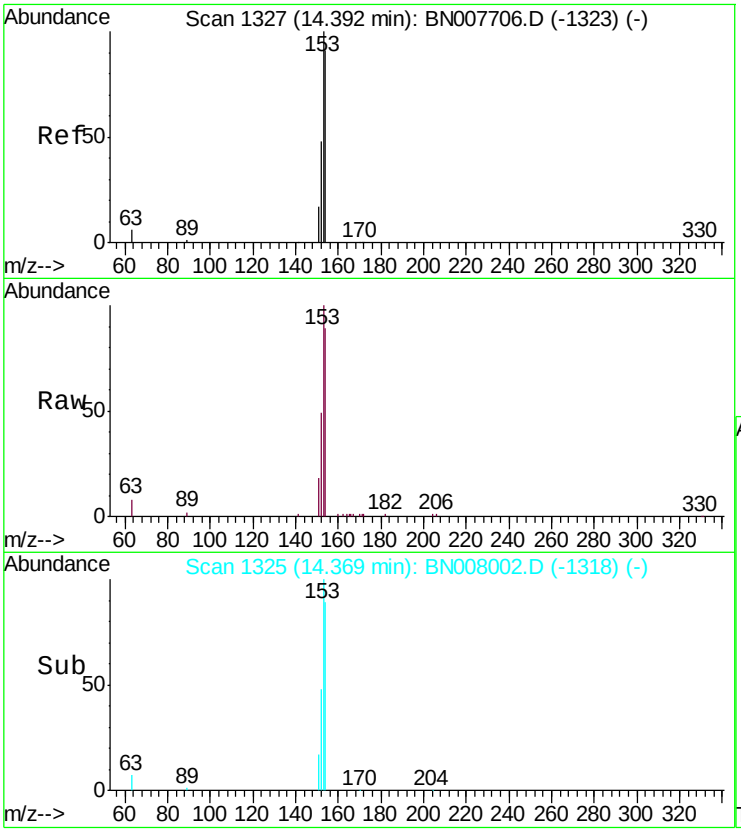


#16
Acenaphthylene
Concen: 0.395 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:152 Resp: 24177

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.2	10.4	15.6



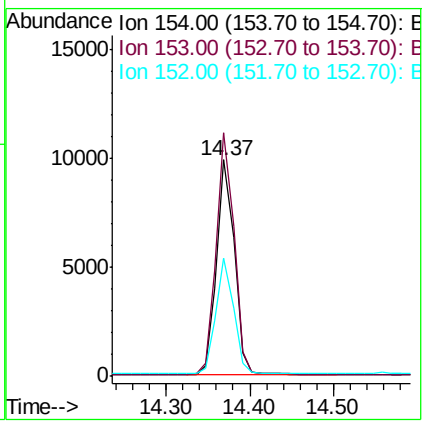


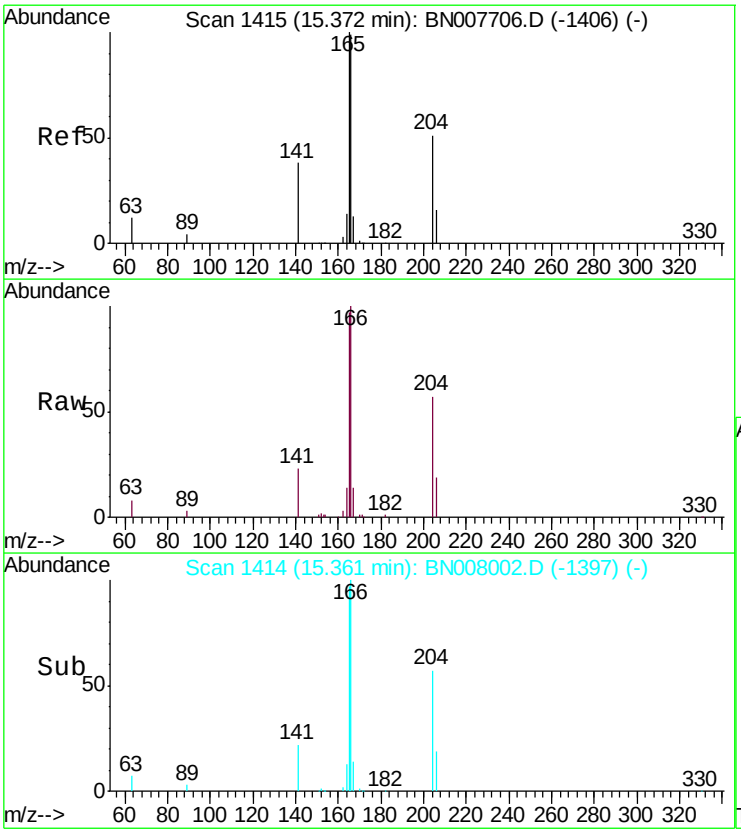
#17
Acenaphthene
Concen: 0.369 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:154 Resp: 14547

Ion	Ratio	Lower	Upper
154	100		
153	112.9	87.0	130.4
152	53.7	42.7	64.1

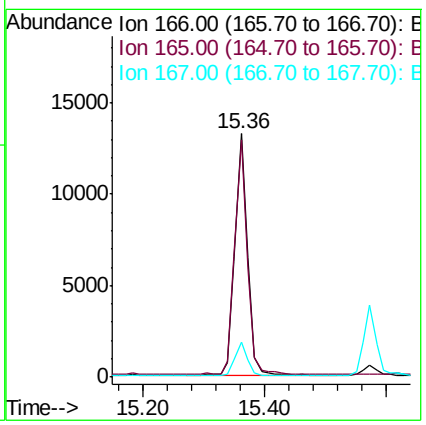


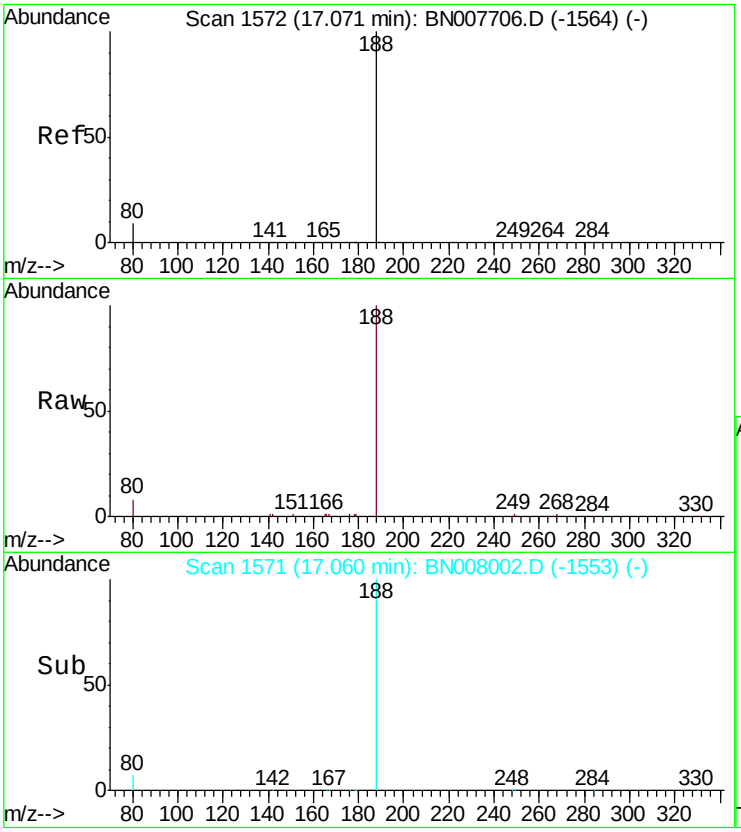


#18
Fluorene
Concen: 0.376 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:166 Resp: 19015

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.0	117.0
167	13.5	10.9	16.3



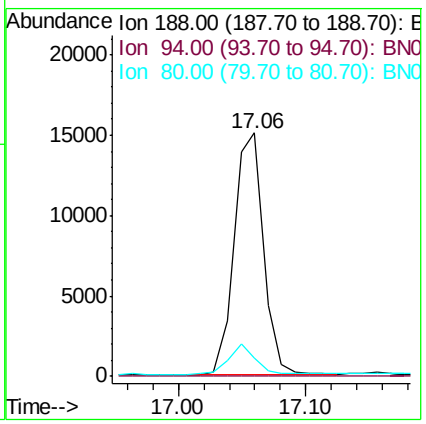


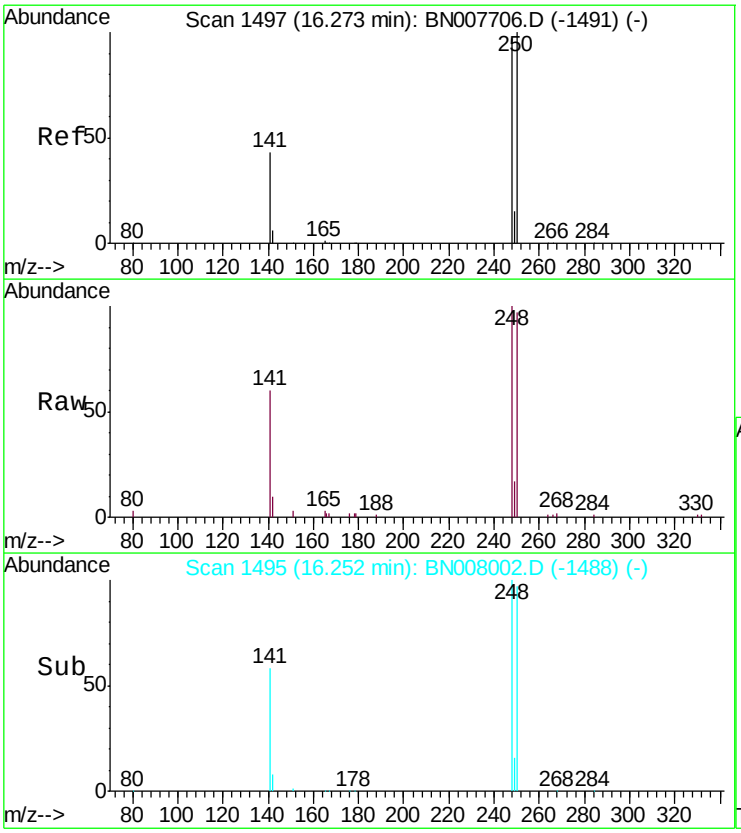
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:188 Resp: 24258

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.5	7.4	11.2

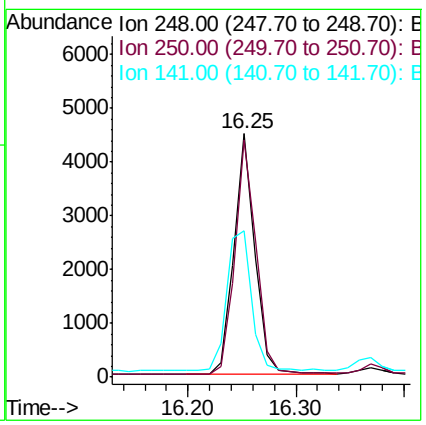


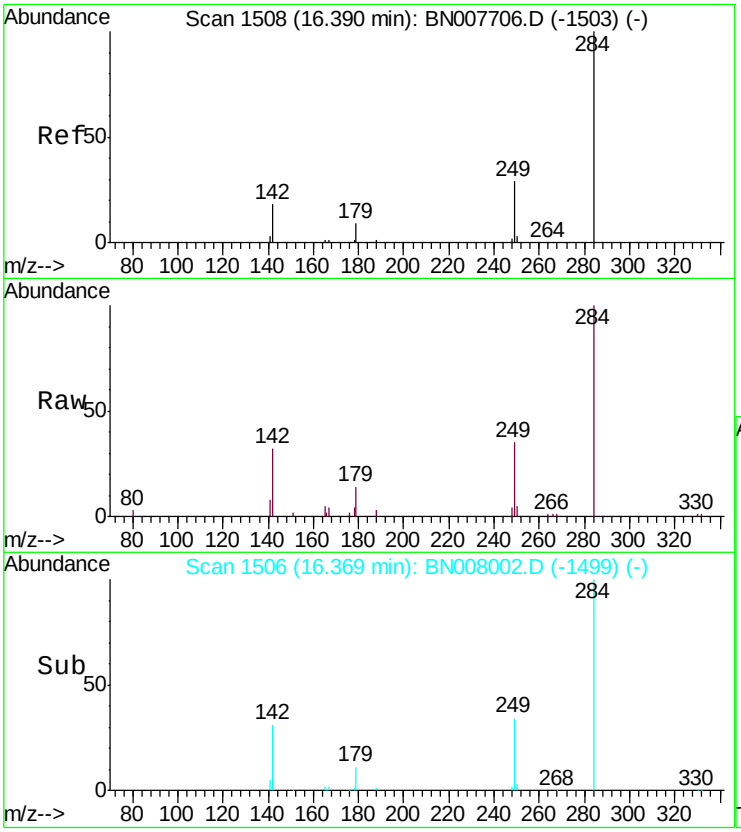


#20
4-Bromophenyl-phenylether
Concen: 0.409 ng
RT: 16.25 min Scan# 1495
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:248 Resp: 6020

Ion	Ratio	Lower	Upper
248	100		
250	97.3	82.2	123.4
141	60.2	36.3	54.5#



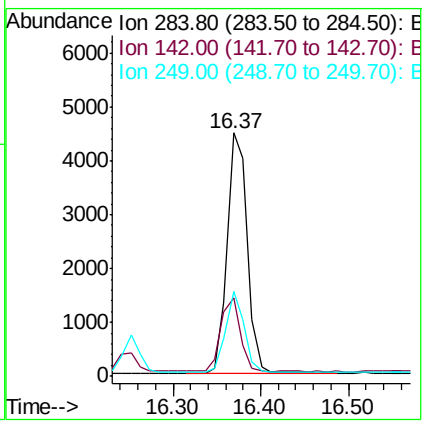


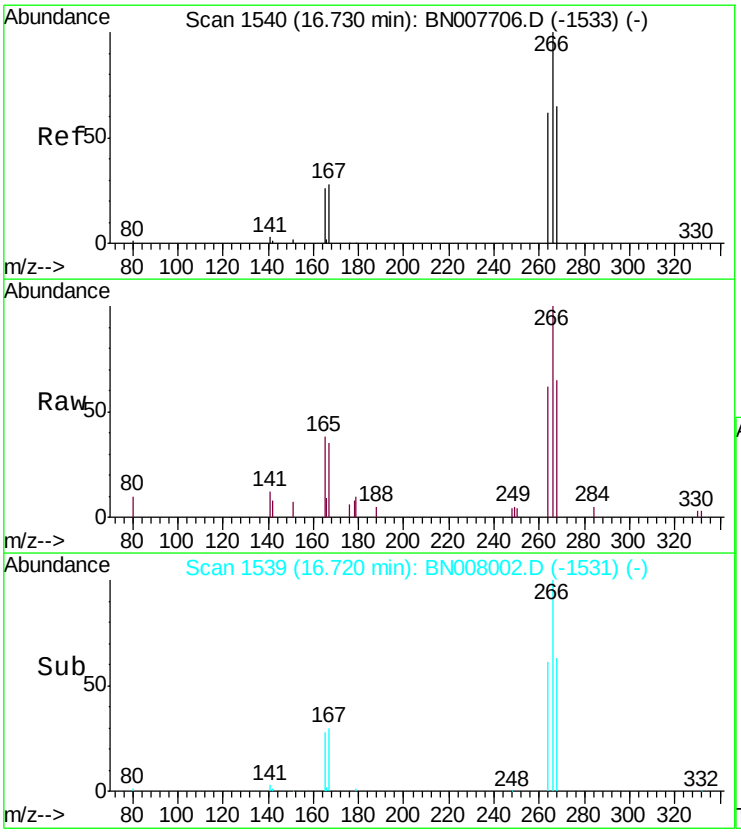
#21
Hexachlorobenzene
Concen: 0.436 ng
RT: 16.37 min Scan# 1506
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:284 Resp: 7026

Ion	Ratio	Lower	Upper
284	100		
142	29.7	25.8	38.6
249	31.2	25.9	38.9

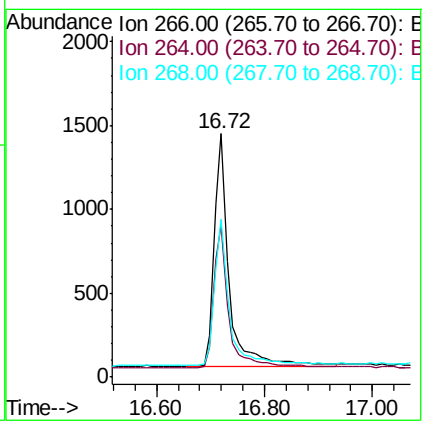


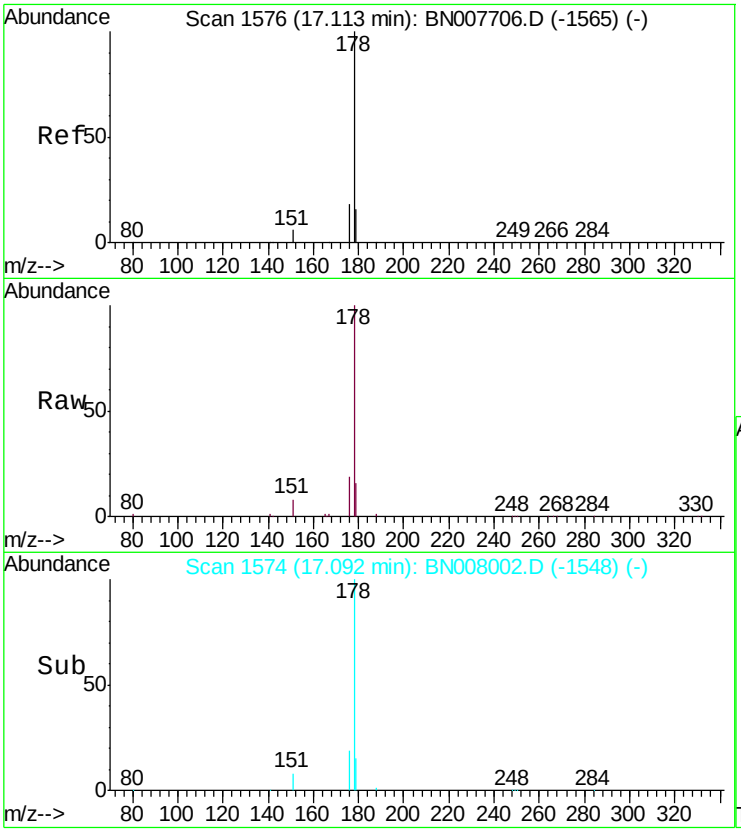


#22
Pentachlorophenol
Concen: 0.448 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:266 Resp: 2661

Ion	Ratio	Lower	Upper
266	100		
264	62.1	50.0	75.0
268	64.9	54.2	81.4



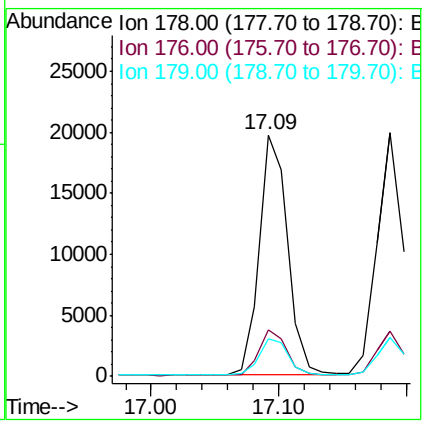


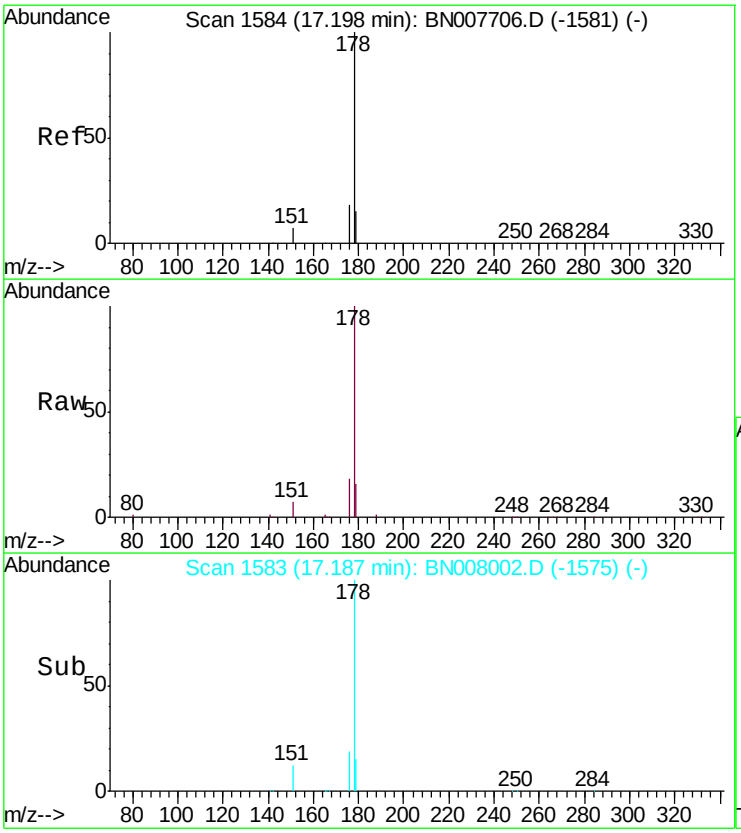
#23
Phenanthrene
Concen: 0.403 ng
RT: 17.09 min Scan# 1574
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:178 Resp: 30420

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.7	12.5	18.7

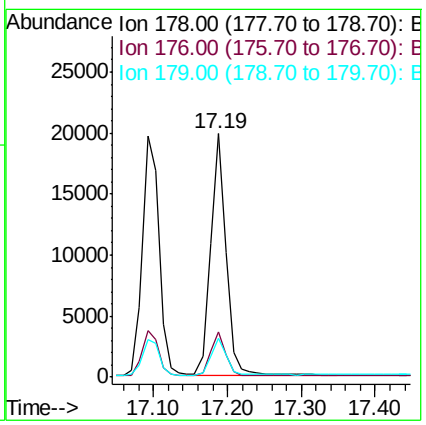


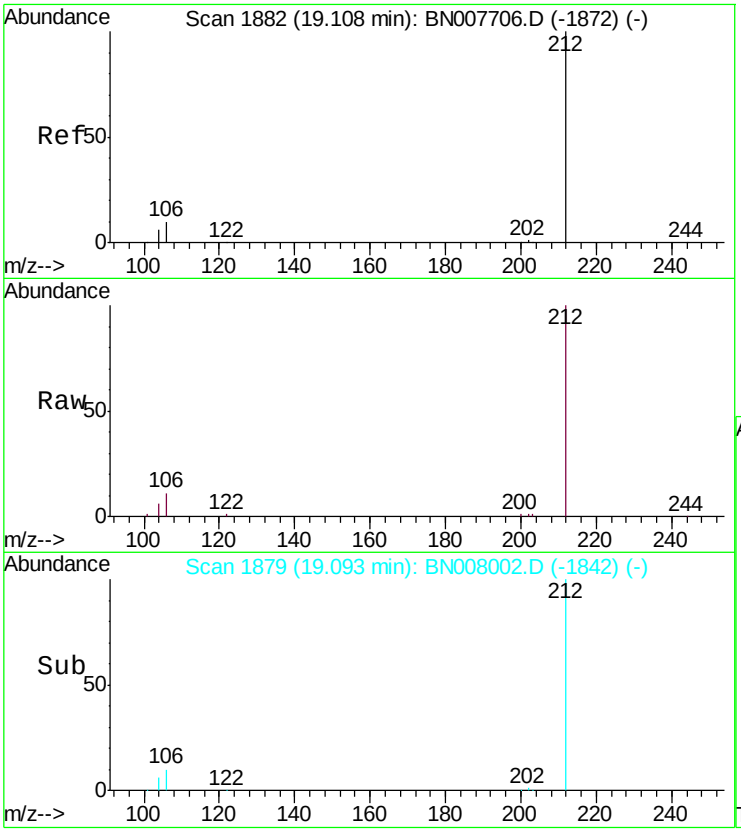


#24
Anthracene
Concen: 0.423 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:178 Resp: 28878

Ion	Ratio	Lower	Upper
178	100		
176	17.8	14.6	21.8
179	15.4	12.2	18.4



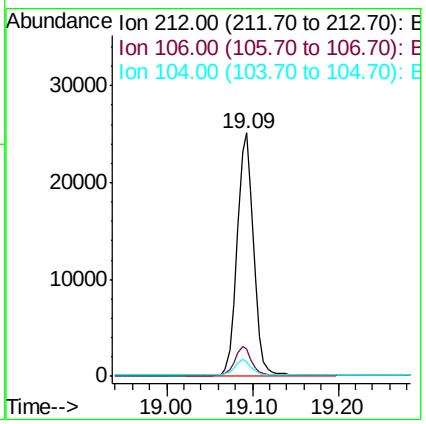


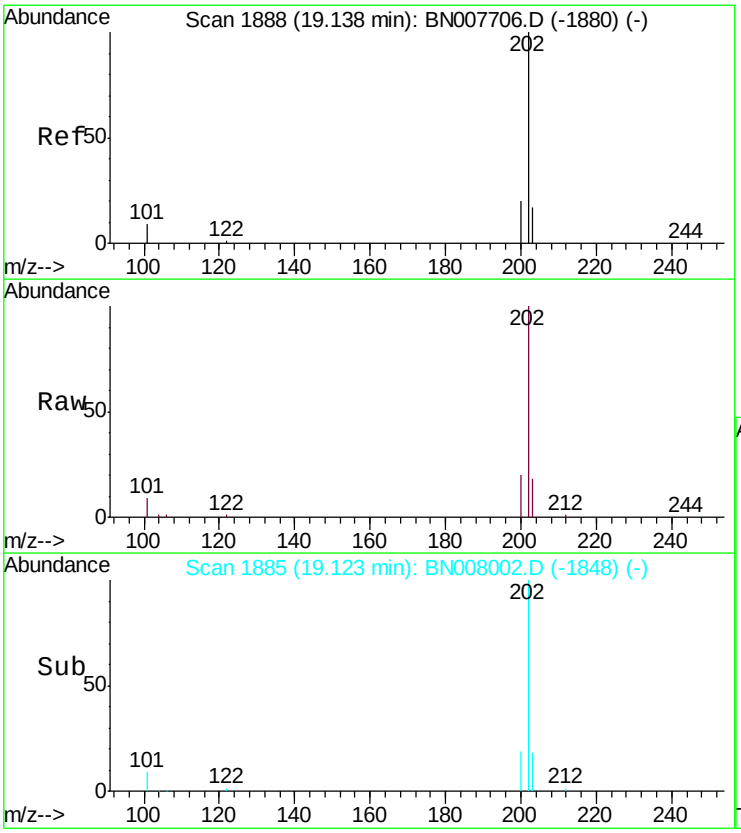
#25
Fluoranthene-d10
Concen: 0.404 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:212 Resp: 33054

Ion	Ratio	Lower	Upper
212	100		
106	11.4	9.4	14.0
104	6.4	5.3	7.9

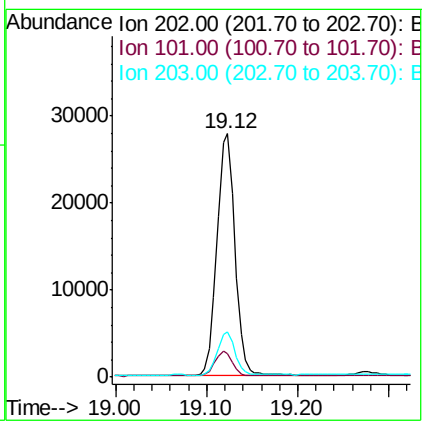


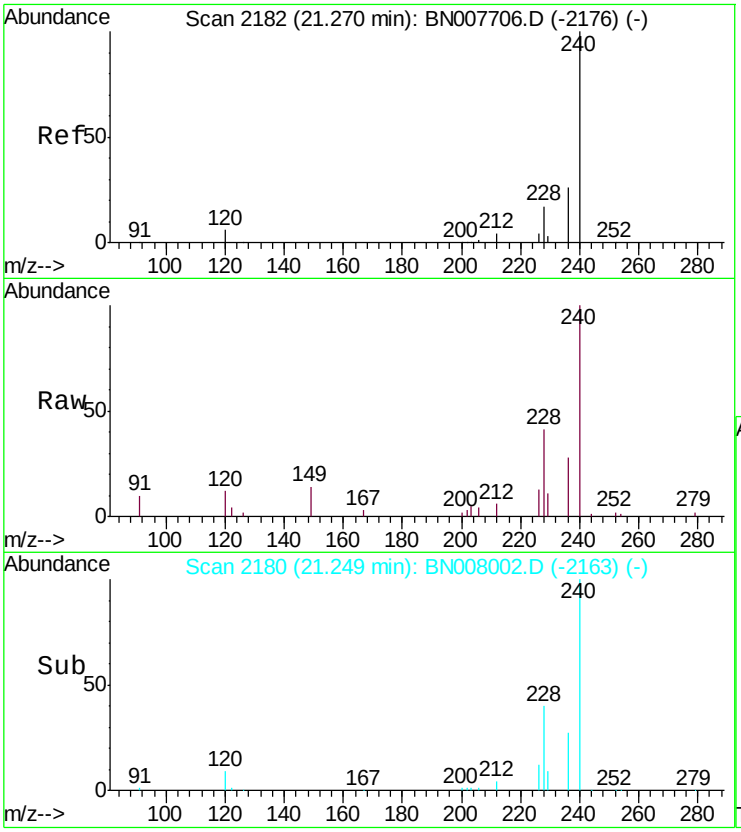


#26
Fluoranthene
Concen: 0.404 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:202 Resp: 37978

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.4	12.6
203	17.2	13.8	20.8



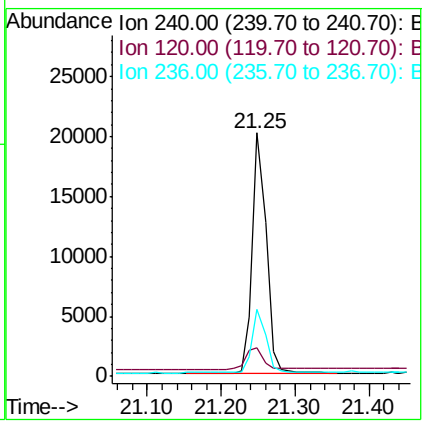


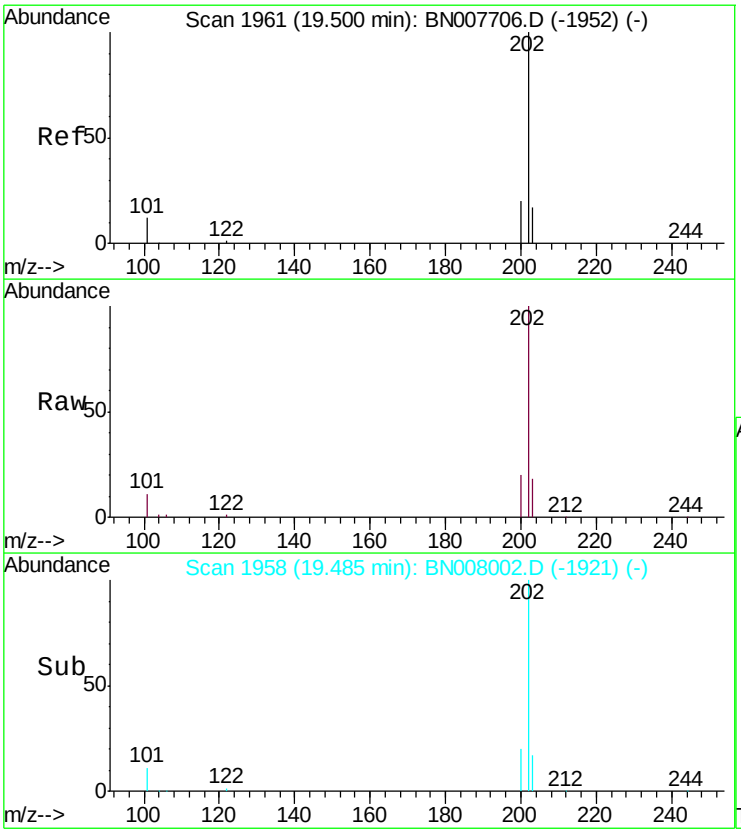
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2180
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:240 Resp: 25795

Ion	Ratio	Lower	Upper
240	100		
120	11.8	5.4	8.2#
236	27.7	21.0	31.4

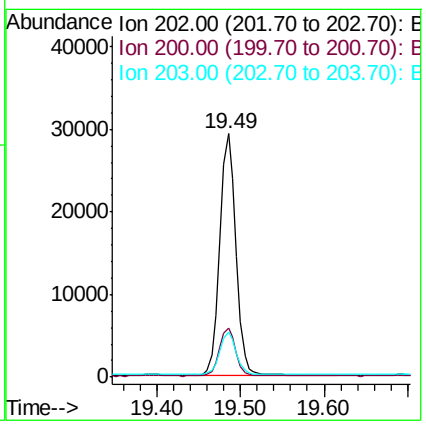


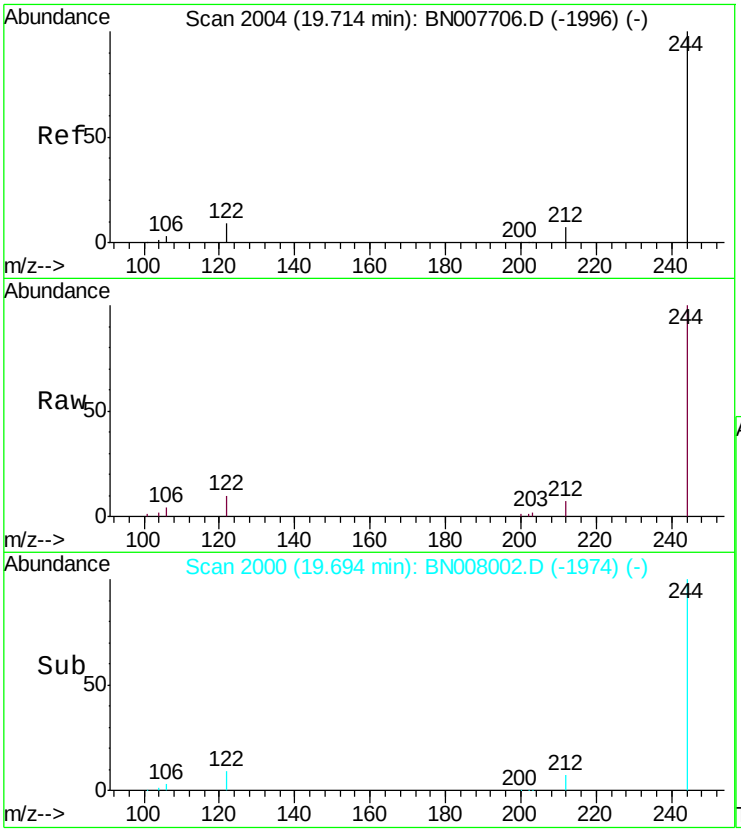


#28
Pyrene
Concen: 0.445 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:202 Resp: 39121

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.9	14.1	21.1



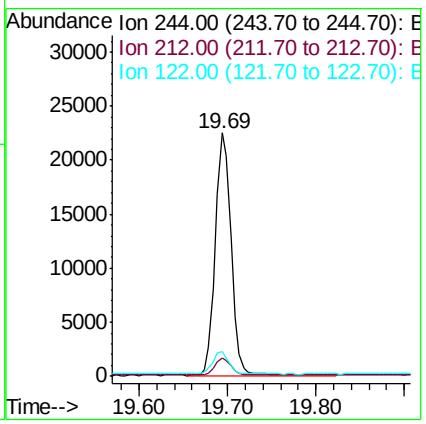


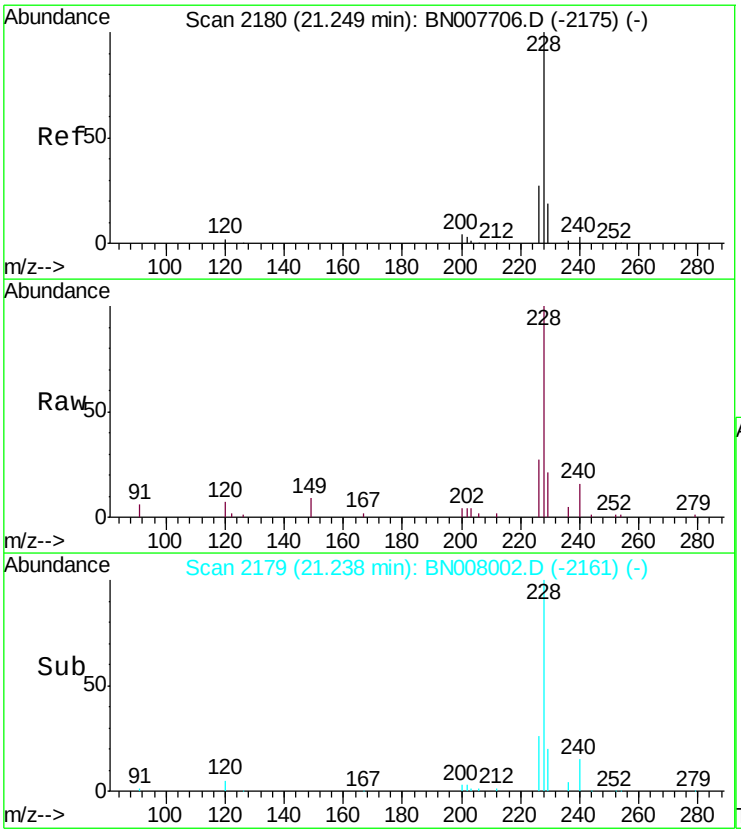
#29
Terphenyl-d14
Concen: 0.438 ng
RT: 19.69 min Scan# 2000
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:244 Resp: 27762

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.9	8.9
122	10.1	7.4	11.2

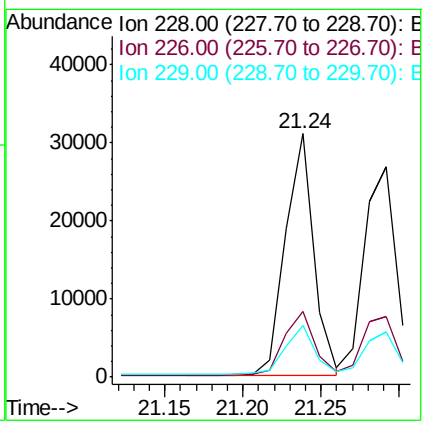


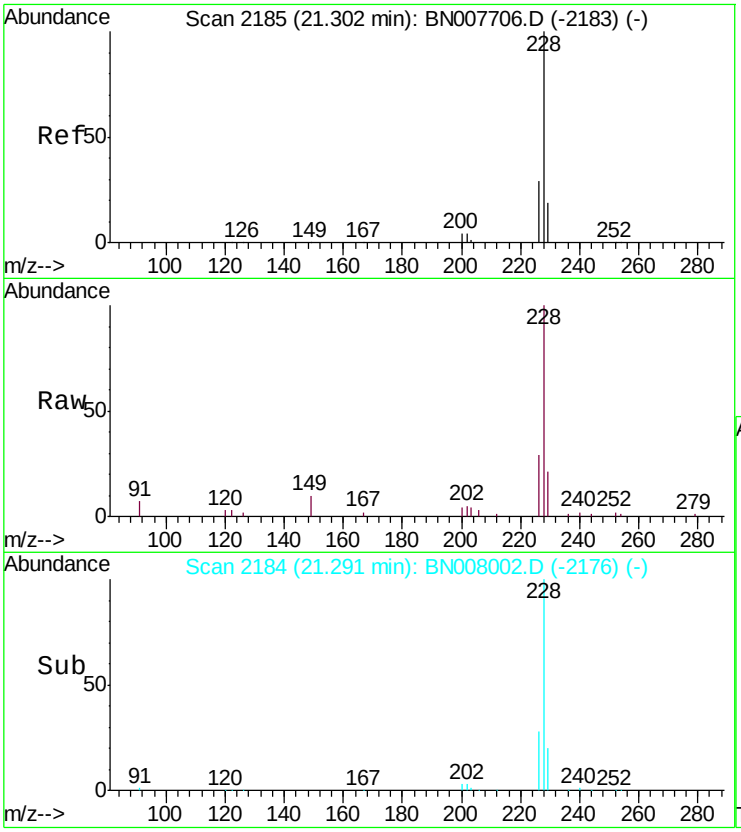


#30
Benzo(a)anthracene
Concen: 0.408 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:228 Resp: 38714

Ion	Ratio	Lower	Upper
228	100		
226	27.0	22.1	33.1
229	21.1	15.8	23.6



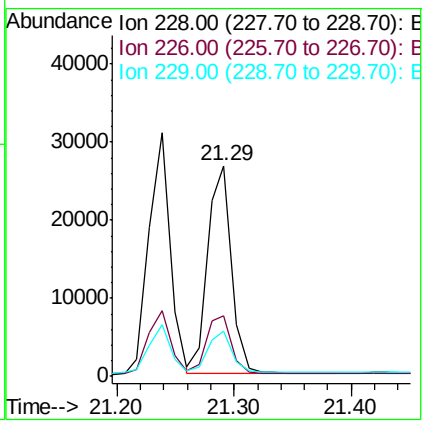


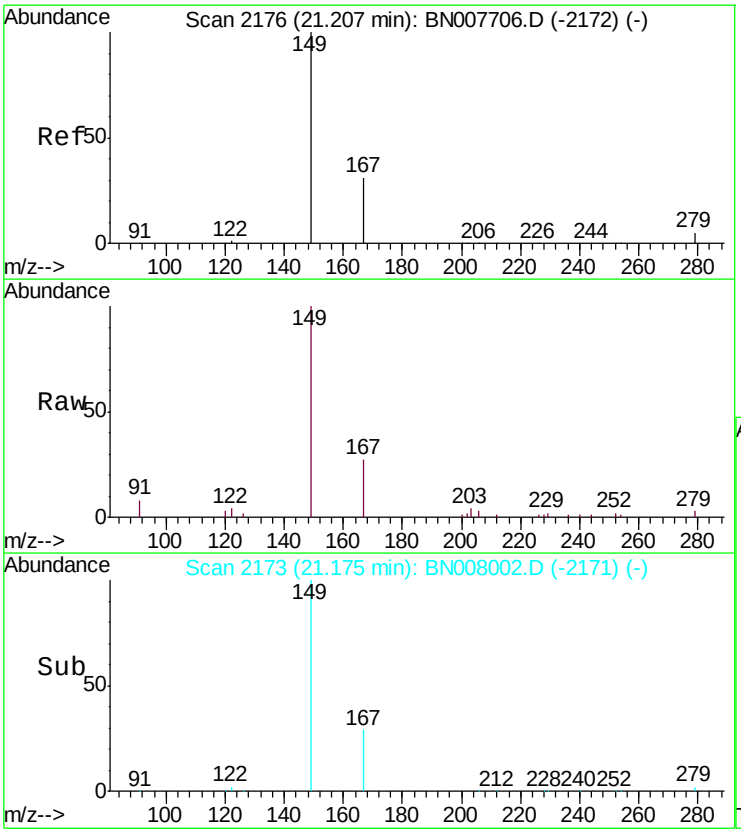
#31
Chrysene
Concen: 0.410 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:228 Resp: 37911

Ion	Ratio	Lower	Upper
228	100		
226	29.0	23.9	35.9
229	21.2	15.8	23.6

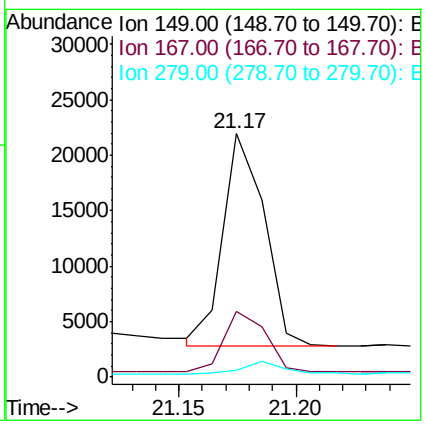


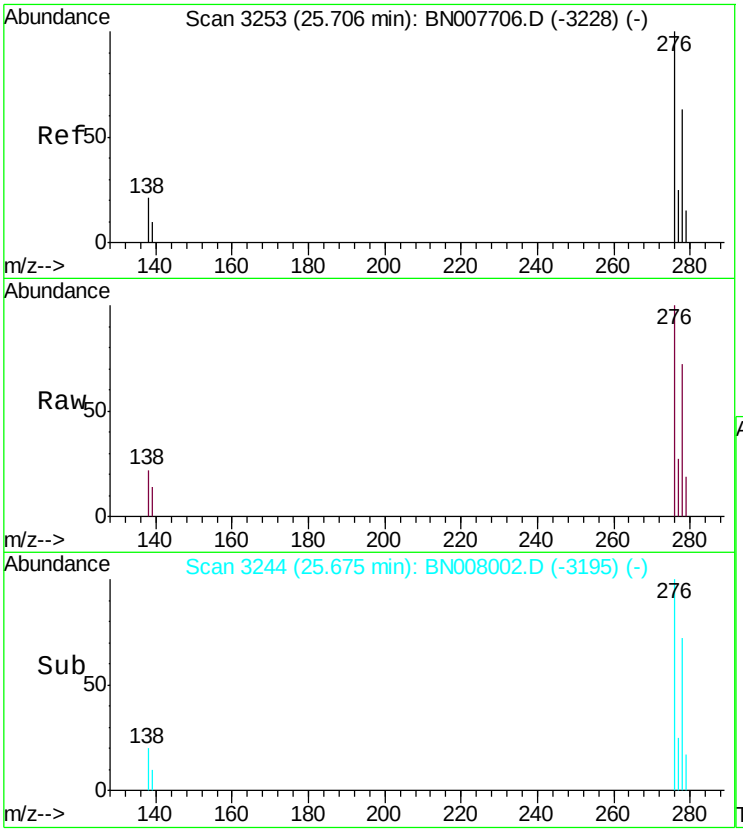


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.479 ng
RT: 21.17 min Scan# 2173
Delta R.T. -0.03 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:149 Resp: 23401

Ion	Ratio	Lower	Upper
149	100		
167	29.0	23.7	35.5
279	5.3	4.2	6.2



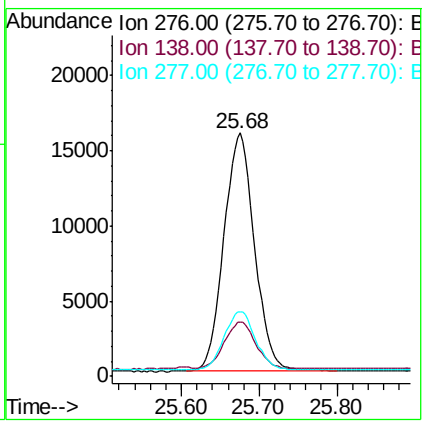


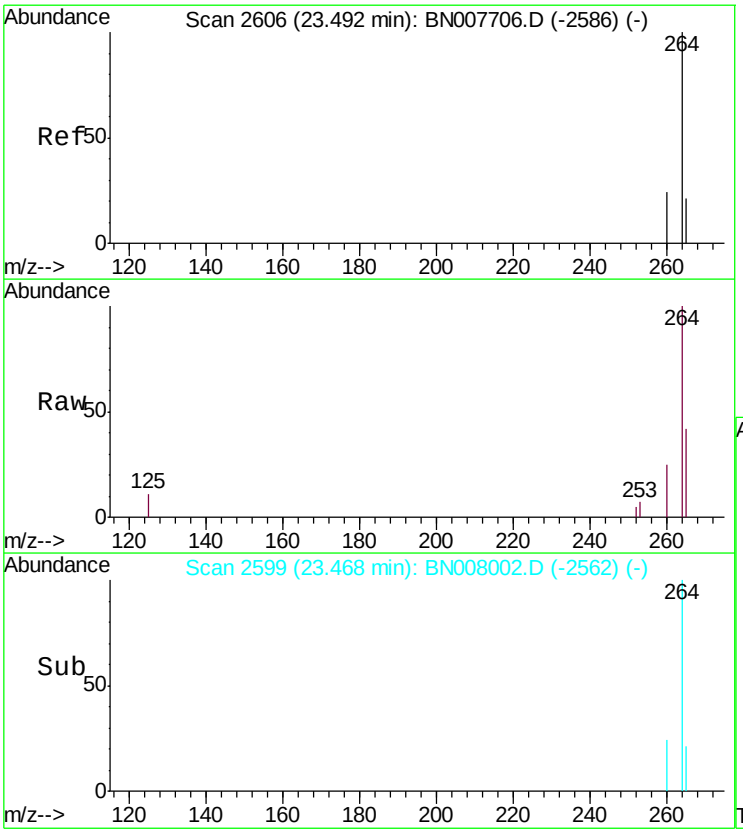
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.375 ng
RT: 25.68 min Scan# 3244
Delta R.T. -0.03 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 43467

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

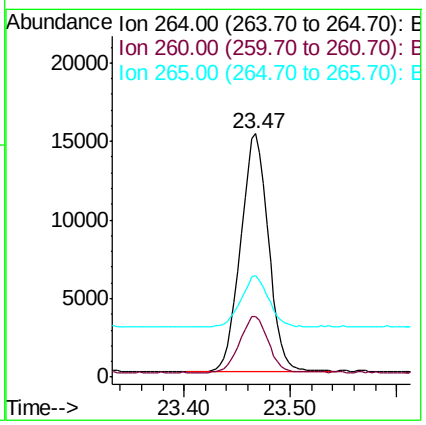


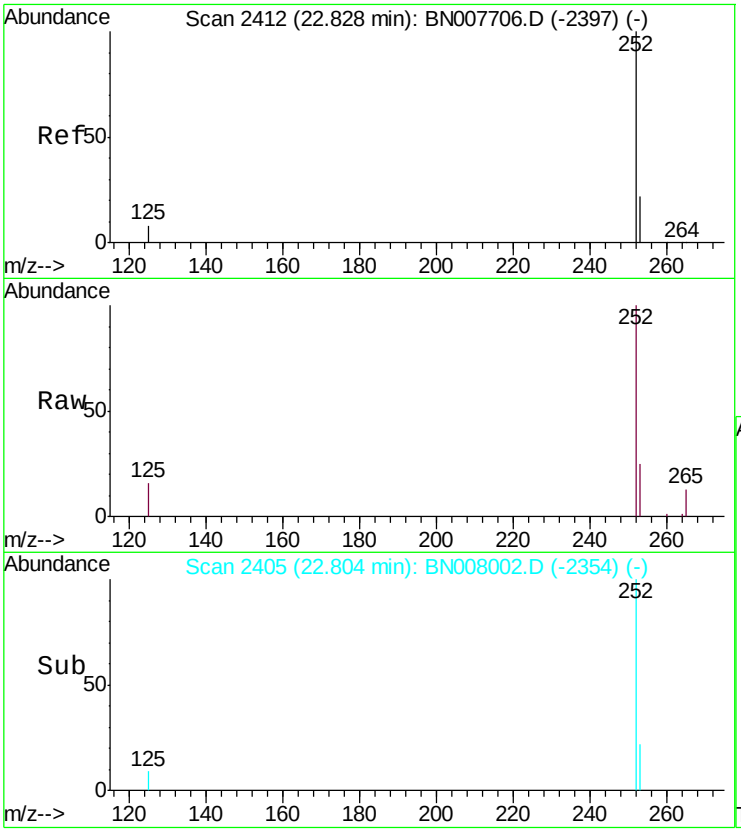


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:264 Resp: 27656

Ion	Ratio	Lower	Upper
264	100		
260	25.0	19.3	28.9
265	41.6	26.9	40.3#



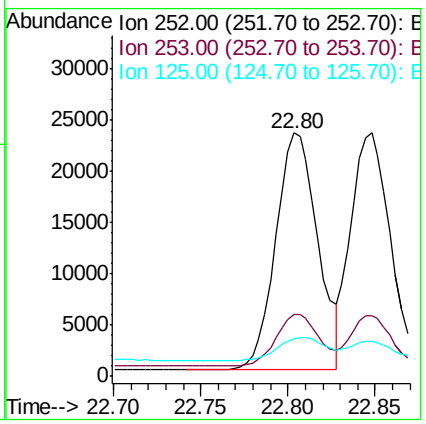


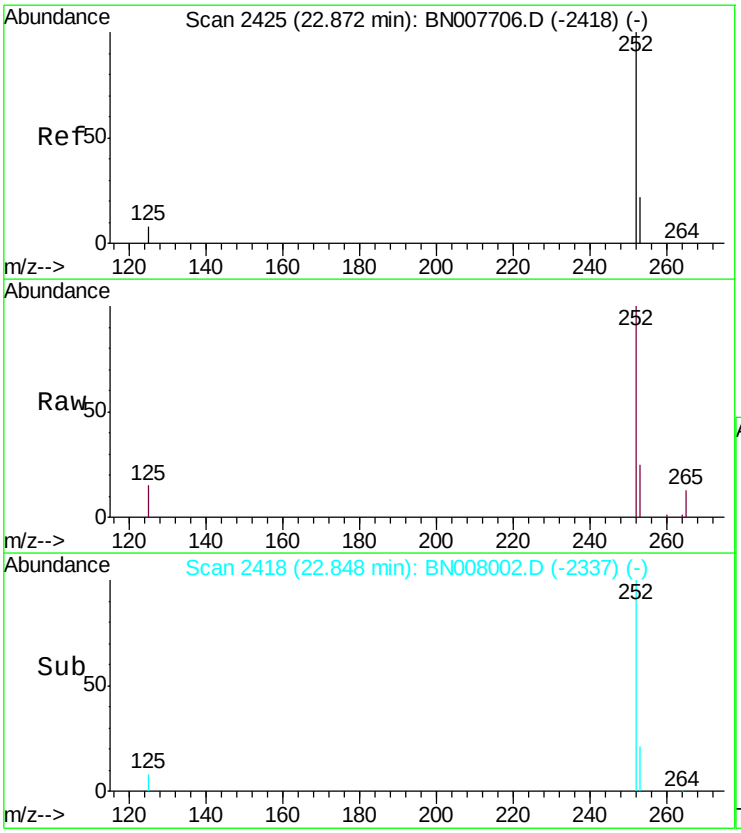
#35
Benzo(b)fluoranthene
Concen: 0.404 ng
RT: 22.80 min Scan# 2405
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 38750

Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.3	27.5
125	15.6	8.2	12.4#

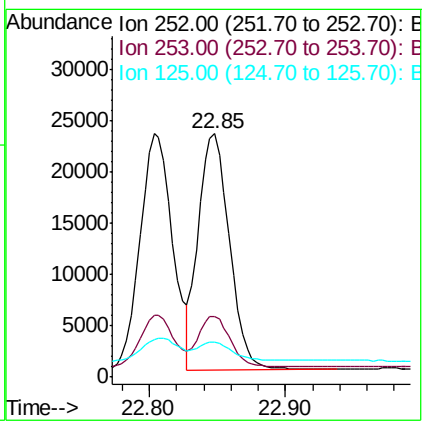


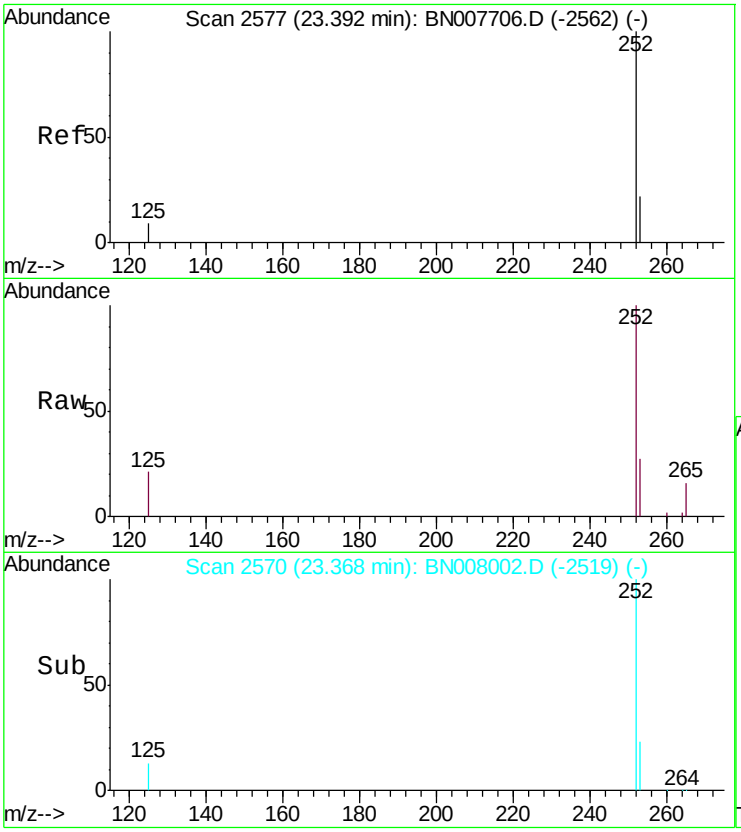


#36
Benzo(k)fluoranthene
Concen: 0.385 ng
RT: 22.85 min Scan# 2418
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:252 Resp: 36561

Ion	Ratio	Lower	Upper
252	100		
253	25.2	18.5	27.7
125	14.6	8.4	12.6#



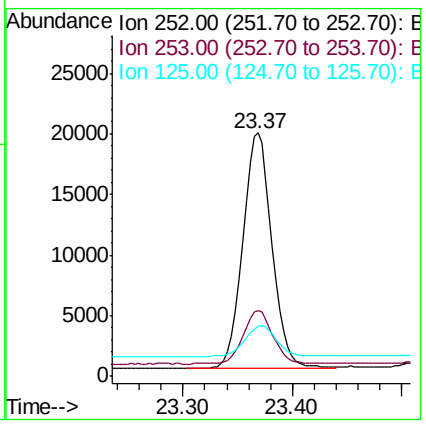


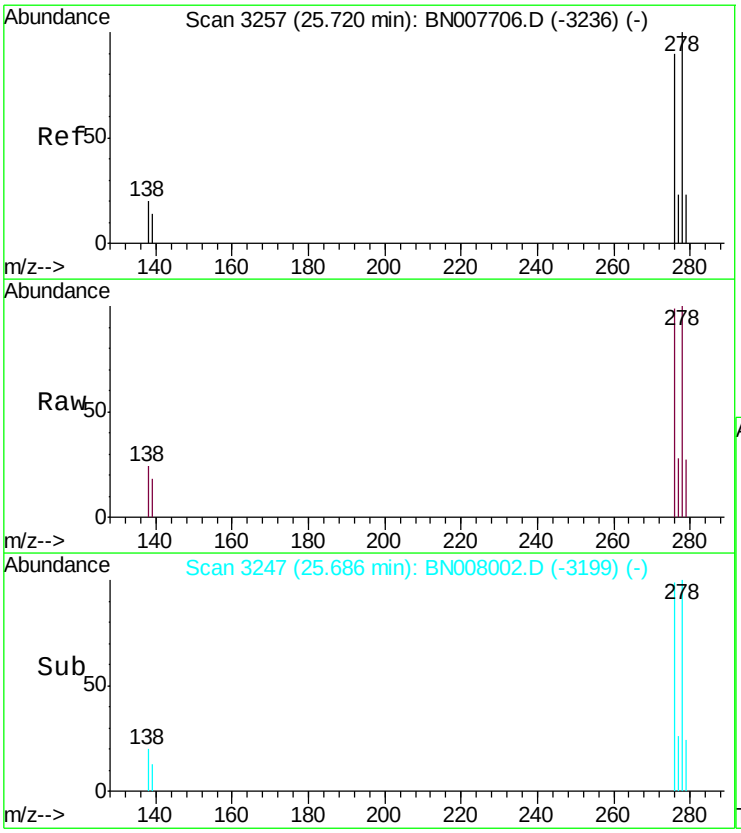
#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.37 min Scan# 2570
Delta R.T. -0.02 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:252 Resp: 36063

Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.6	27.8
125	20.5	9.4	14.0#

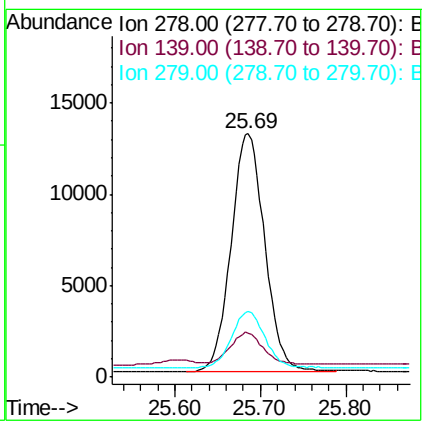


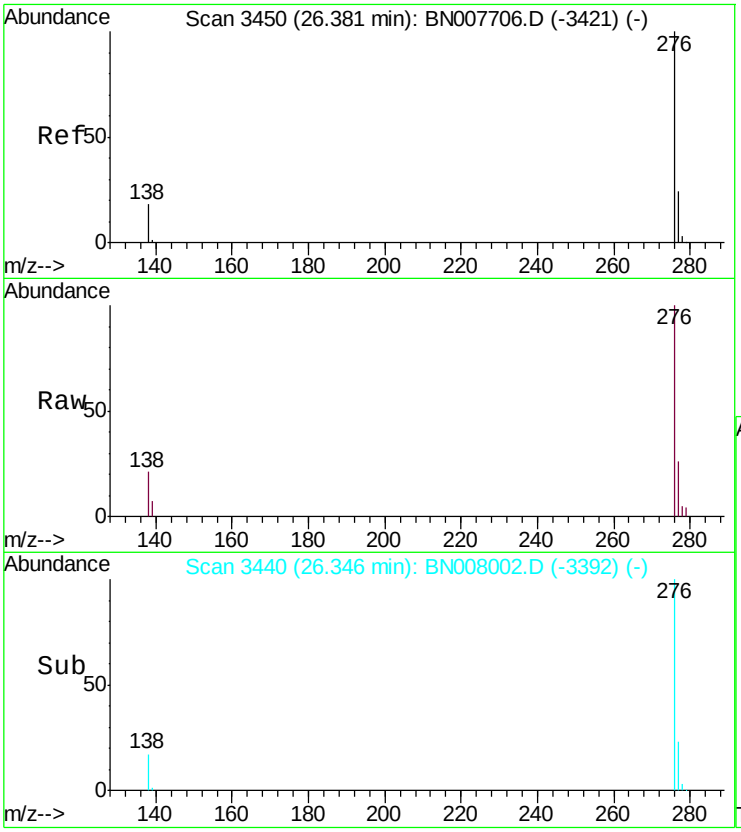


#38
Dibenzo(a,h)anthracene
Concen: 0.384 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Tgt Ion:278 Resp: 35496

Ion	Ratio	Lower	Upper
278	100		
139	18.1	11.8	17.6#
279	26.8	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.391 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN008002.D
Acq: 04 Oct 2019 04:10

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Tgt Ion:276 Resp: 35731

Ion	Ratio	Lower	Upper
276	100		
277	26.3	19.8	29.8
138	21.0	15.1	22.7