Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

Quantitation Report (Not Reviewed)

Data File : BN007909.D
Acq On : 30 Sep 2019 23:48
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 01 07:44:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6441	0.40	ng		0.00
7) Naphthalene-d8	10.46	136	25822	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	15037	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	30703	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	35599	0.40	ng		-0.01
34) Perylene-d12	23.47	264	38748	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	7955	0.36	ng		0.00
5) Phenol-d6	6.87	99	10446	0.38	ng		0.00
8) Nitrobenzene-d5	8.83	82	9031	0.40	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	17936	0.41	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	2667	0.33	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	24617	0.40	ng		-0.01
25) Fluoranthene-d10	19.09	212	42711	0.41	ng		-0.02
29) Terphenyl-d14	19.70	244	37447	0.43	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	2748	0.383	ng	#	80
3) n-Nitrosodimethylamine	3.00	42	2355	0.716	ng	#	84
6) bis(2-Chloroethyl)ether	7.13	93	7941	0.435	ng		95
9) Naphthalene	10.51	128	30517	0.421	ng		100
10) Hexachlorobutadiene	10.81	225	6606	0.433	ng	#	100
12) 2-Methylnaphthalene	12.13	142	20382	0.416	ng		100
16) Acenaphthylene	14.03	152	31398	0.394	ng		100
17) Acenaphthene	14.38	154	19449	0.378	ng		96
18) Fluorene	15.36	166	25029	0.380	ng		100
20) 4-Bromophenyl-phenylether	16.26	248	8055	0.432	ng		100
21) Hexachlorobenzene	16.38	284	9225	0.453	ng		99
22) Pentachlorophenol	16.72	266	3064	0.408	ng		99
23) Phenanthrene	17.10	178	40648	0.425	ng		100
24) Anthracene	17.19	178	36401	0.421	ng		100
26) Fluoranthene	19.12	202	49736	0.418	ng		100
28) Pyrene	19.49	202	50884	0.419	ng		100
30) Benzo(a)anthracene	21.24	228	52139	0.398	ng		99
31) Chrysene	21.29	228	54537	0.427	ng		99
32) Bis(2-ethylhexyl)phthalate	21.19	149	24778	0.368	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	63363	0.396	ng		99
35) Benzo(b)fluoranthene	22.81	252	55272	0.411	ng		99
36) Benzo(k)fluoranthene	22.85	252	55097	0.414	ng		100
37) Benzo(a)pyrene	23.38	252	51530	0.408	ng	#	97
38) Dibenzo(a,h)anthracene	25.69	278	51287	0.396	ng		99
39) Benzo(g,h,i)perylene	26.35	276	51413	0.402	ng		99

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

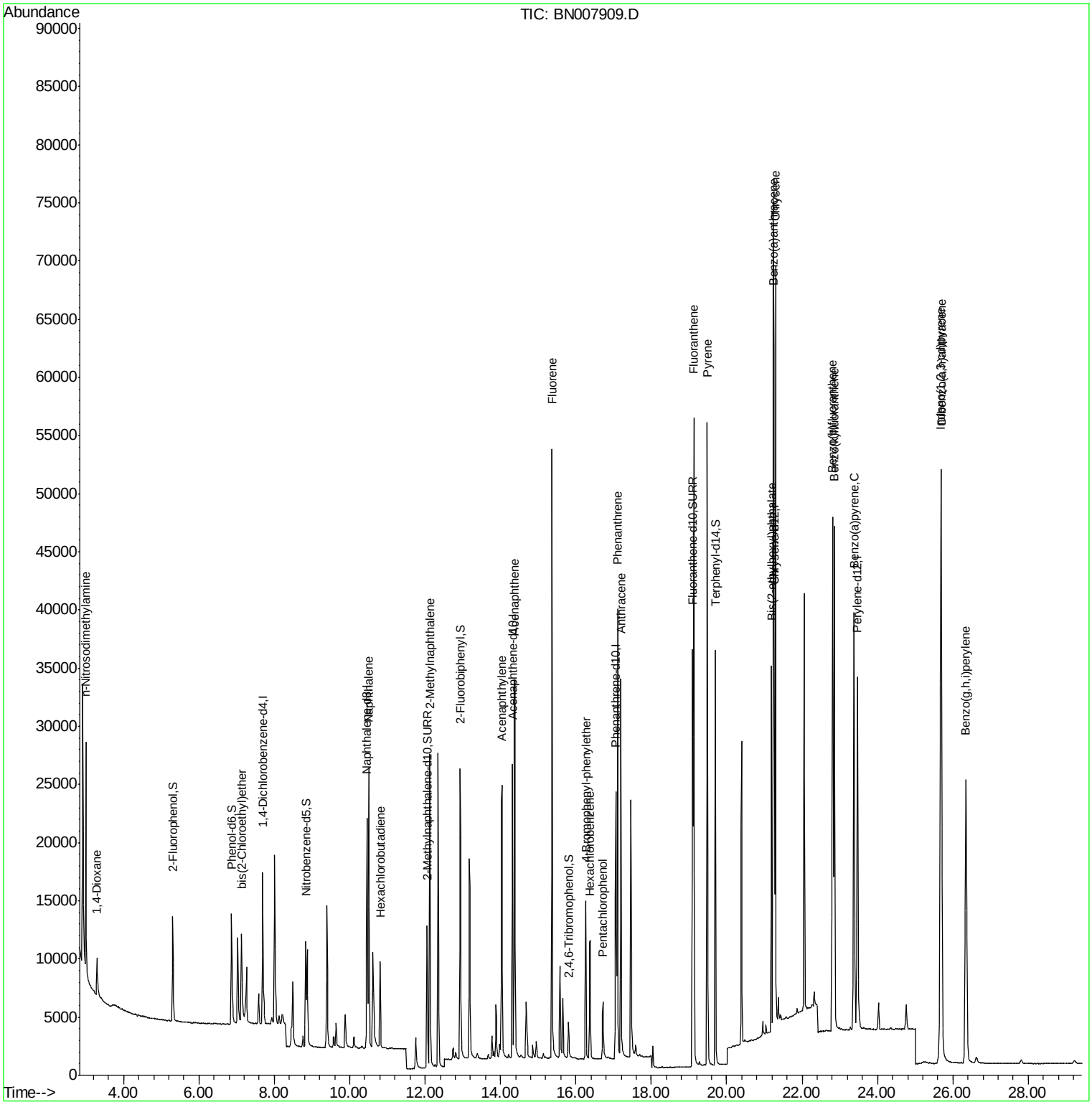
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN093019\

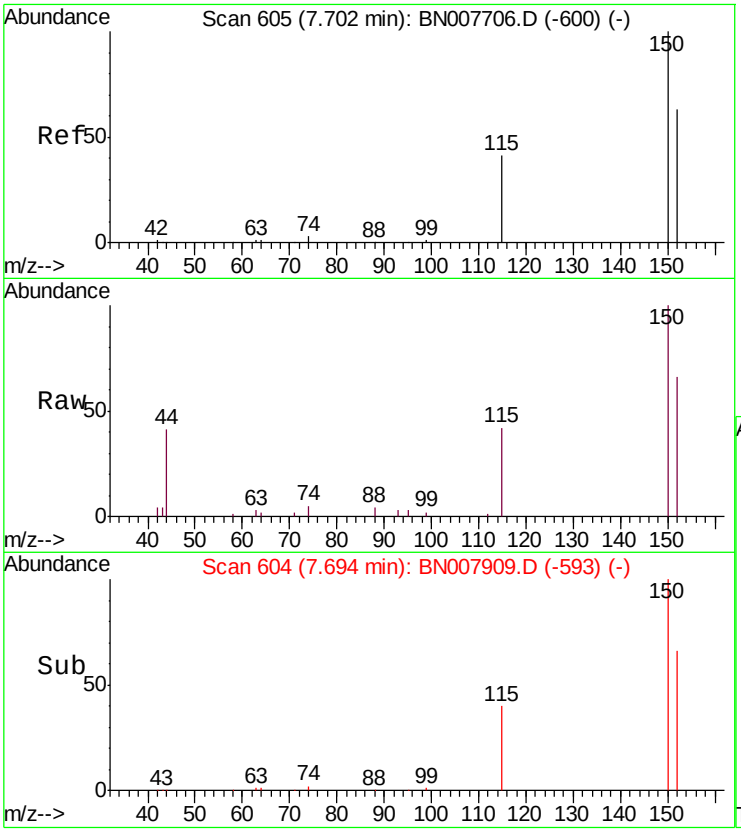
Quantitation Report (Not Reviewed)

Data File : BN007909.D
Acq On : 30 Sep 2019 23:48
Operator : JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 01 07:44:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration



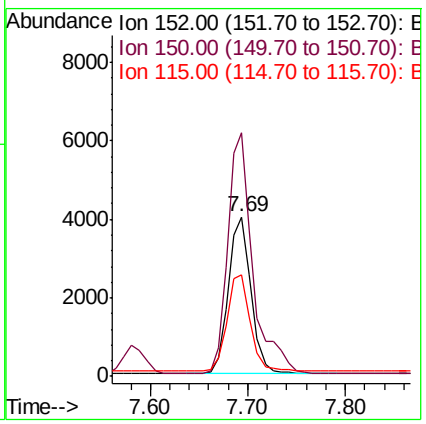


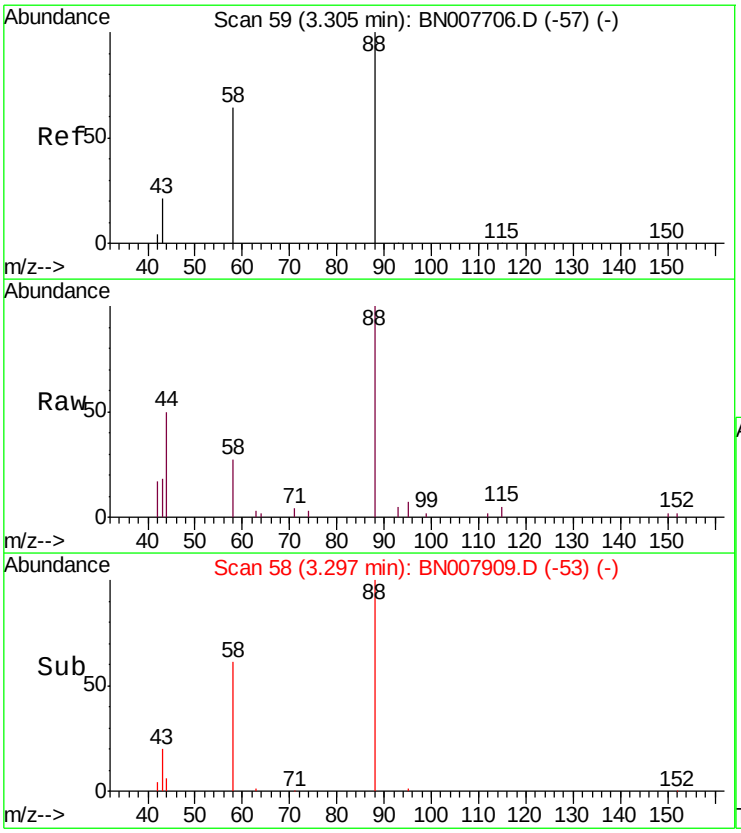
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 604
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 6441

Ion	Ratio	Lower	Upper
152	100		
150	152.5	125.6	188.4
115	63.3	53.3	79.9

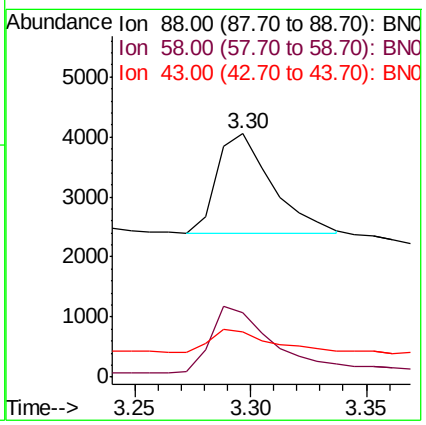


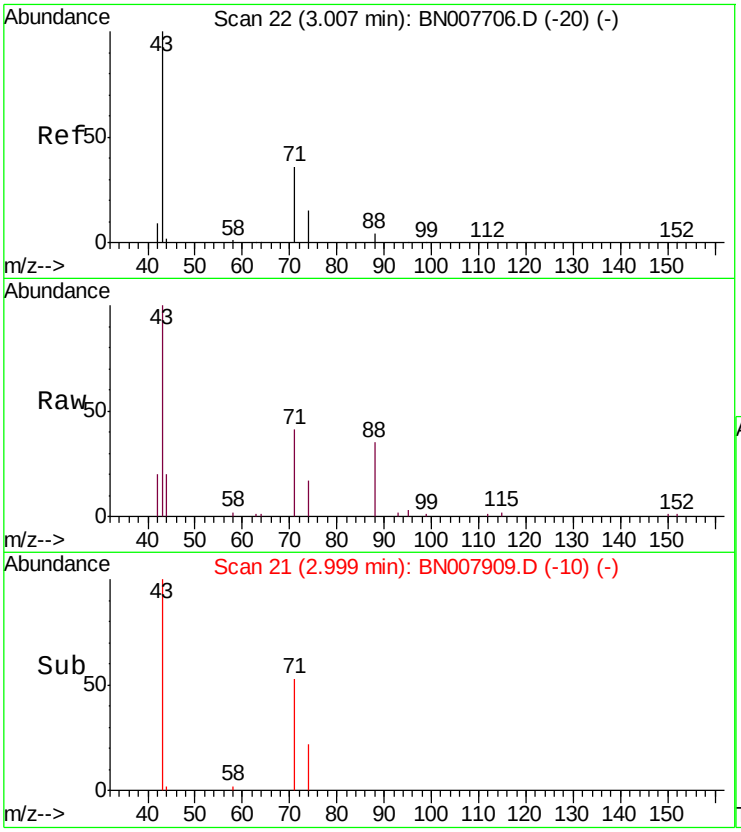


#2
1,4-Dioxane
Concen: 0.383 ng
RT: 3.30 min Scan# 58
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion: 88 Resp: 2748

Ion	Ratio	Lower	Upper
88	100		
58	72.0	44.6	66.8#
43	22.7	14.4	21.6#



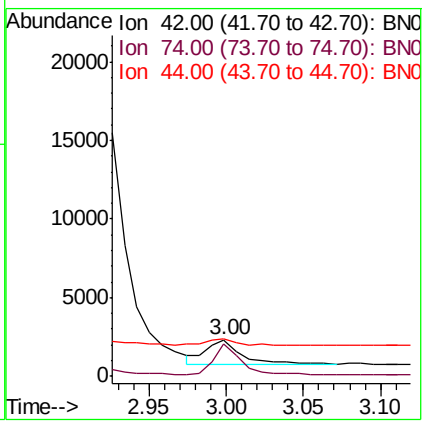


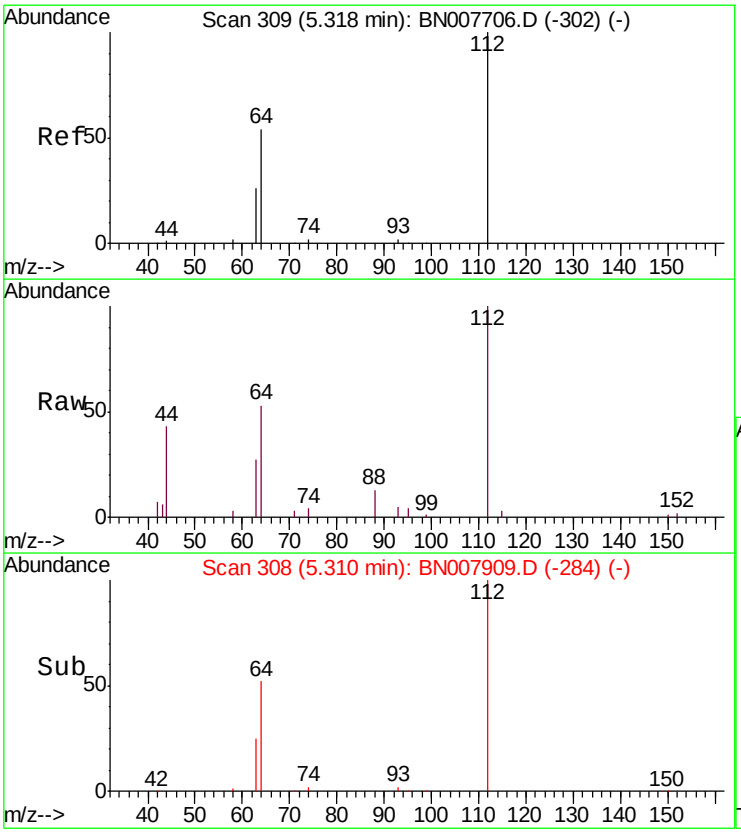
#3
n-Nitrosodimethylamine
Concen: 0.716 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 2355

Ion	Ratio	Lower	Upper
42	100		
74	92.7	87.9	131.9
44	27.3	29.4	44.0#

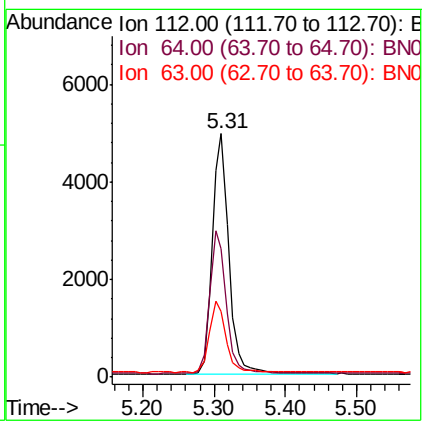


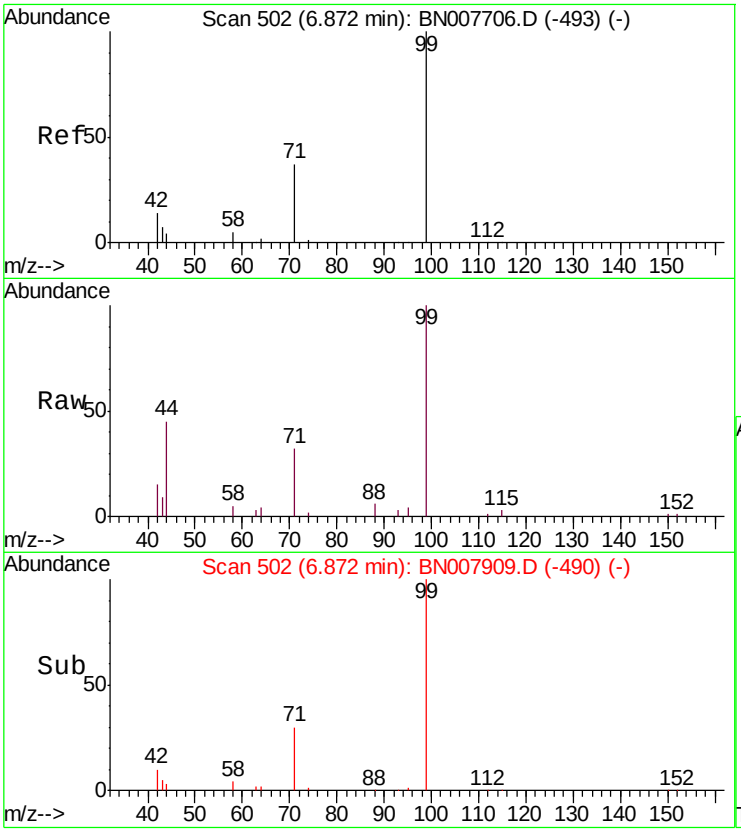


#4
2-Fluorophenol
Concen: 0.359 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:112 Resp: 7955

Ion	Ratio	Lower	Upper
112	100		
64	59.5	46.6	70.0
63	29.6	23.1	34.7



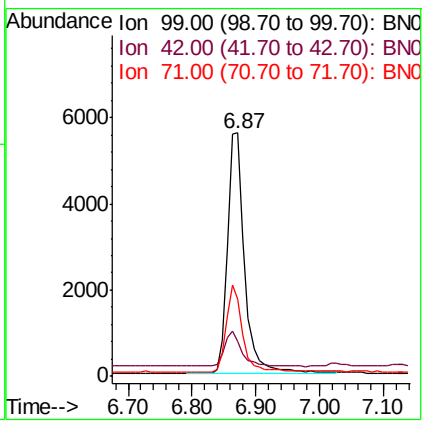


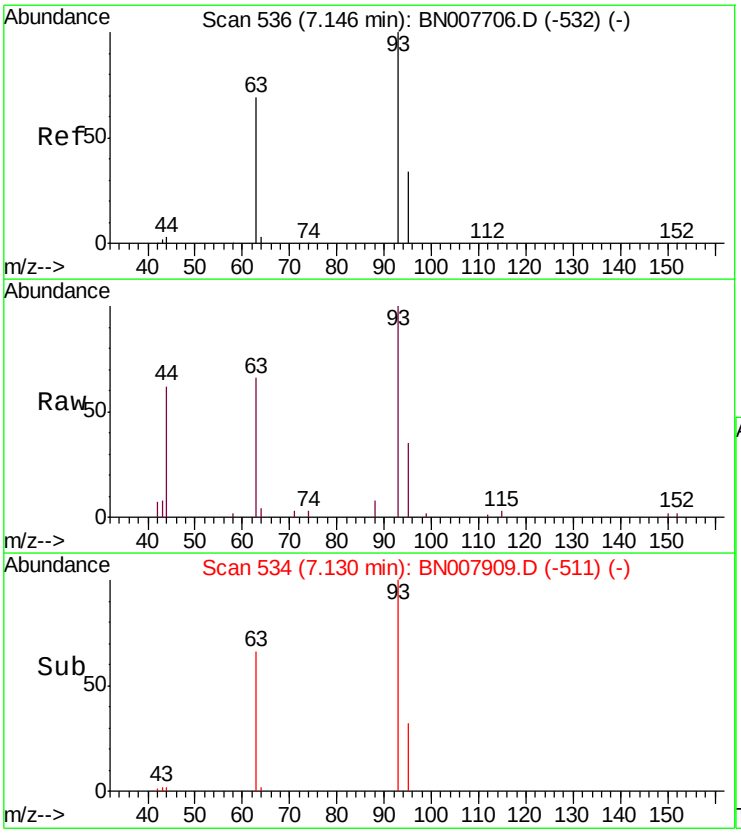
#5
Phenol-d6
Concen: 0.378 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 10446

Ion	Ratio	Lower	Upper
99	100		
42	14.7	12.8	19.2
71	34.6	27.6	41.4

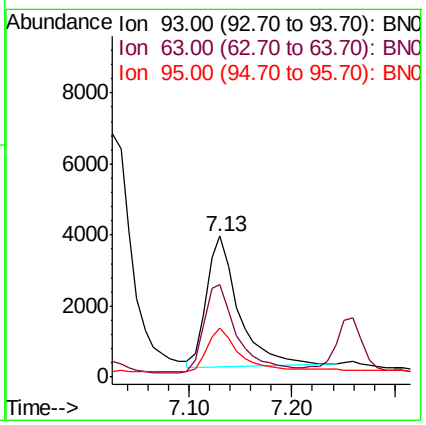


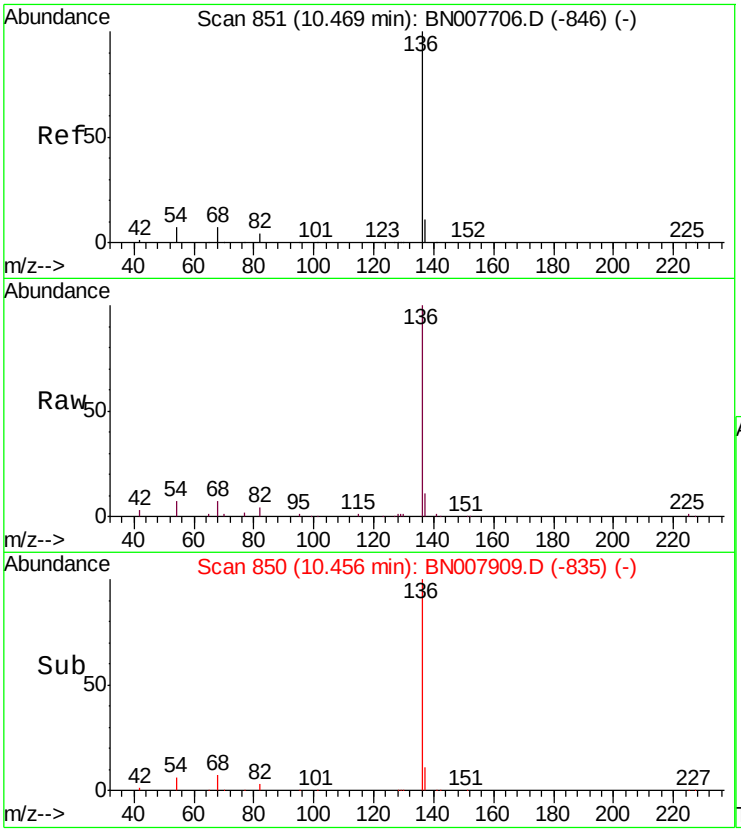


#6
bis(2-Chloroethyl)ether
Concen: 0.435 ng
RT: 7.13 min Scan# 534
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion: 93 Resp: 7941

Ion	Ratio	Lower	Upper
93	100		
63	71.7	59.3	88.9
95	33.8	31.4	47.0



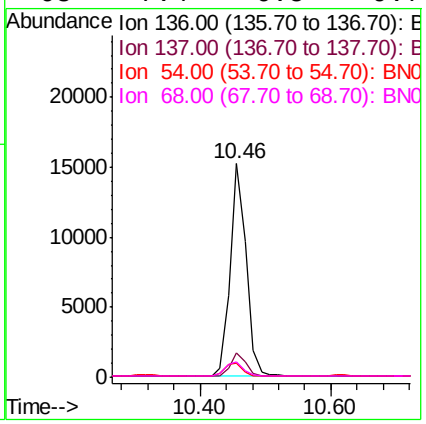


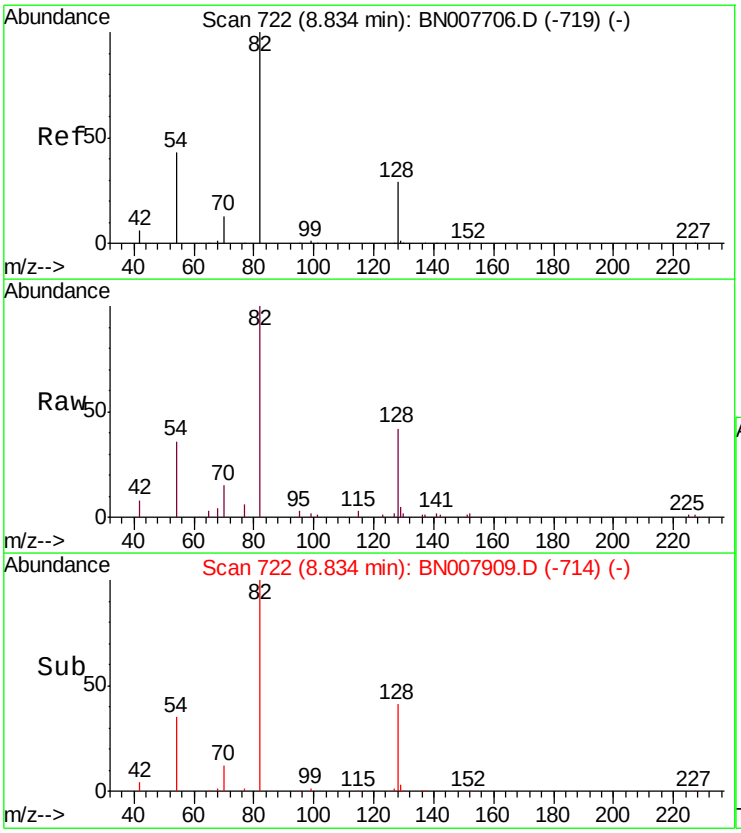
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 25822

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.2	13.8
54	6.7	5.8	8.8
68	7.4	6.5	9.7

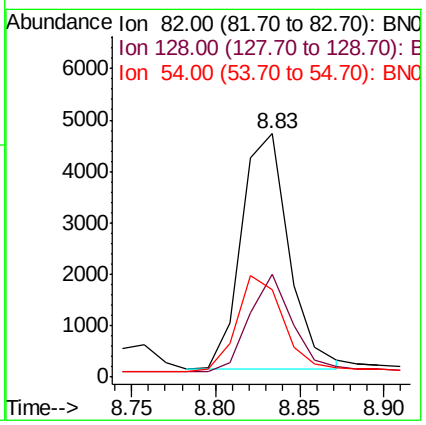


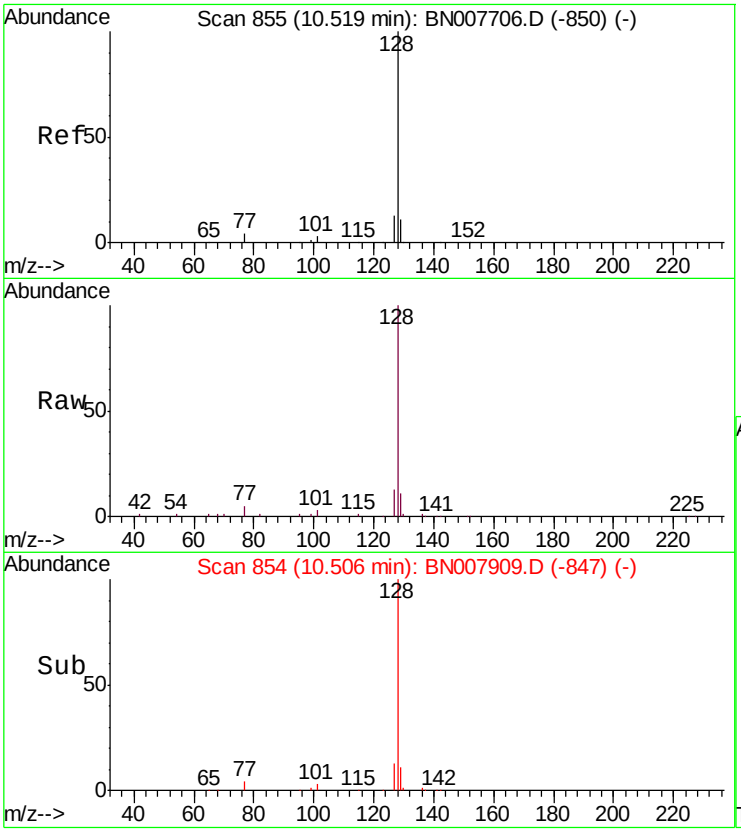


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.83 min Scan# 722
Delta R.T. -0.00 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion: 82 Resp: 9031

Ion	Ratio	Lower	Upper
82	100		
128	42.1	24.5	36.7#
54	35.9	35.2	52.8



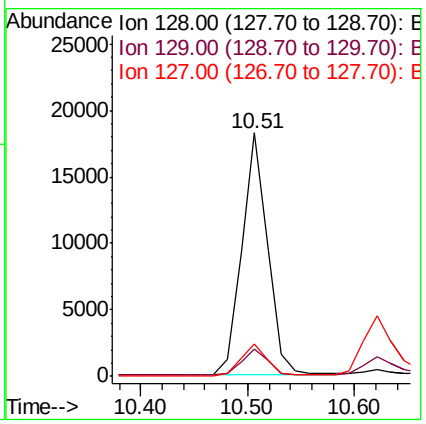


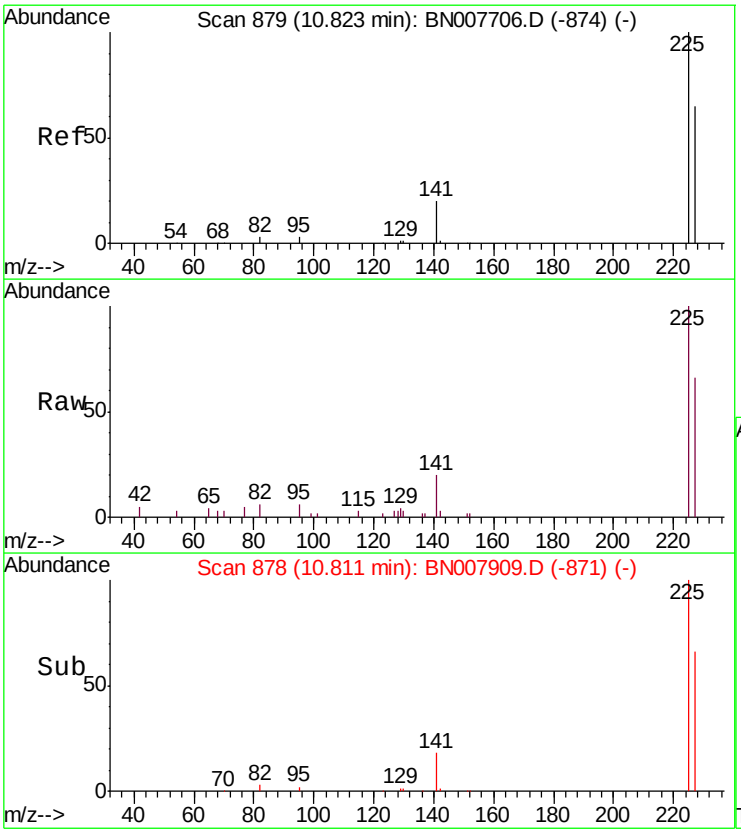
#9
Naphthalene
Concen: 0.421 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 30517

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.2	10.6	15.8

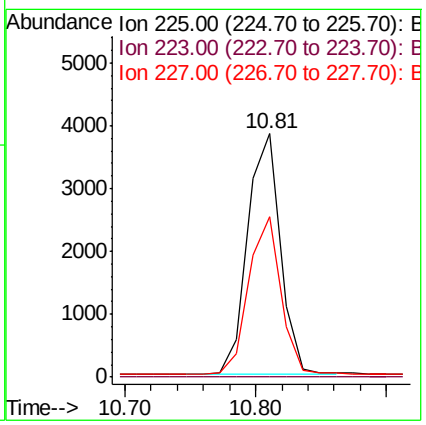


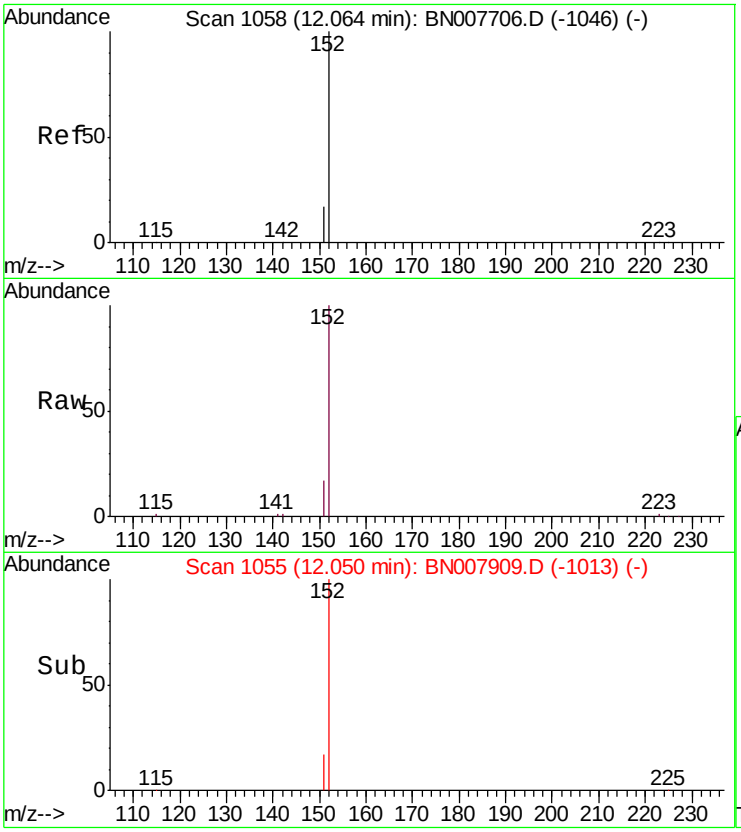


#10
Hexachlorobutadiene
Concen: 0.433 ng
RT: 10.81 min Scan# 878
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:225 Resp: 6606

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.1	51.2	76.8



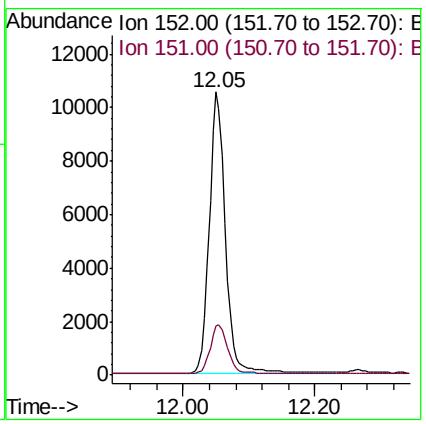


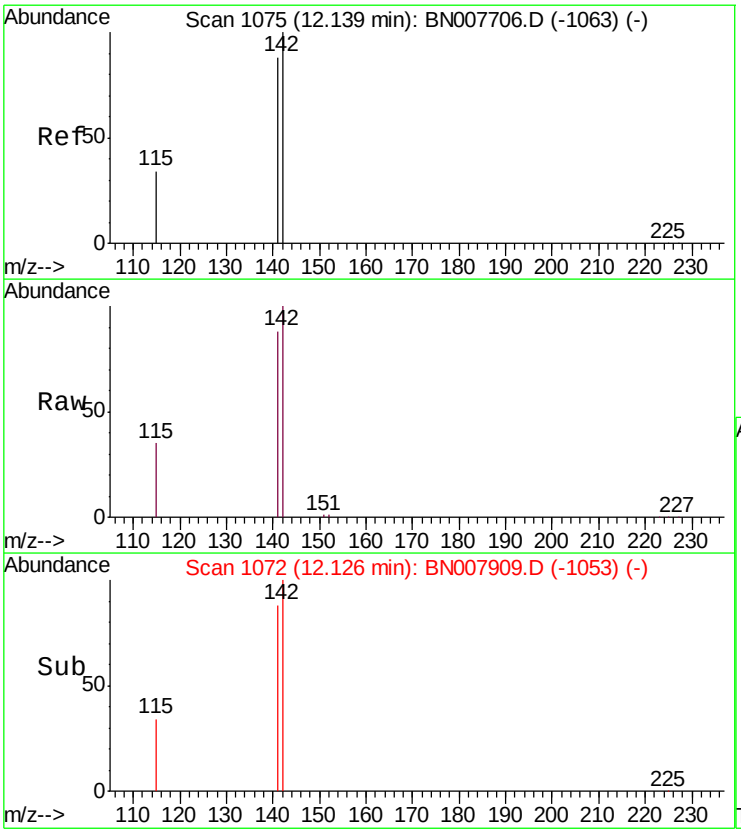
#11
2-Methylnaphthalene-d10
Concen: 0.412 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 17936

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.4	23.2

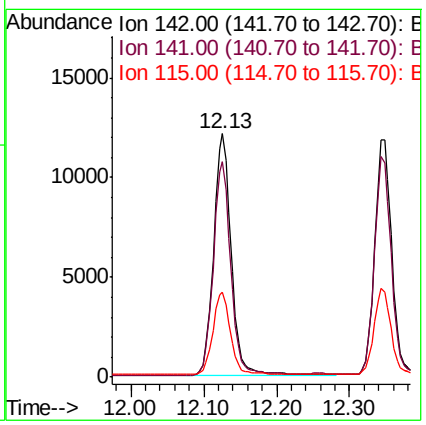


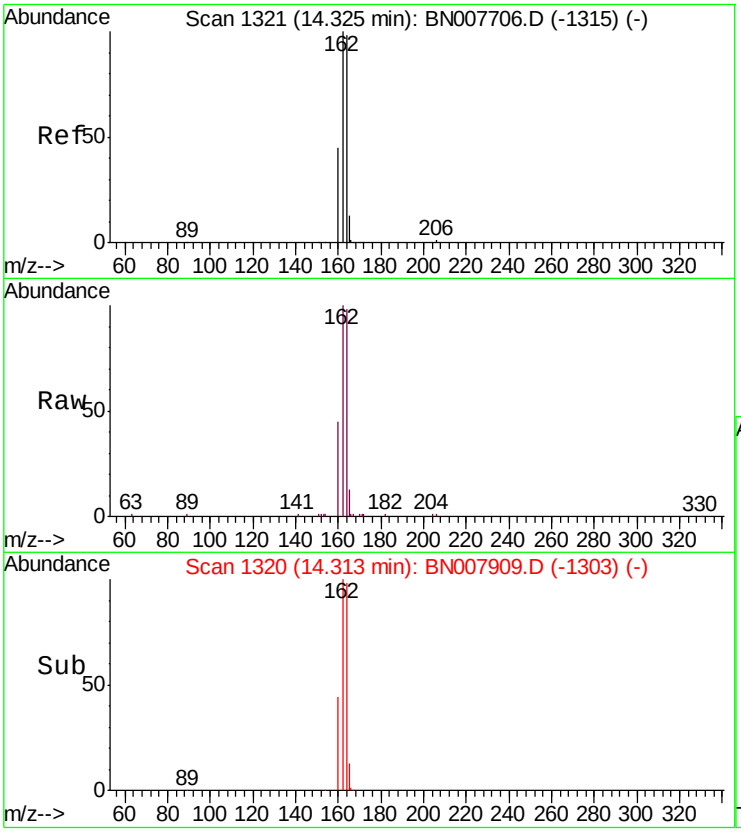


#12
2-Methylnaphthalene
Concen: 0.416 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:142 Resp: 20382

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.6	106.0
115	35.0	28.3	42.5



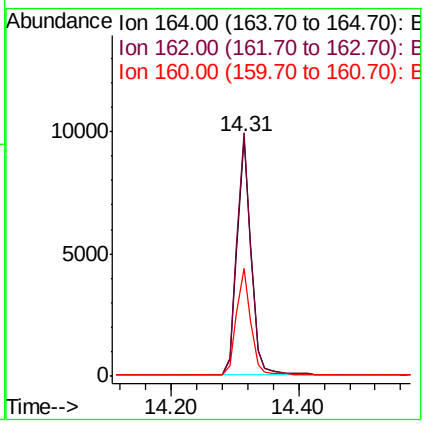


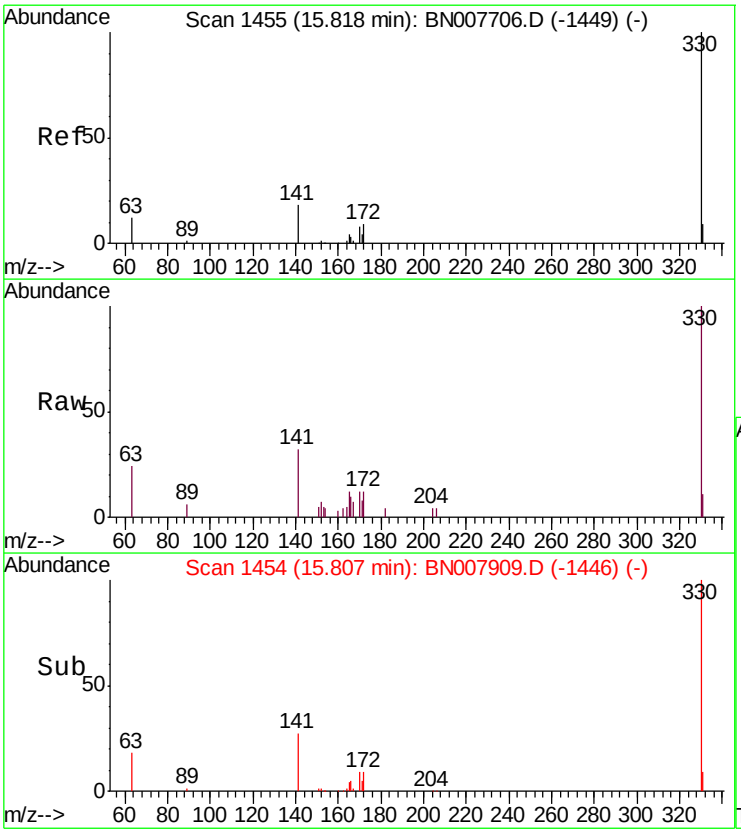
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 15037

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.7	122.5
160	45.5	37.0	55.4

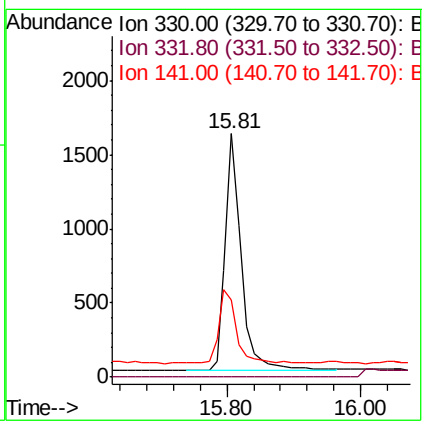


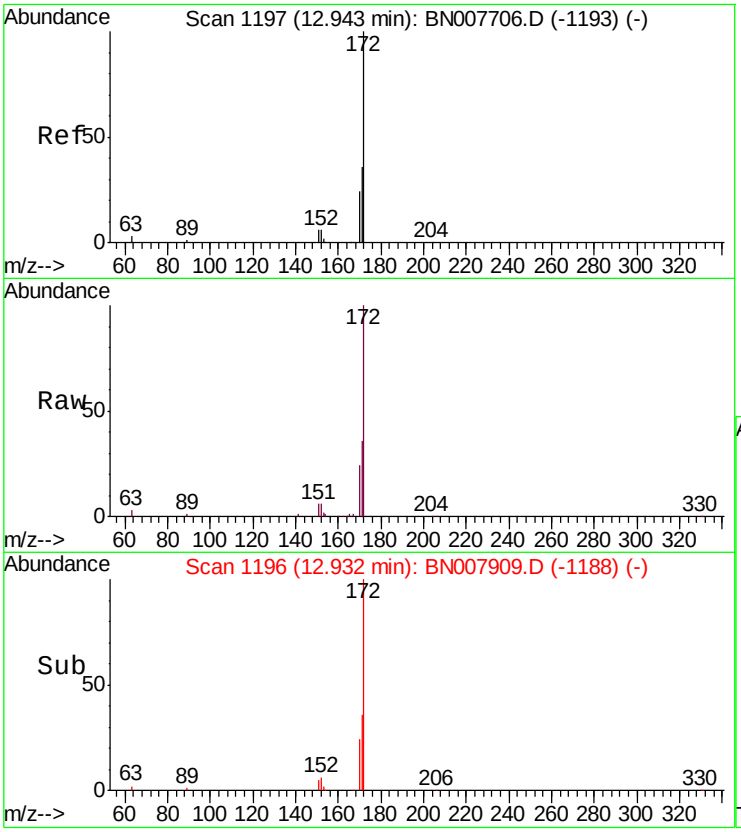


#14
2,4,6-Tribromophenol
Concen: 0.326 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:330 Resp: 2667

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.9	28.7	43.1



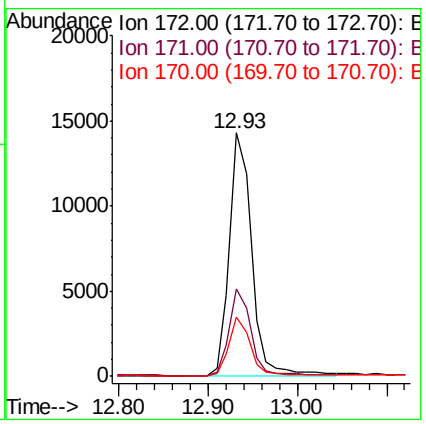


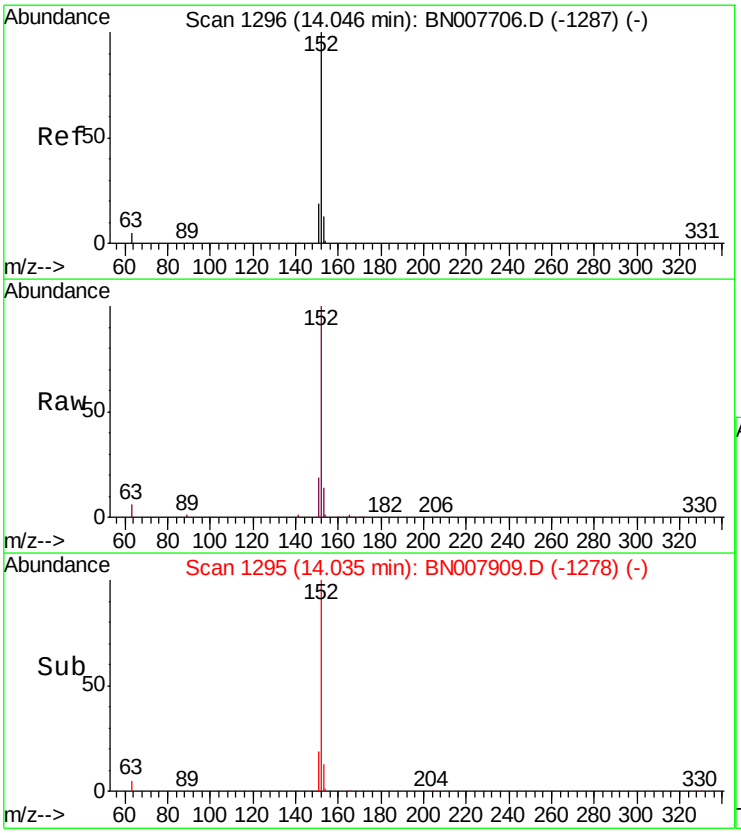
#15
2-Fluorobiphenyl
Concen: 0.397 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 24617

Ion	Ratio	Lower	Upper
172	100		
171	35.9	28.8	43.2
170	24.1	19.5	29.3

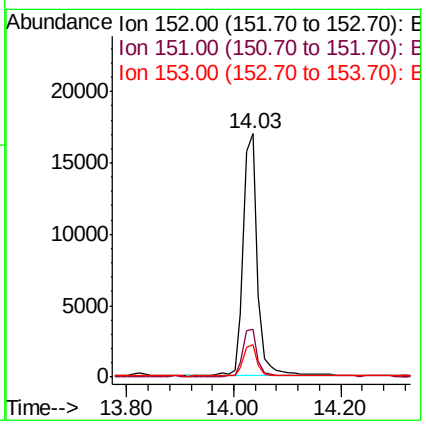


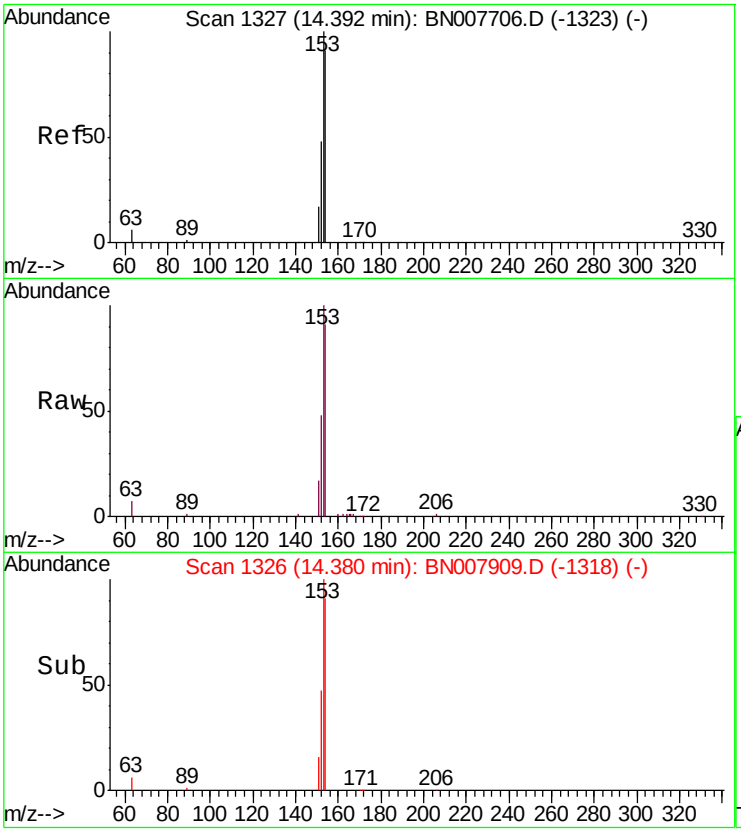


#16
Acenaphthylene
Concen: 0.394 ng
RT: 14.03 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:152 Resp: 31398

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3
153	13.0	10.4	15.6



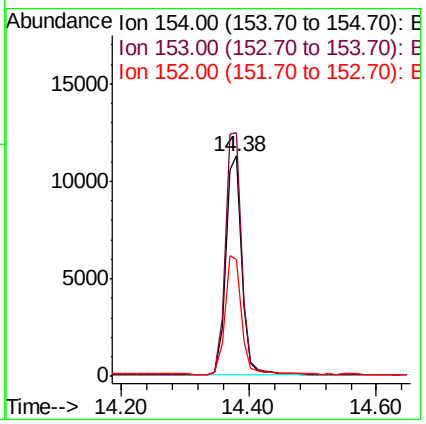


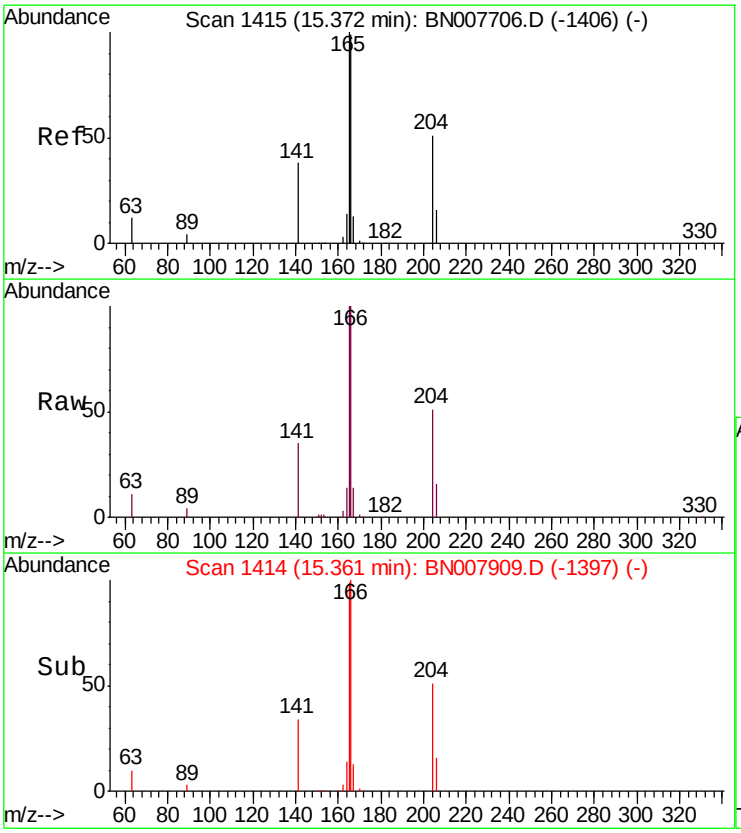
#17
Acenaphthene
Concen: 0.378 ng
RT: 14.38 min Scan# 1326
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 19449

Ion	Ratio	Lower	Upper
154	100		
153	114.3	87.0	130.4
152	55.3	42.7	64.1

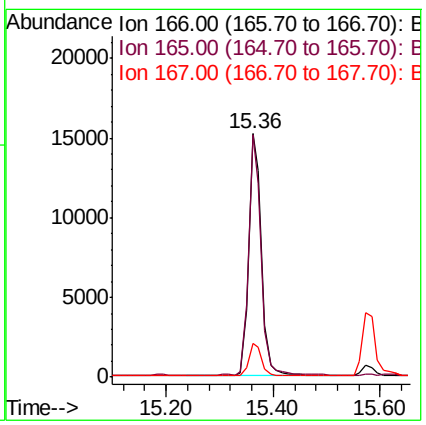


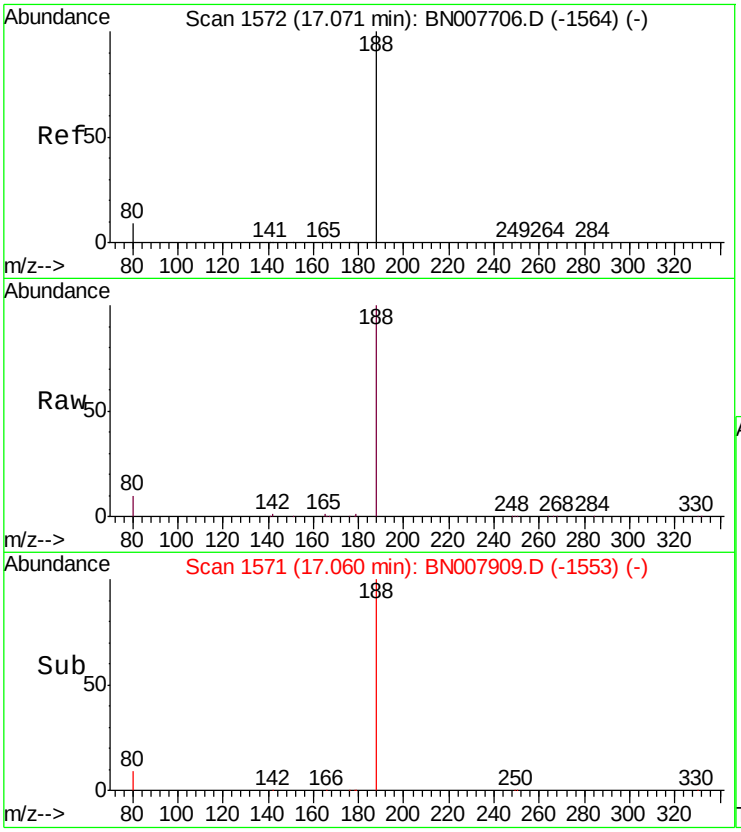


#18
Fluorene
Concen: 0.380 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:166 Resp: 25029

Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.0	117.0
167	13.6	10.9	16.3



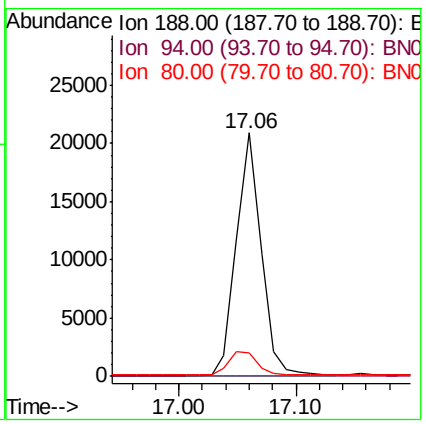


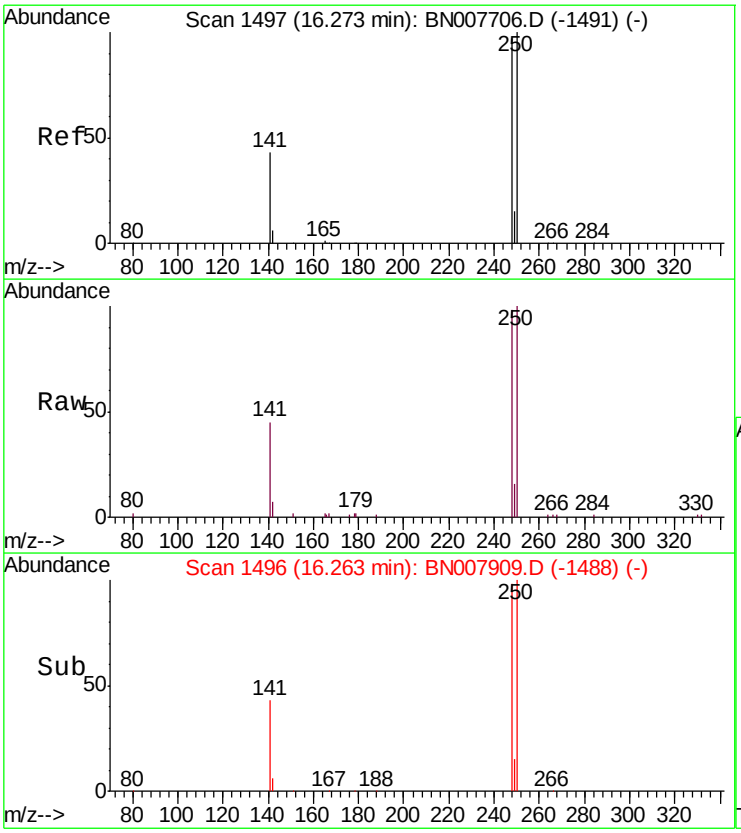
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 30703

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

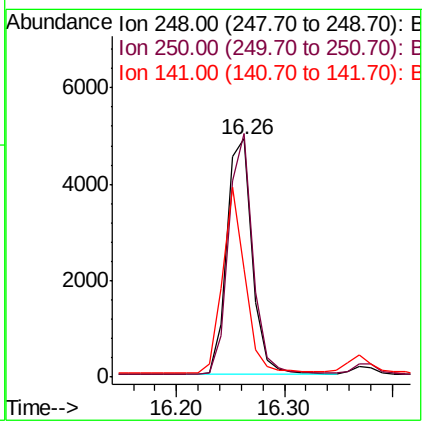


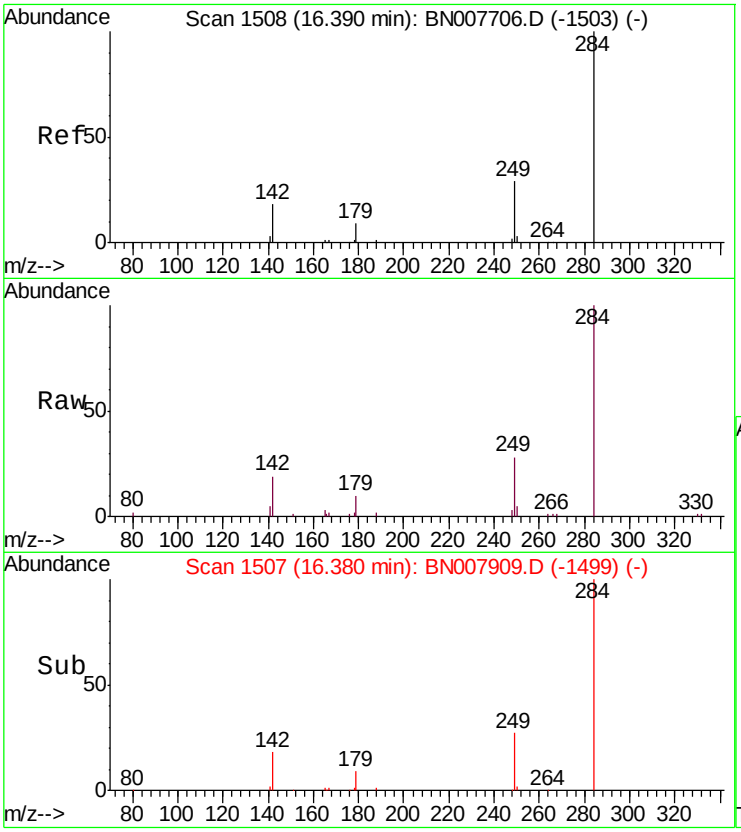


#20
4-Bromophenyl-phenylether
Concen: 0.432 ng
RT: 16.26 min Scan# 1496
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:248 Resp: 8055

Ion	Ratio	Lower	Upper
248	100		
250	102.2	82.2	123.4
141	45.5	36.3	54.5



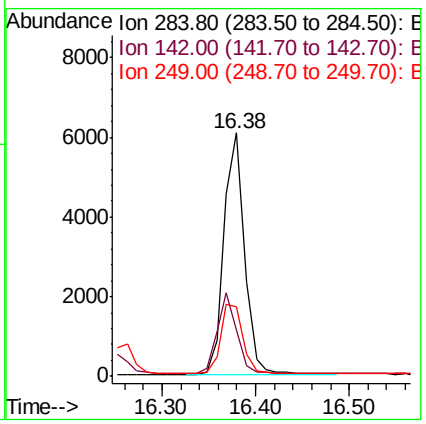


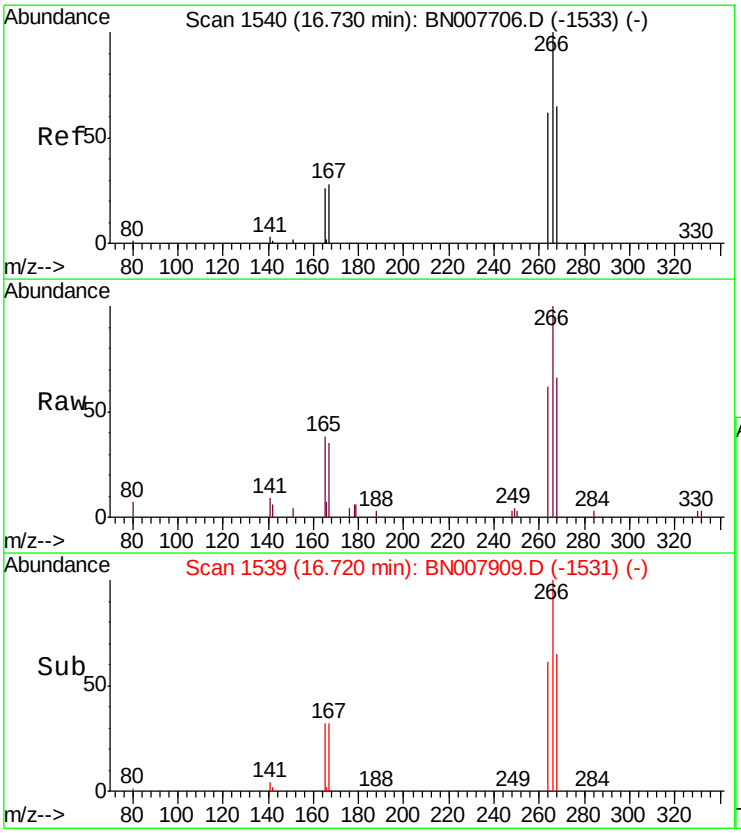
#21
Hexachlorobenzene
Concen: 0.453 ng
RT: 16.38 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 9225

Ion	Ratio	Lower	Upper
284	100		
142	32.5	25.8	38.6
249	31.8	25.9	38.9

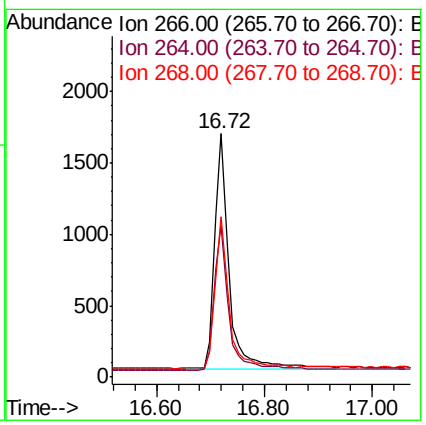


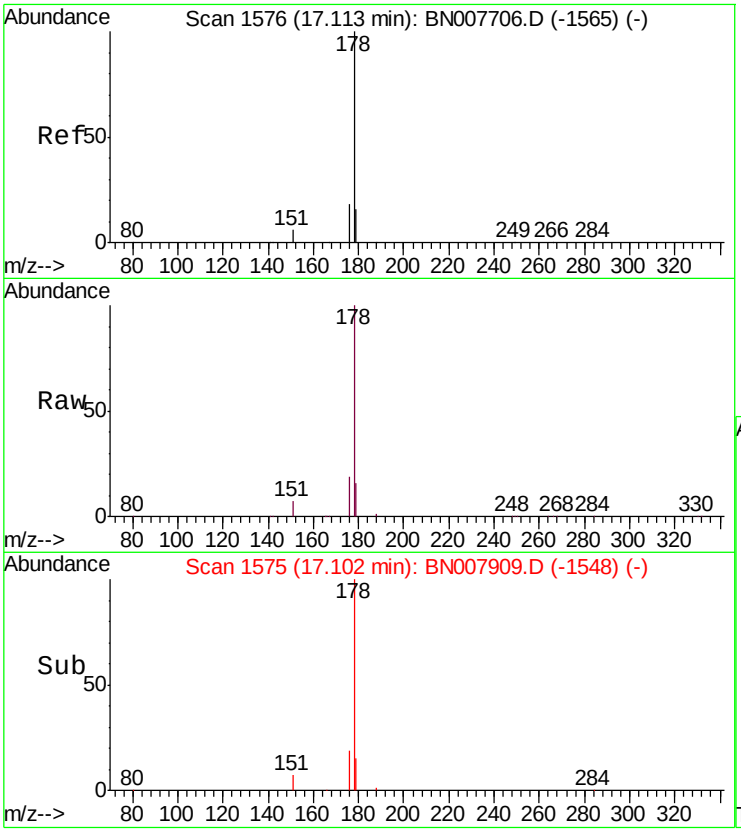


#22
Pentachlorophenol
Concen: 0.408 ng
RT: 16.72 min Scan# 1539
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:266 Resp: 3064

Ion	Ratio	Lower	Upper
266	100		
264	62.2	50.0	75.0
268	65.9	54.2	81.4



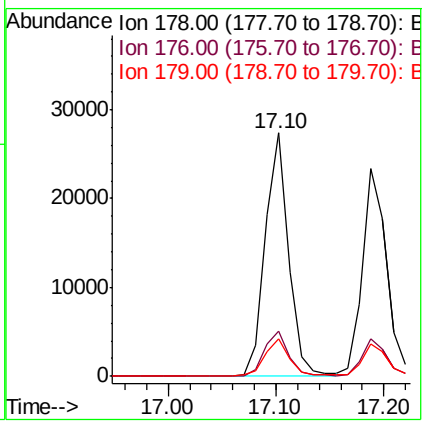


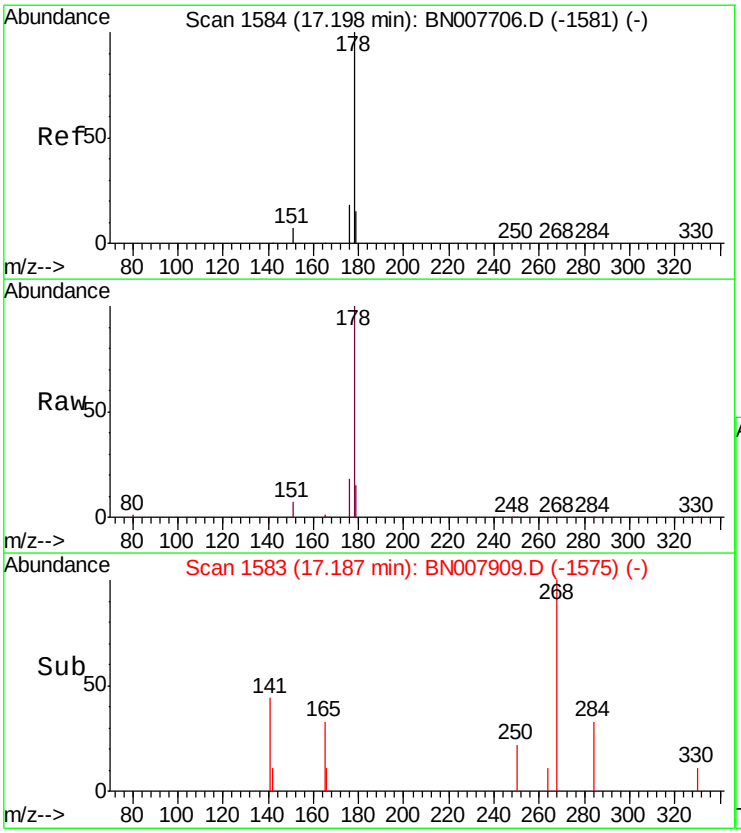
#23
Phenanthrene
Concen: 0.425 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 40648

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.4	12.5	18.7

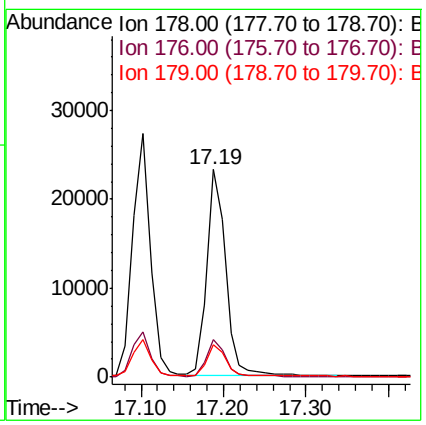


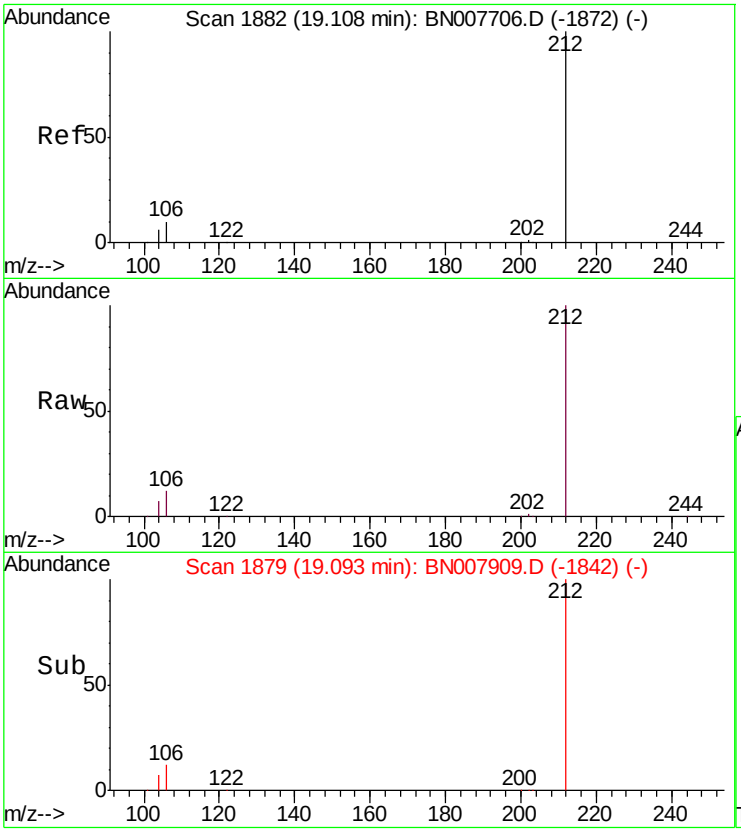


#24
Anthracene
Concen: 0.421 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:178 Resp: 36401

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	21.8
179	15.3	12.2	18.4



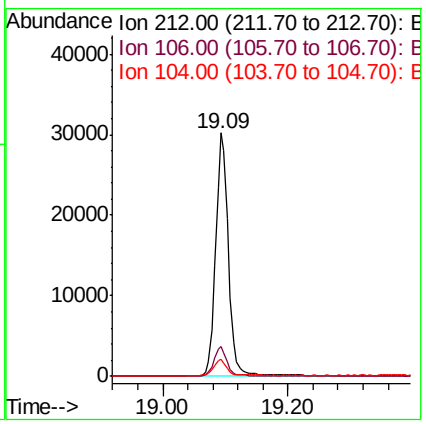


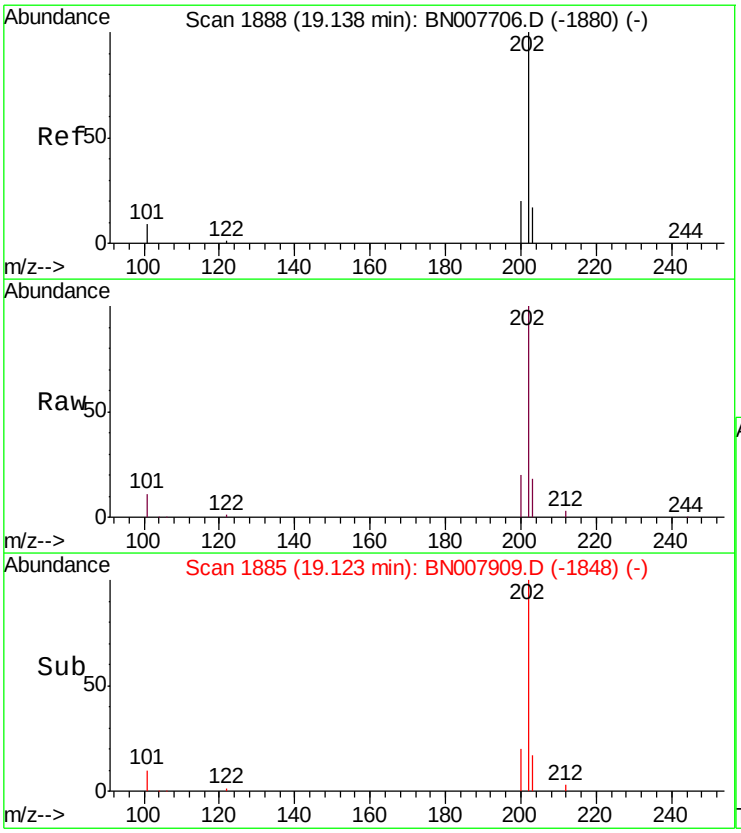
#25
Fluoranthene-d10
Concen: 0.413 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 42711

Ion	Ratio	Lower	Upper
212	100		
106	11.9	9.4	14.0
104	6.7	5.3	7.9

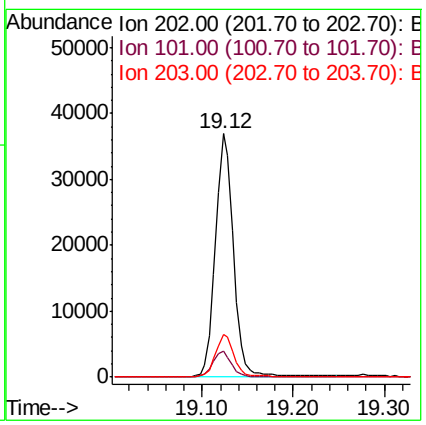


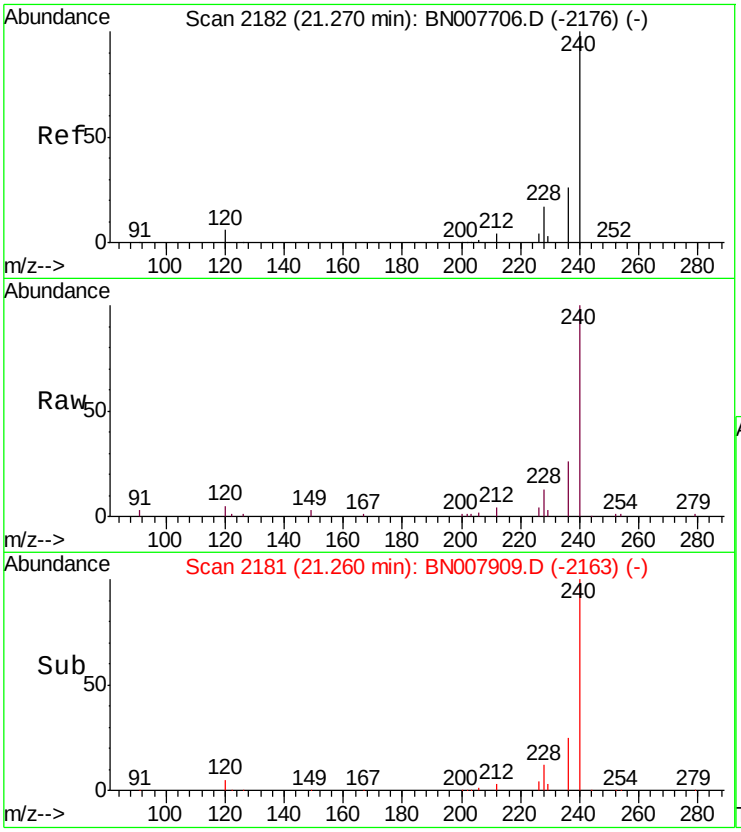


#26
Fluoranthene
Concen: 0.418 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:202 Resp: 49736

Ion	Ratio	Lower	Upper
202	100		
101	10.5	8.4	12.6
203	17.2	13.8	20.8



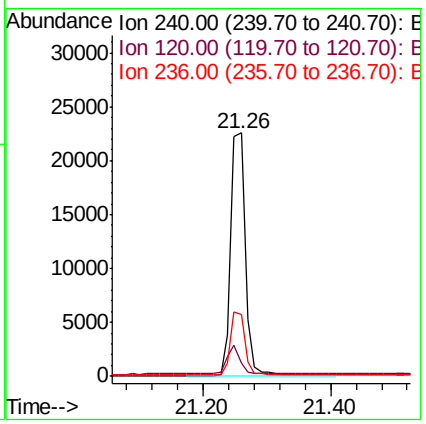


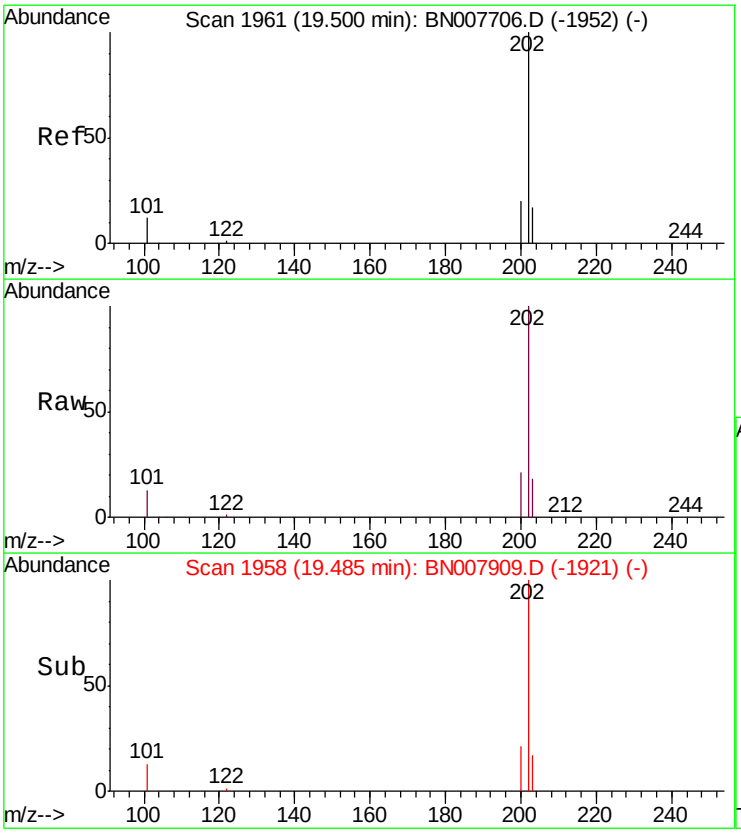
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 35599

Ion	Ratio	Lower	Upper
240	100		
120	5.5	5.4	8.2
236	25.6	21.0	31.4

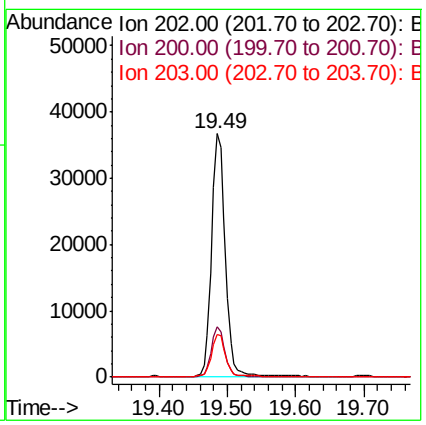


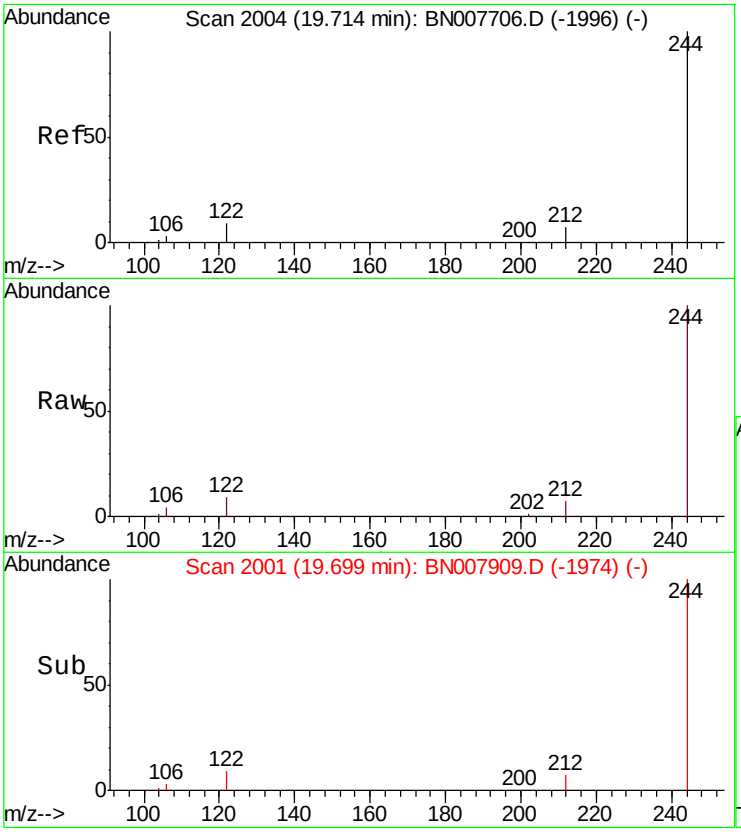


#28
Pyrene
Concen: 0.419 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:202 Resp: 50884

Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.4	24.6
203	17.5	14.1	21.1



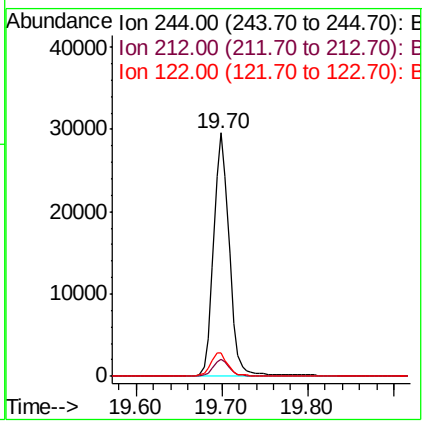


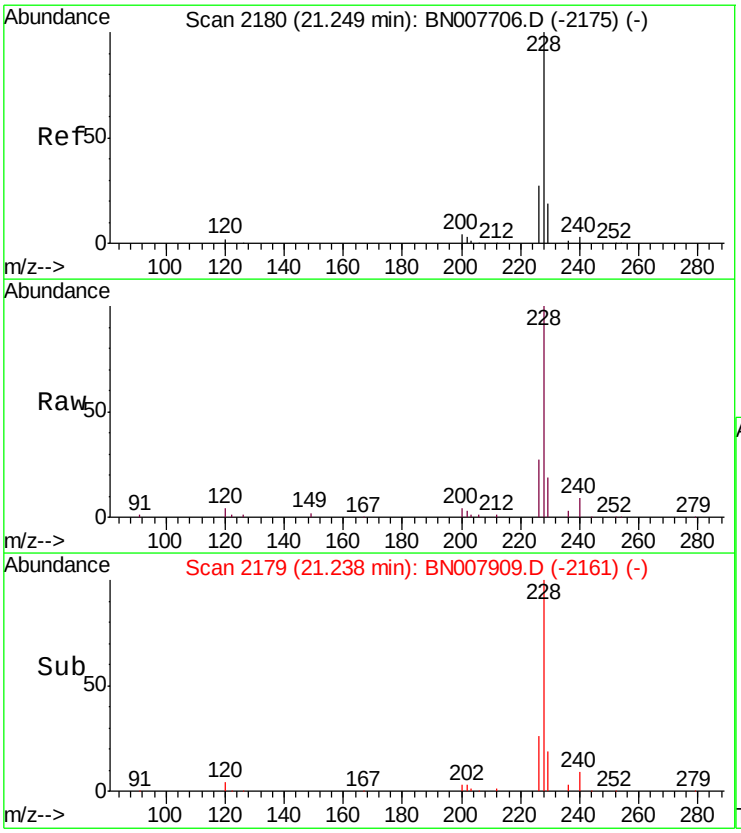
#29
Terphenyl-d14
Concen: 0.428 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 37447

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.5	7.4	11.2

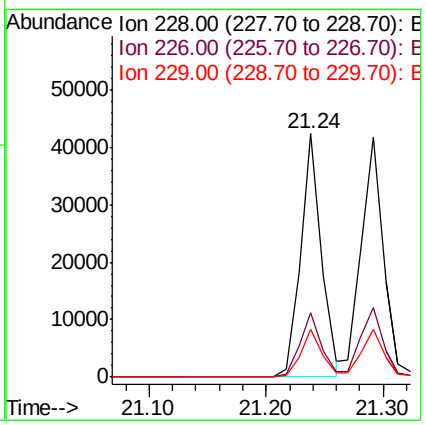


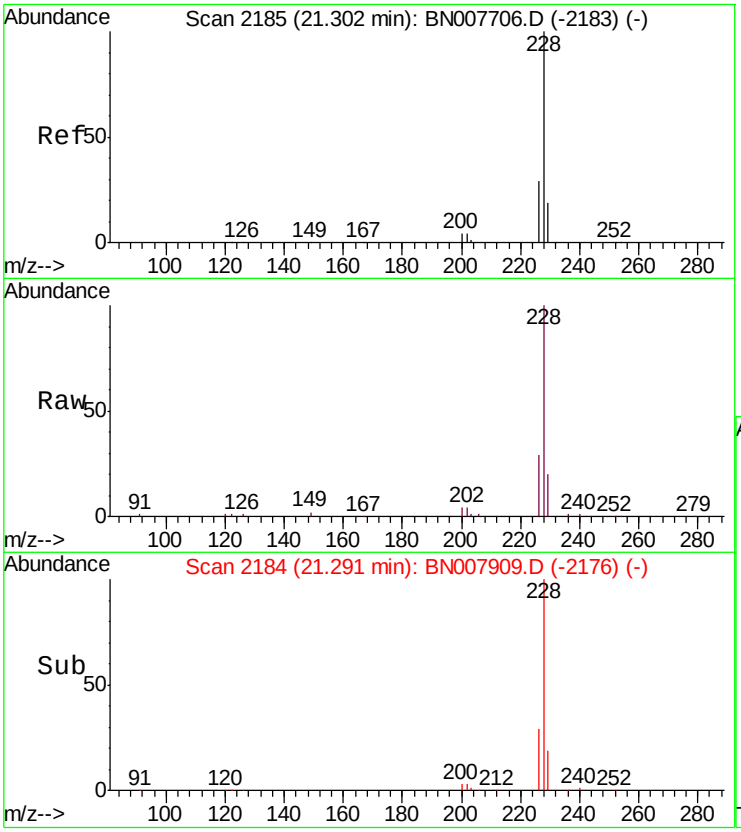


#30
Benzo(a)anthracene
Concen: 0.398 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:228 Resp: 52139

Ion	Ratio	Lower	Upper
228	100		
226	26.7	22.1	33.1
229	19.5	15.8	23.6



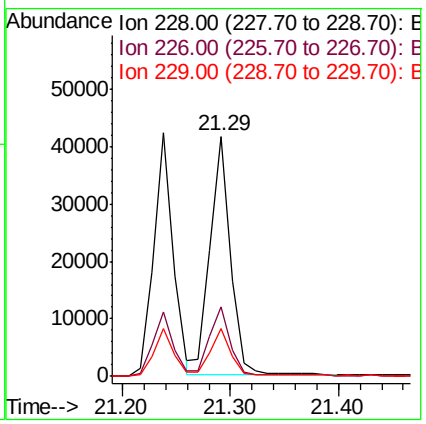


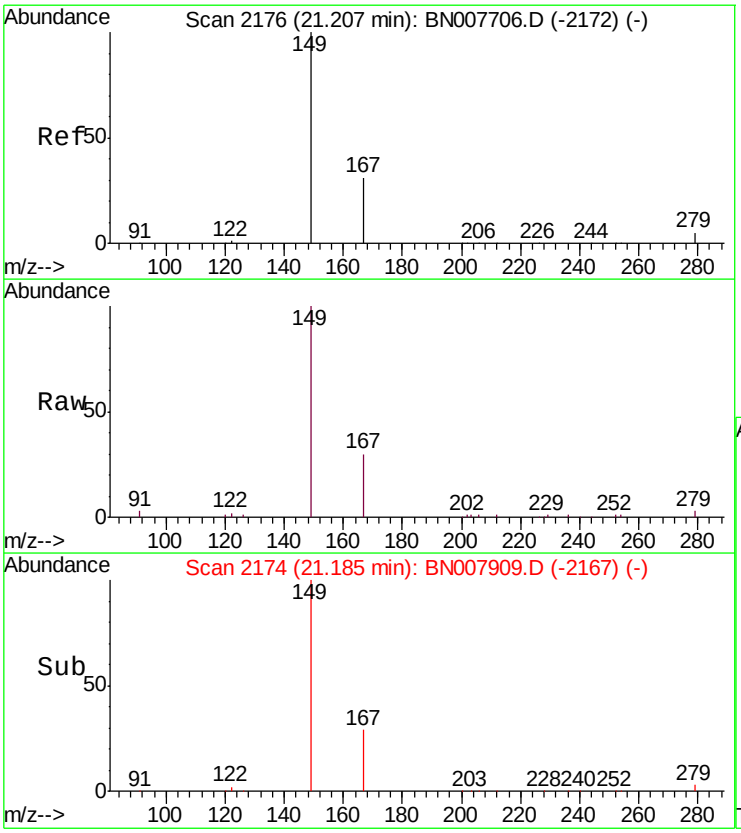
#31
Chrysene
Concen: 0.427 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 54537

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.9	35.9
229	19.7	15.8	23.6

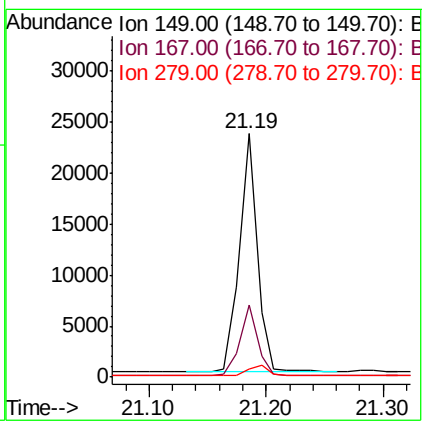


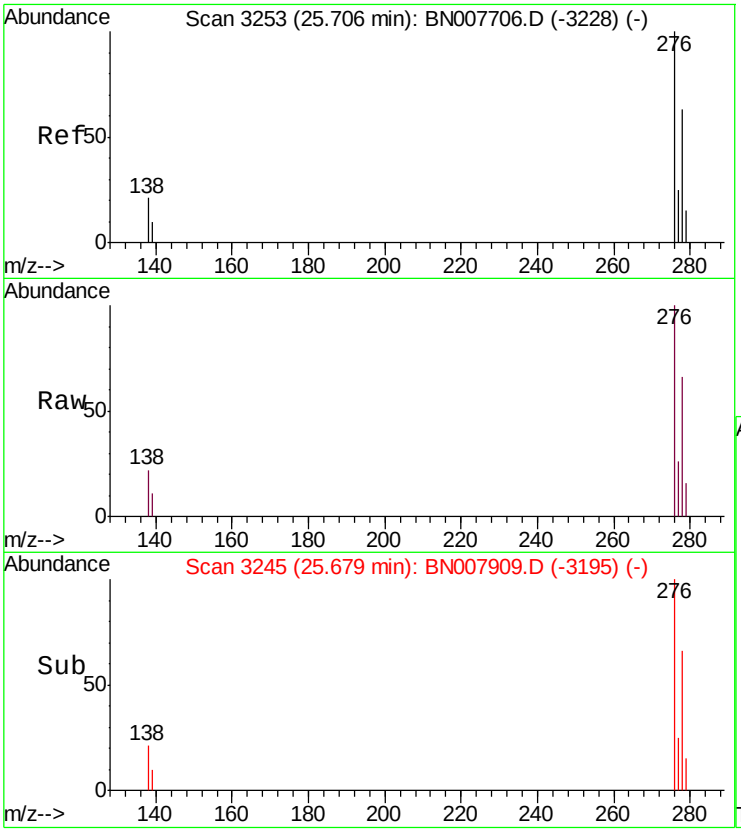


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.368 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:149 Resp: 24778

Ion	Ratio	Lower	Upper
149	100		
167	28.8	23.7	35.5
279	5.2	4.2	6.2



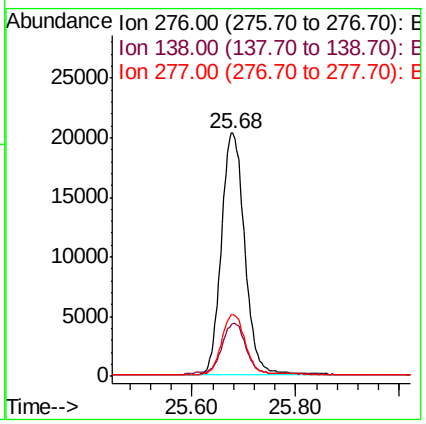


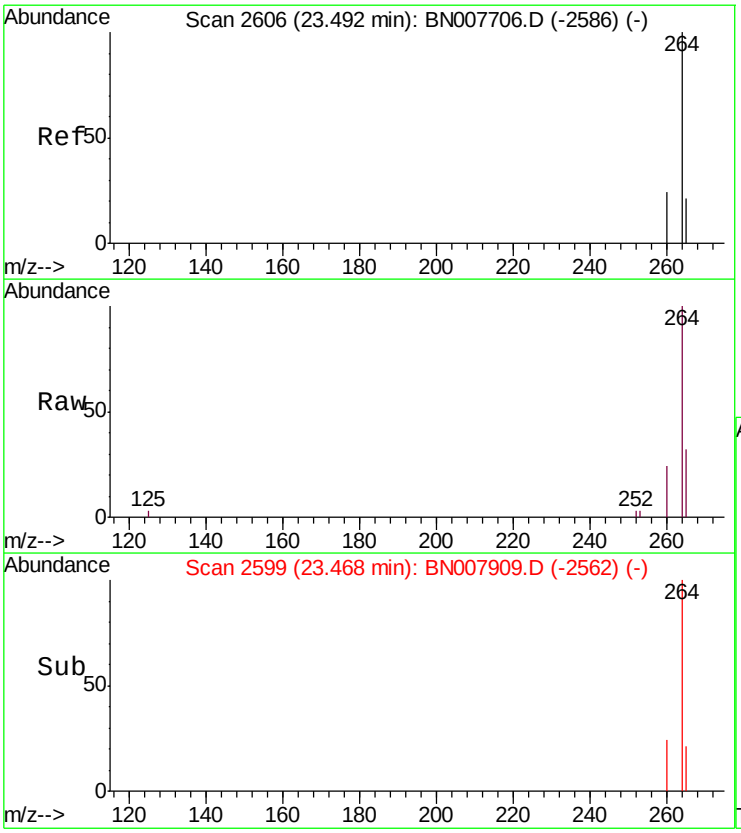
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.396 ng
RT: 25.68 min Scan# 3245
Delta R.T. -0.03 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 63363

Ion	Ratio	Lower	Upper
276	100		
138	22.2	17.1	25.7
277	24.9	20.0	30.0

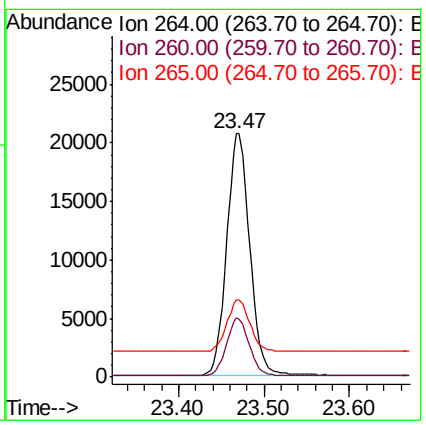


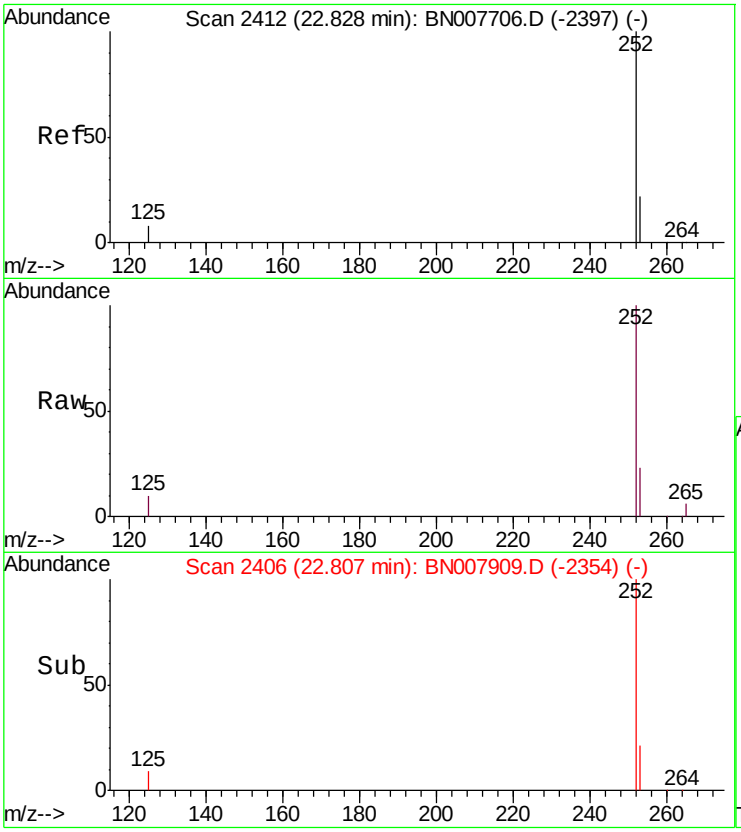


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2599
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:264 Resp: 38748

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.3	28.9
265	31.8	26.9	40.3



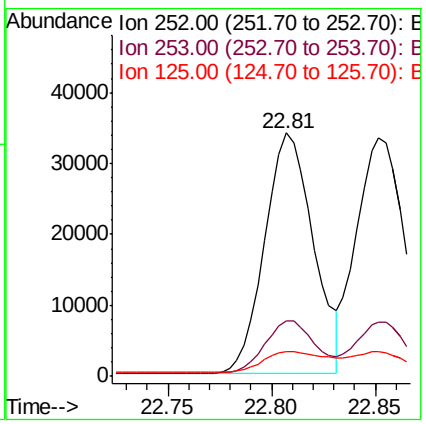


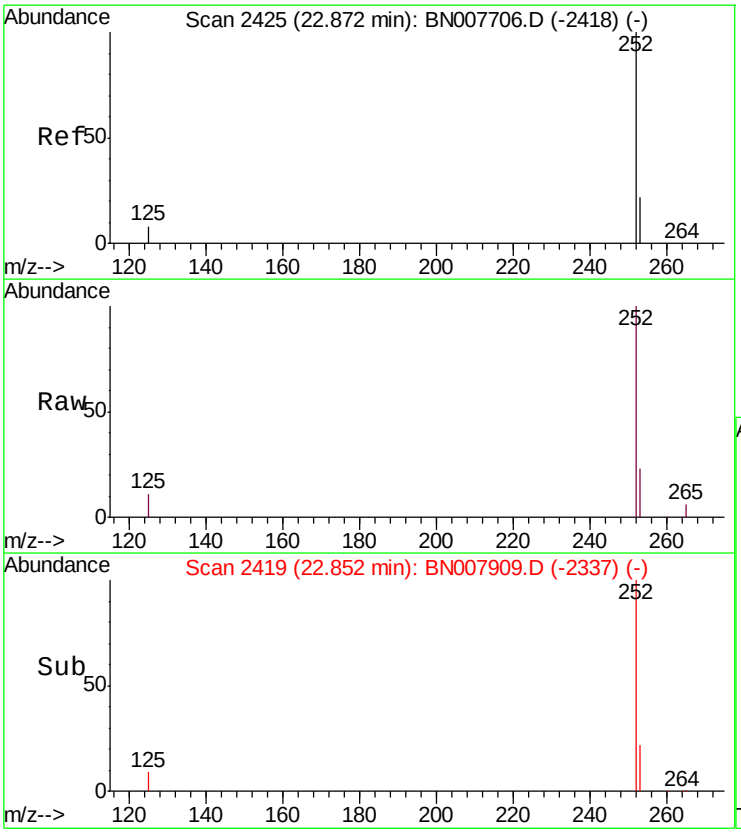
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 22.81 min Scan# 2406
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 55272

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.3	27.5
125	10.4	8.2	12.4

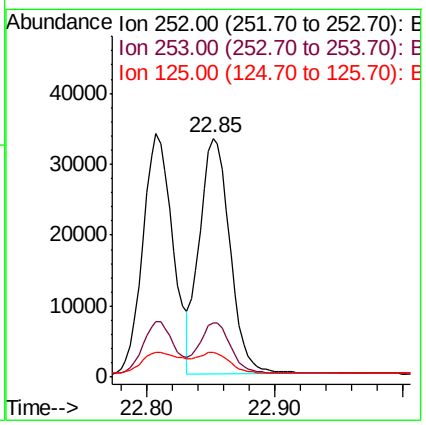


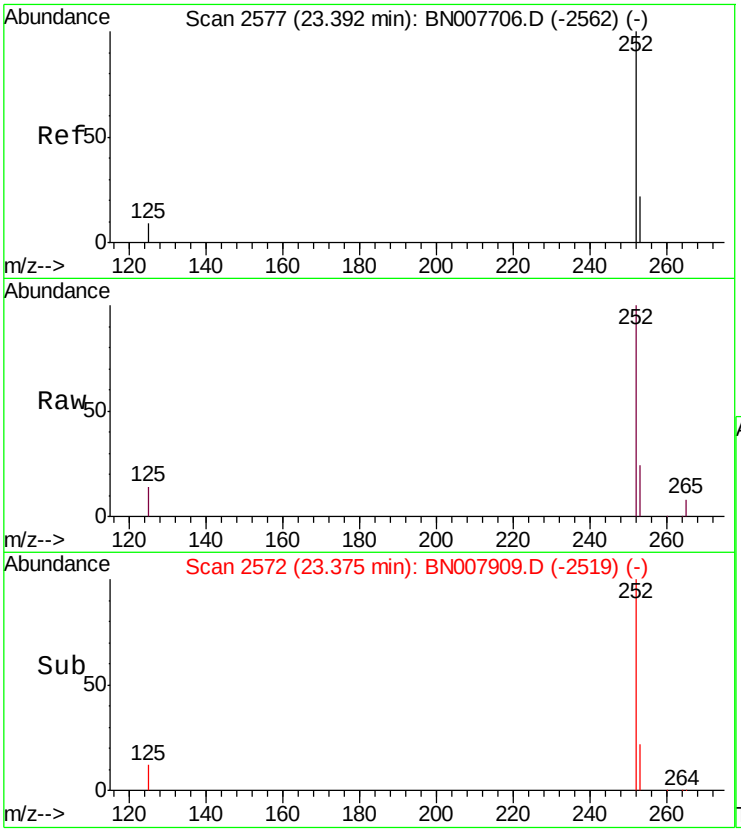


#36
Benzo(k)fluoranthene
Concen: 0.414 ng
RT: 22.85 min Scan# 2419
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:252 Resp: 55097

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.5	27.7
125	10.6	8.4	12.6



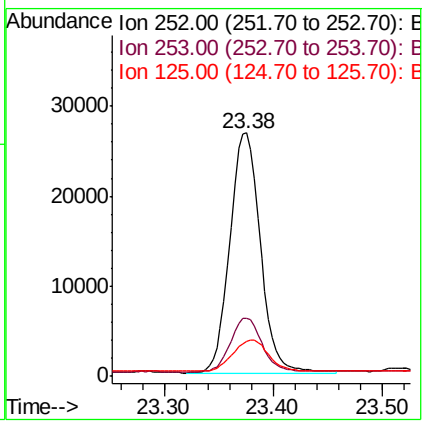


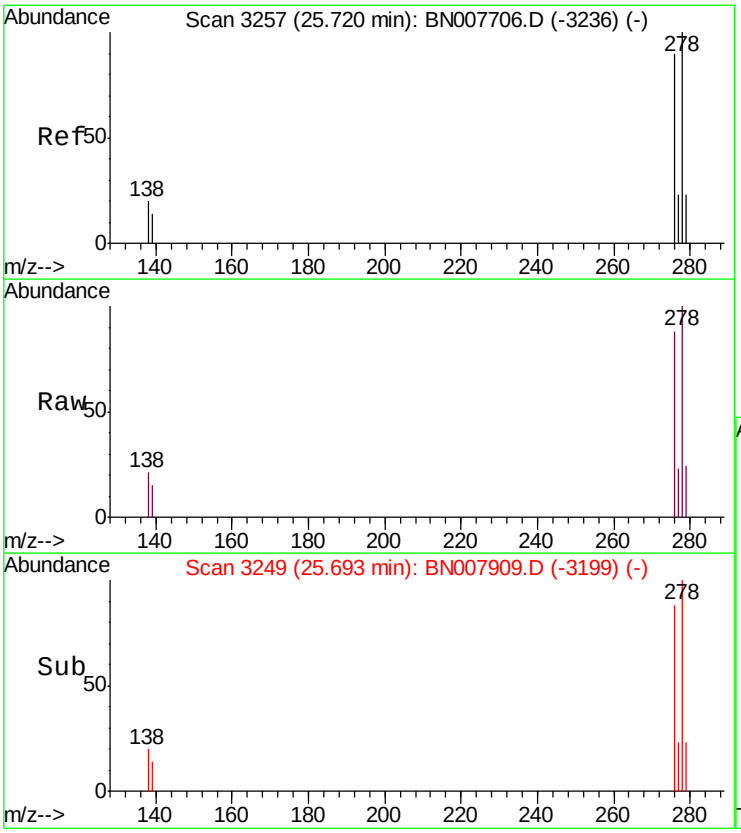
#37
Benzo(a)pyrene
Concen: 0.408 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 51530

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.6	27.8
125	14.4	9.4	14.0#

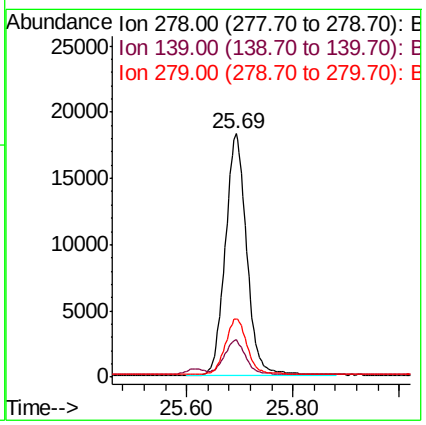


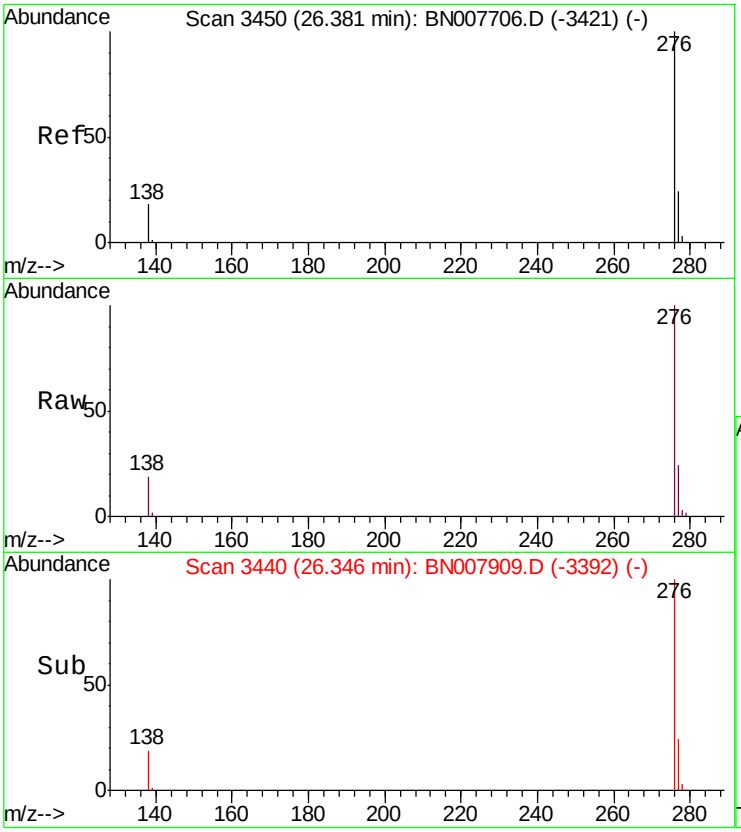


#38
Dibenzo(a,h)anthracene
Concen: 0.396 ng
RT: 25.69 min Scan# 3249
Delta R.T. -0.03 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Tgt Ion:278 Resp: 51287

Ion	Ratio	Lower	Upper
278	100		
139	15.2	11.8	17.6
279	24.0	19.4	29.2





#39
Benzo(g,h,i)perylene
Concen: 0.402 ng
RT: 26.35 min Scan# 3440
Delta R.T. -0.03 min
Lab File: BN007909.D
Acq: 30 Sep 2019 23:48

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 51413

Ion	Ratio	Lower	Upper
276	100		
277	24.3	19.8	29.8
138	19.4	15.1	22.7