Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
Data File : BN003329.D
Acq On : 29 Oct 2018 09:58
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 30 06:44:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	12850	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	53341	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	31322	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	76333	0.40	ng		0.00
27) Chrysene-d12	21.42	240	88849	0.40	ng		0.00
34) Perylene-d12	23.74	264	87949	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.42	112	12017	0.38	ng		0.00
5) Phenol-d6	7.01	99	15170	0.38	ng		0.00
8) Nitrobenzene-d5	9.02	82	11667	0.50	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	31582	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	4598	0.37	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	47870	0.36	ng		-0.01
25) Fluoranthene-d10	19.26	212	78952	0.36	ng		0.00
29) Terphenyl-d14	19.86	244	70445	0.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	5873	0.353	ng		100
3) n-Nitrosodimethylamine	3.68	42	3027	0.395	ng	#	94
6) bis(2-Chloroethyl)ether	7.29	93	13861	0.387	ng		99
9) Naphthalene	10.71	128	48474	0.371	ng		99
10) Hexachlorobutadiene	10.99	225	8967	0.376	ng	#	99
12) 2-Methylnaphthalene	12.32	142	33326	0.365	ng		98
16) Acenaphthylene	14.21	152	48598	0.348	ng		100
17) Acenaphthene	14.56	154	34945	0.361	ng		99
18) Fluorene	15.54	166	42439	0.350	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	15782	0.357	ng	#	90
21) Hexachlorobenzene	16.54	284	16992	0.365	ng		99
22) Pentachlorophenol	16.88	266	5656	0.448	ng		97
23) Phenanthrene	17.28	178	74932	0.358	ng		100
24) Anthracene	17.37	178	61508	0.342	ng		100
26) Fluoranthene	19.29	202	85289	0.355	ng		100
28) Pyrene	19.66	202	86545	0.352	ng		100
30) Benzo(a)anthracene	21.40	228	82399	0.354	ng		97
31) Chrysene	21.45	228	90866	0.362	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	25793	0.374	ng		100
33) Indeno(1,2,3-cd)pyrene	26.09	276	100369	0.386	ng		98
35) Benzo(b)fluoranthene	23.03	252	94968	0.346	ng	#	95
36) Benzo(k)fluoranthene	23.08	252	93349	0.343	ng		100
37) Benzo(a)pyrene	23.63	252	87666	0.351	ng	#	92
38) Dibenzo(a,h)anthracene	26.12	278	82095	0.353	ng		99
39) Benzo(g,h,i)perylene	26.82	276	84251	0.362	ng		99

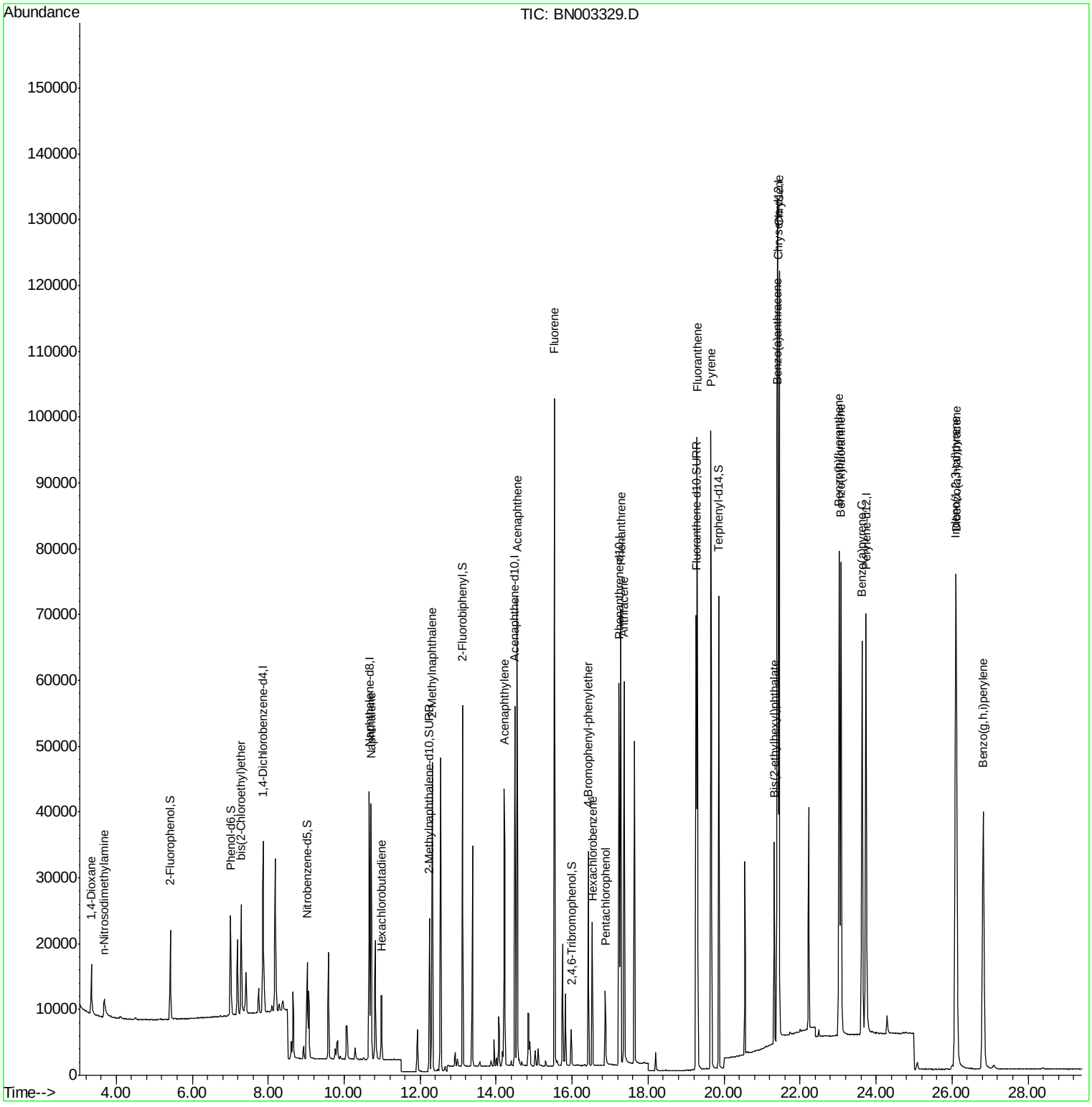
(#) = qualifier out of range (m) = manual integration (+) = signals summed

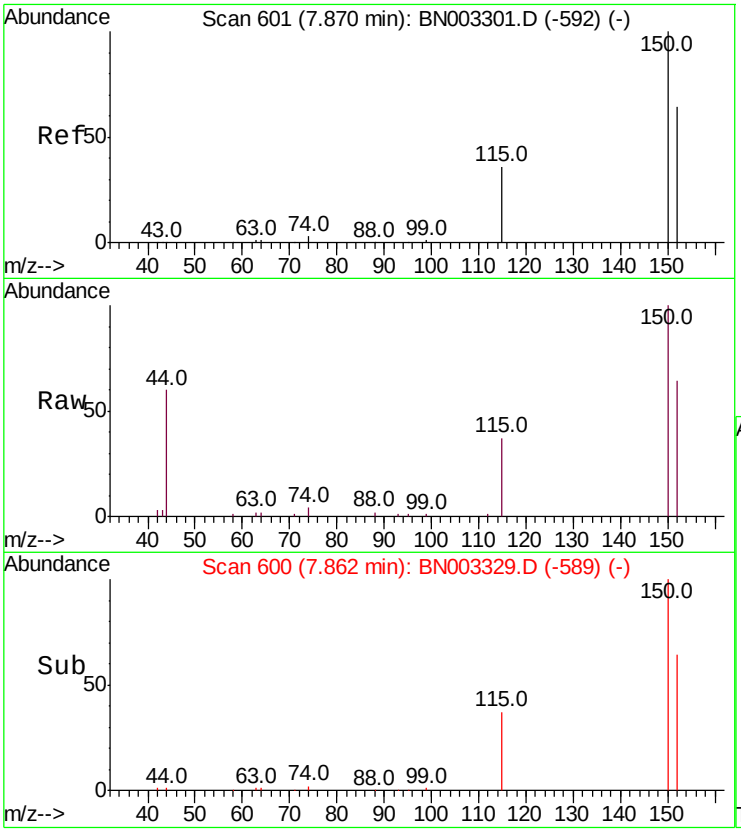
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102918\
Data File : BN003329.D
Acq On : 29 Oct 2018 09:58
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 30 06:44:09 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration



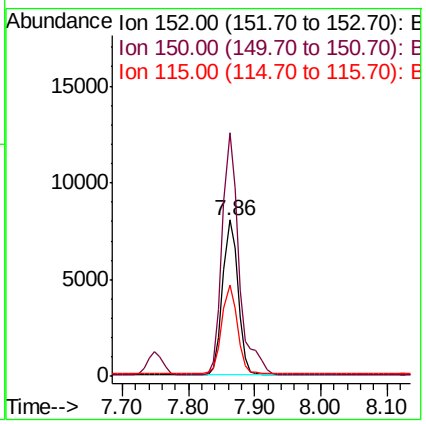


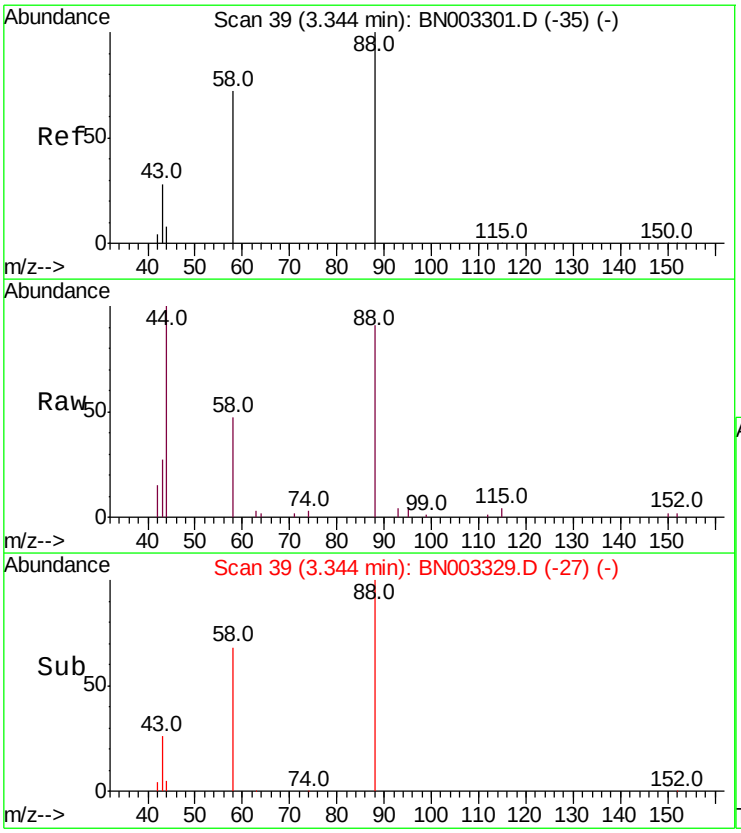
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 12850

Ion	Ratio	Lower	Upper
152	100		
150	155.8	124.6	187.0
115	58.2	46.4	69.6

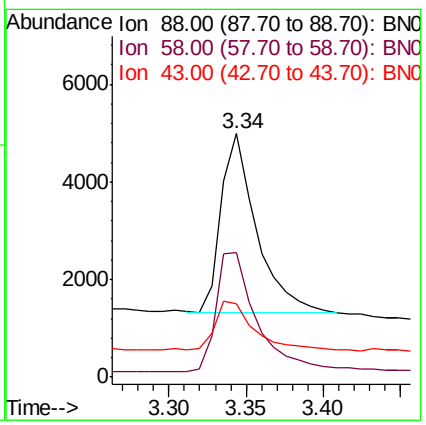


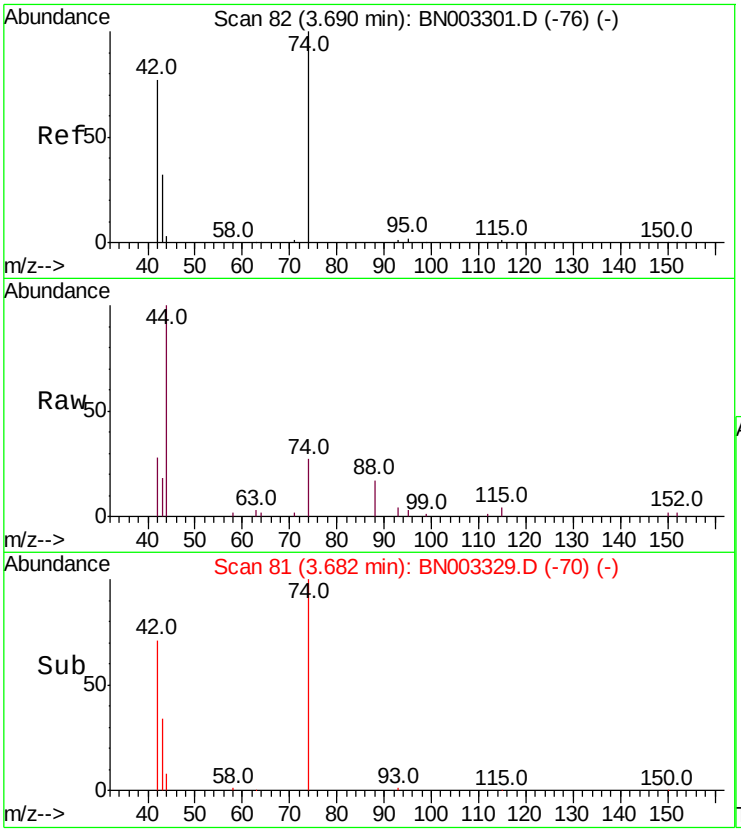


#2
1,4-Dioxane
Concen: 0.353 ng
RT: 3.34 min Scan# 39
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion: 88 Resp: 5873

Ion	Ratio	Lower	Upper
88	100		
58	75.8	60.9	91.3
43	30.0	23.9	35.9



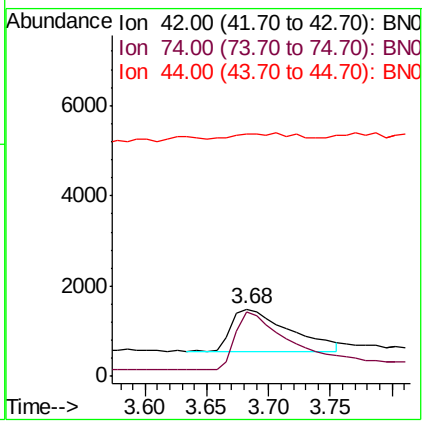


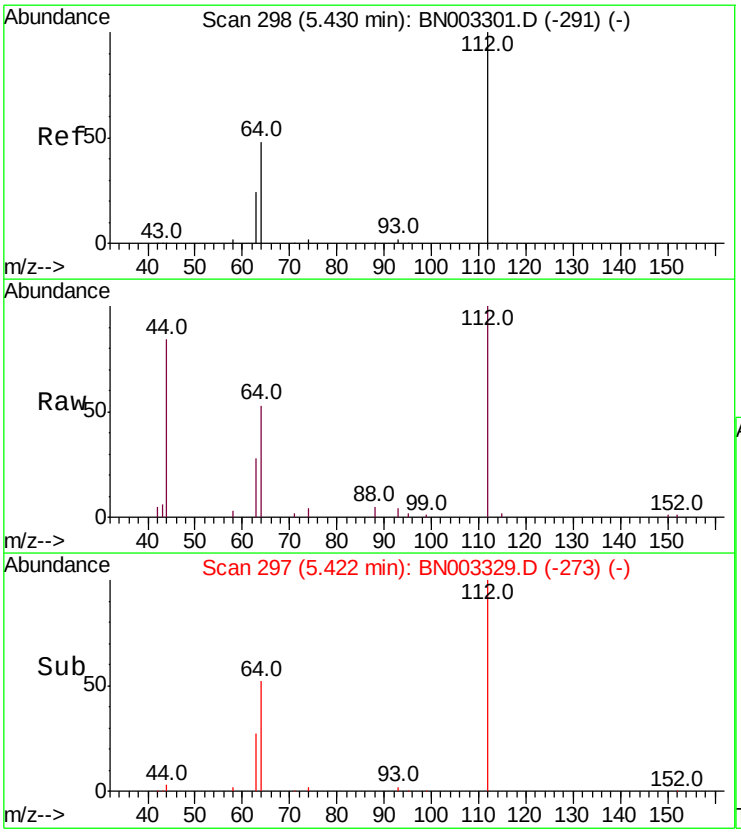
#3
n-Nitrosodimethylamine
Concen: 0.395 ng
RT: 3.68 min Scan# 81
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3027

Ion	Ratio	Lower	Upper
42	100		
74	130.2	99.1	148.7
44	0.0	4.2	6.4#

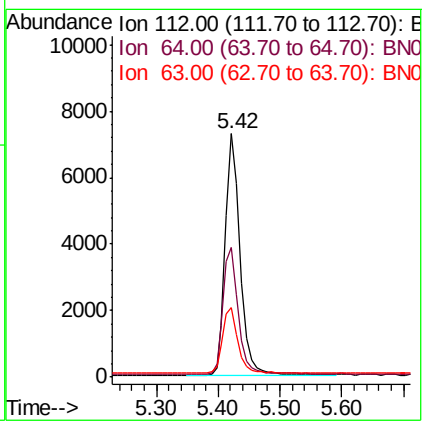


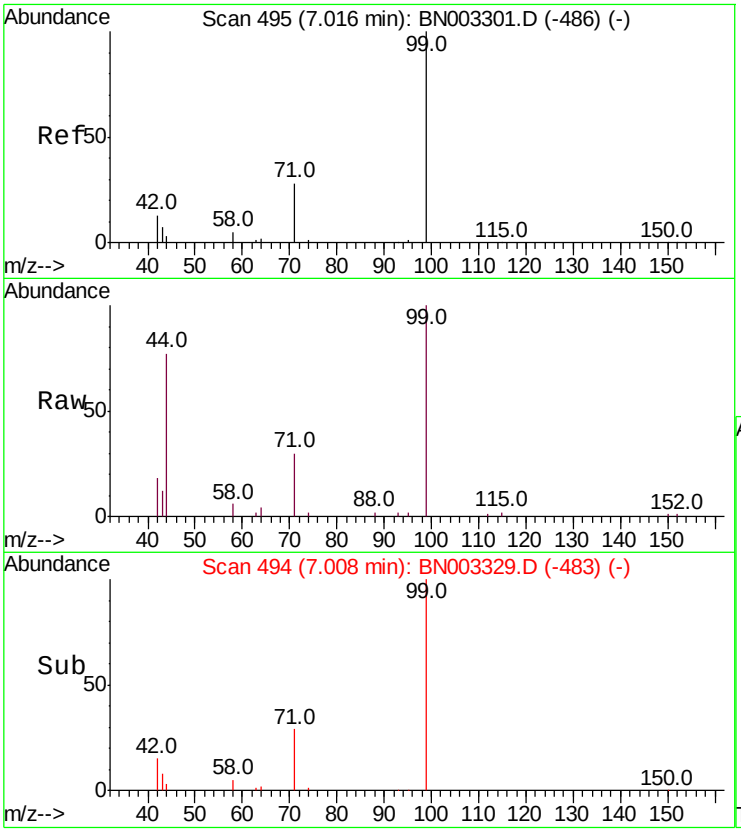


#4
2-Fluorophenol
Concen: 0.378 ng
RT: 5.42 min Scan# 297
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:112 Resp: 12017

Ion	Ratio	Lower	Upper
112	100		
64	53.9	44.3	66.5
63	27.4	22.4	33.6



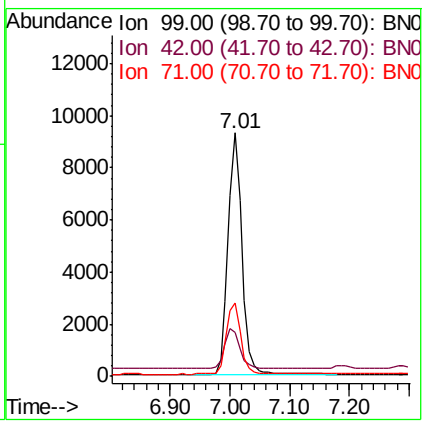


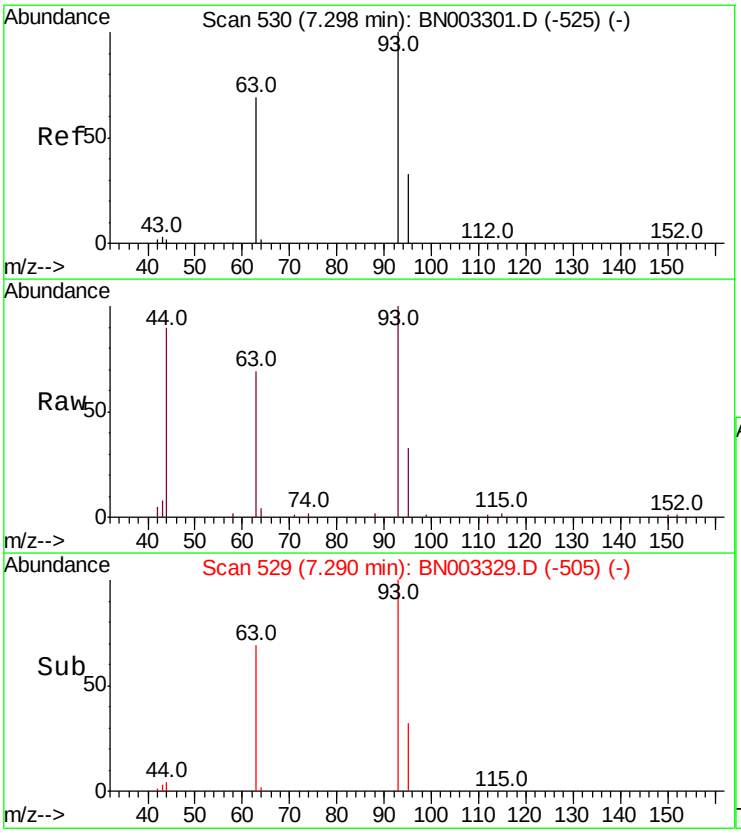
#5
Phenol-d6
Concen: 0.378 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 15170

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	30.4	24.8	37.2

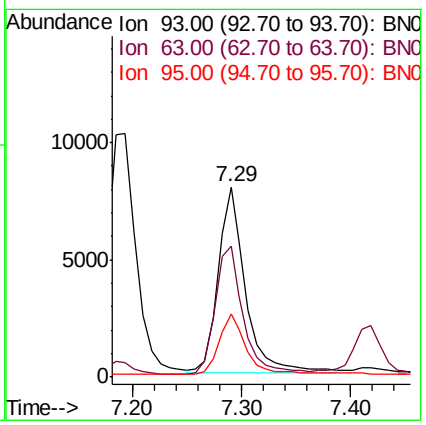


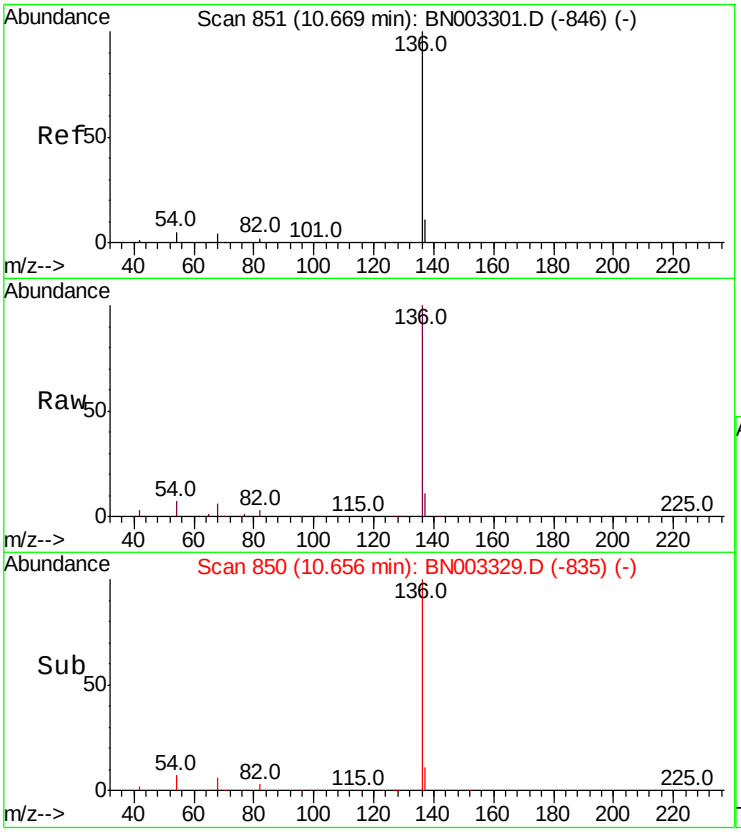


#6
bis(2-Chloroethyl)ether
Concen: 0.387 ng
RT: 7.29 min Scan# 529
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion: 93 Resp: 13861

Ion	Ratio	Lower	Upper
93	100		
63	70.5	55.8	83.6
95	32.2	25.4	38.2



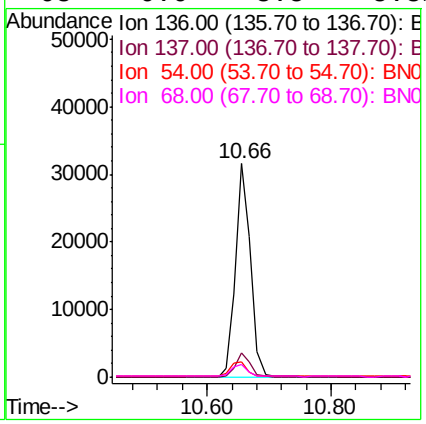


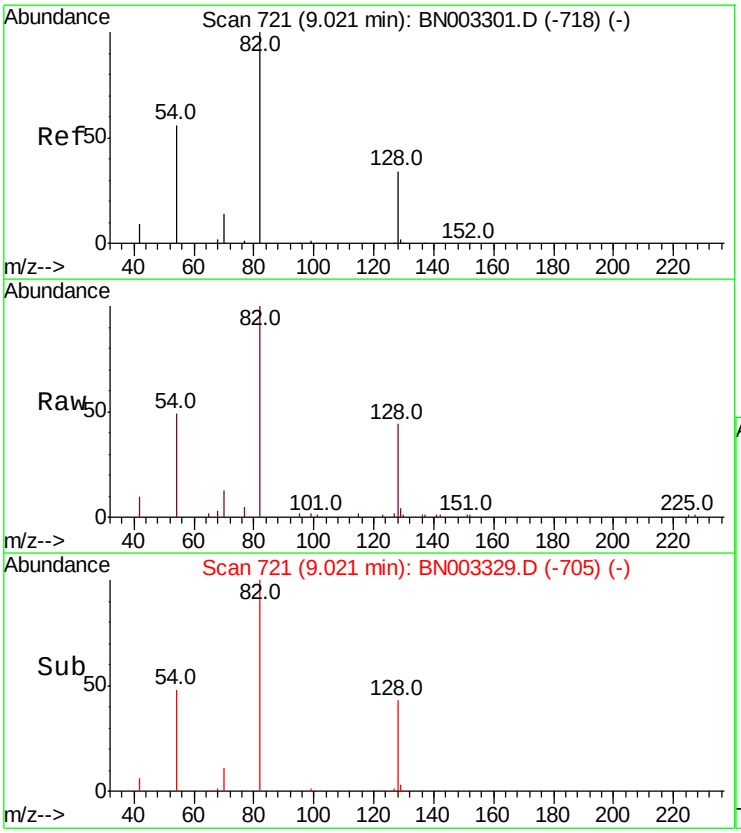
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 53341

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	7.3	4.1	6.1#
68	6.0	3.5	5.3#

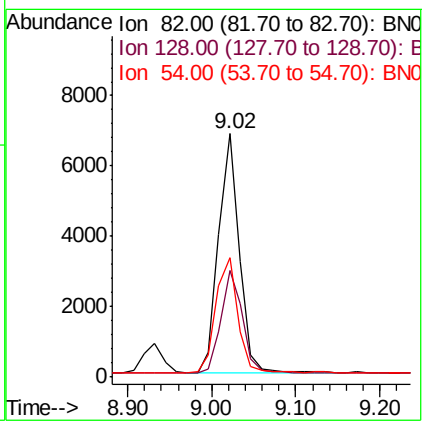


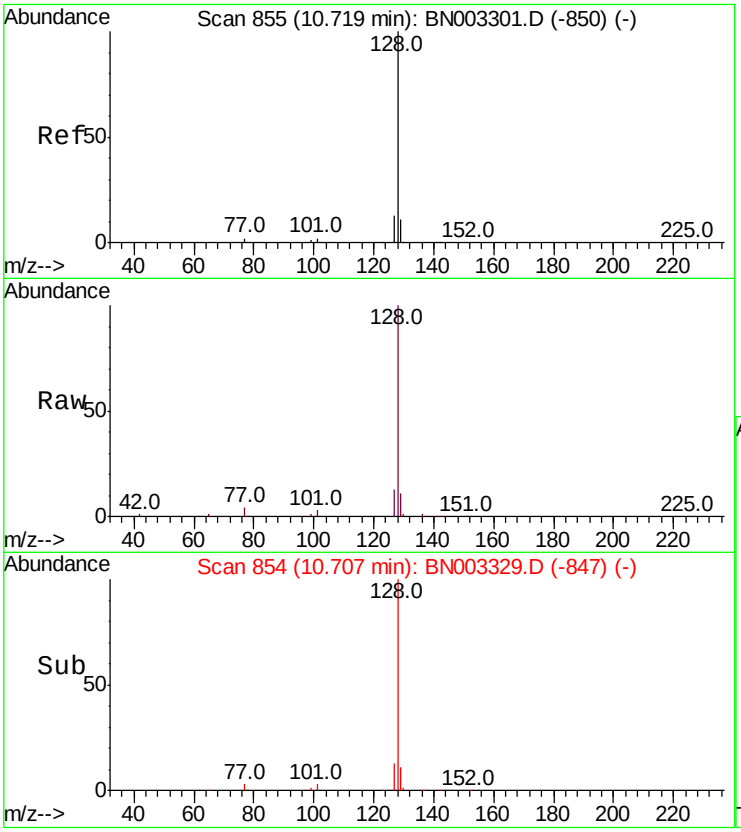


#8
Nitrobenzene-d5
Concen: 0.499 ng
RT: 9.02 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion: 82 Resp: 11667

Ion	Ratio	Lower	Upper
82	100		
128	43.7	28.9	43.3#
54	49.3	46.1	69.1



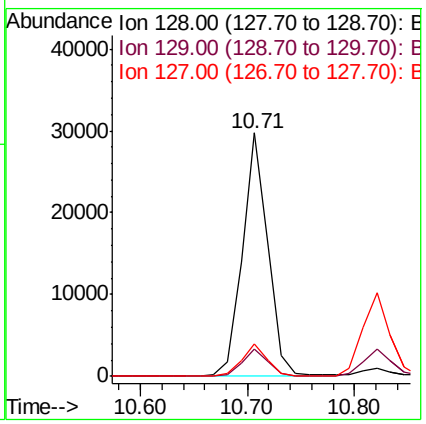


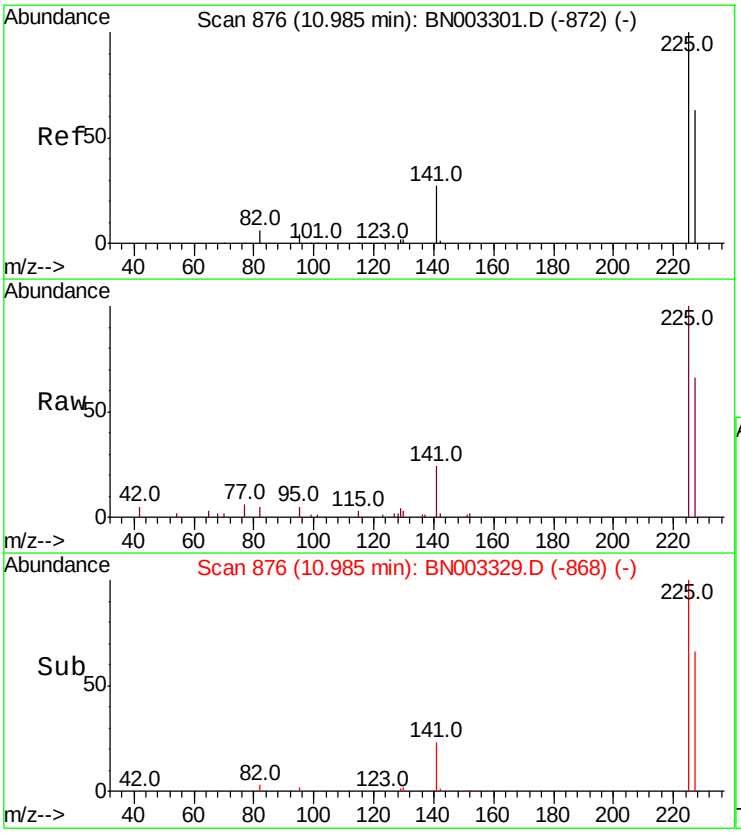
#9
Naphthalene
Concen: 0.371 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 48474

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	13.1	10.2	15.4

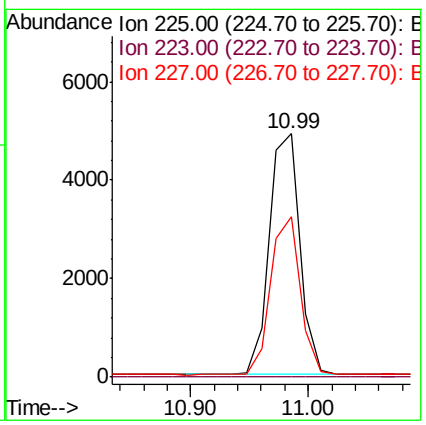


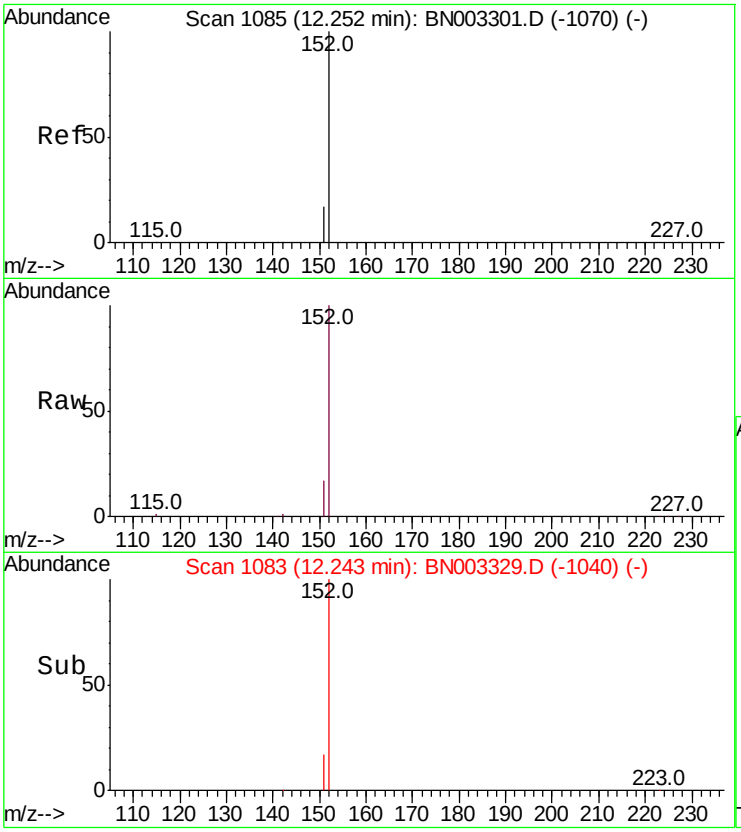


#10
Hexachlorobutadiene
Concen: 0.376 ng
RT: 10.99 min Scan# 876
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:225 Resp: 8967

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.6	51.3	76.9



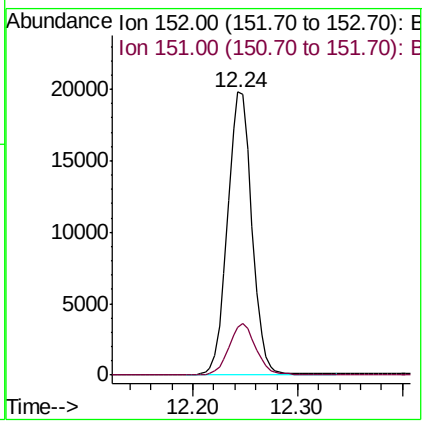


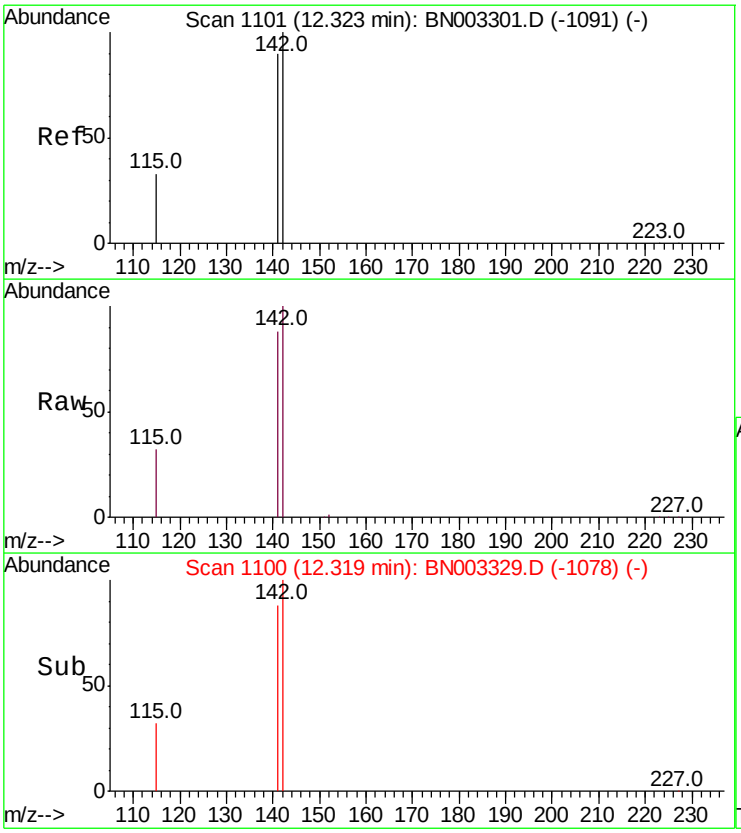
#11
2-Methylnaphthalene-d10
Concen: 0.364 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 31582

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.1	22.7

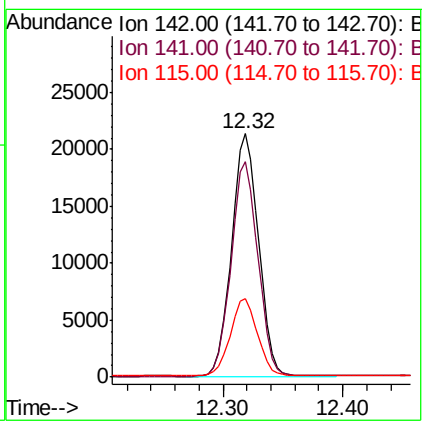


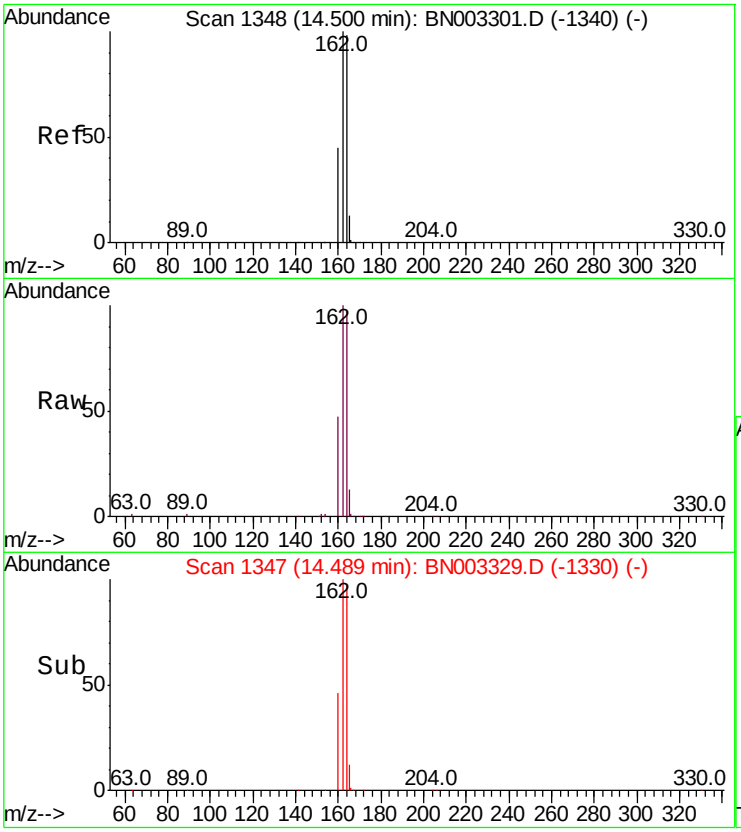


#12
2-Methylnaphthalene
Concen: 0.365 ng
RT: 12.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:142 Resp: 33326

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.9	107.9
115	32.3	27.0	40.6



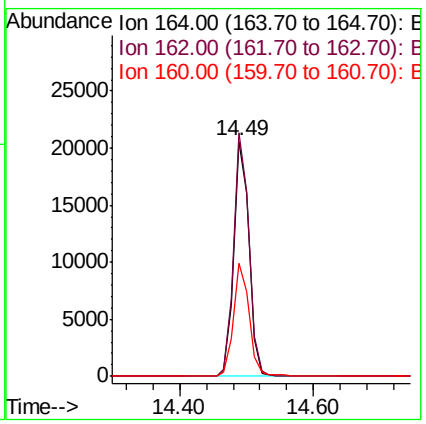


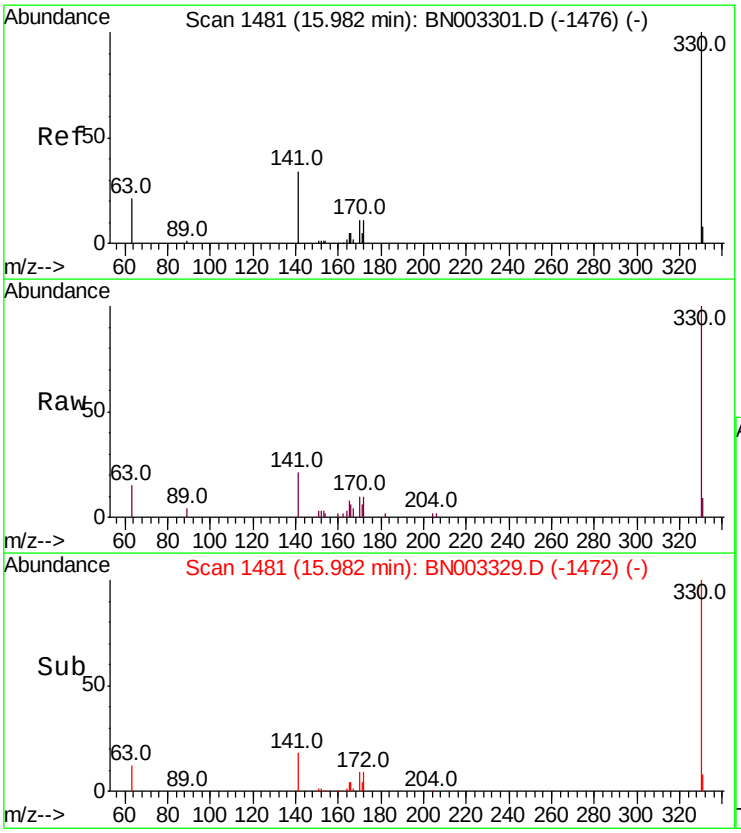
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 31322

Ion	Ratio	Lower	Upper
164	100		
162	103.5	81.8	122.6
160	48.2	37.2	55.8

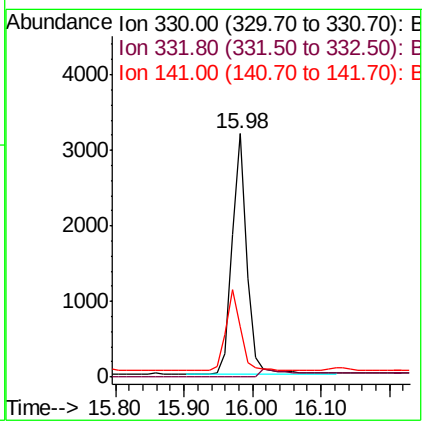


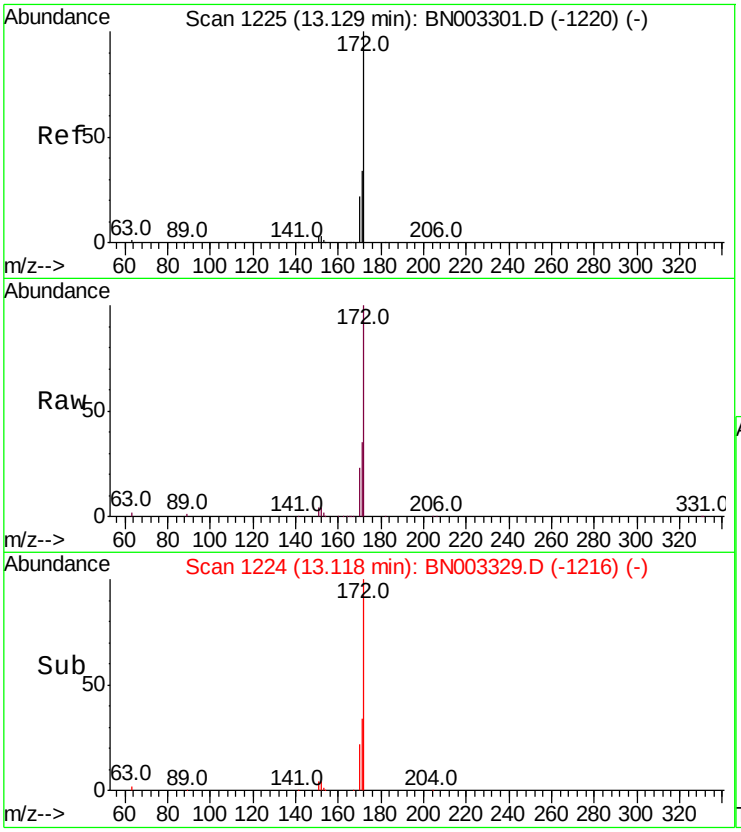


#14
2,4,6-Tribromophenol
Concen: 0.369 ng
RT: 15.98 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:330 Resp: 4598

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.9	28.3	42.5



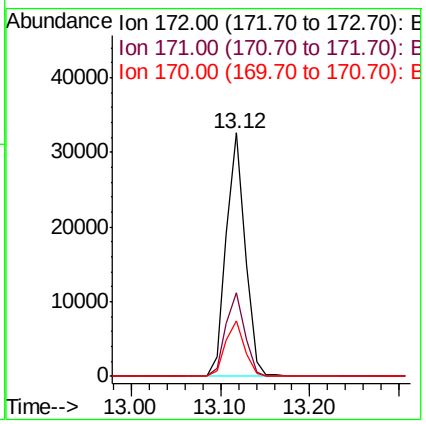


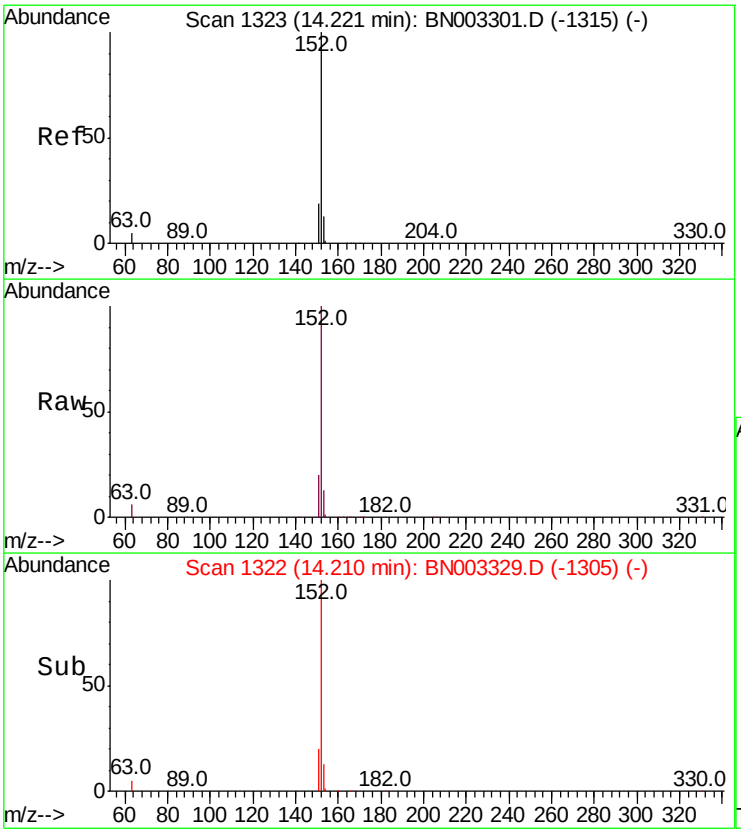
#15
2-Fluorobiphenyl
Concen: 0.355 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 47870

Ion	Ratio	Lower	Upper
172	100		
171	34.6	27.1	40.7
170	22.6	17.4	26.0

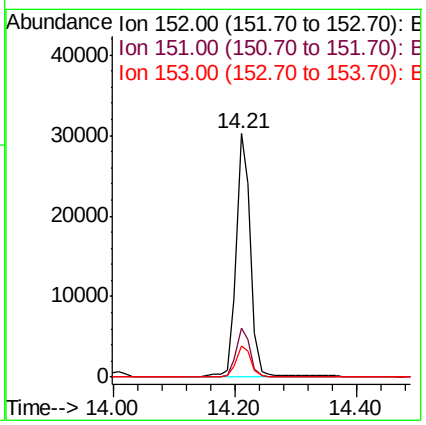


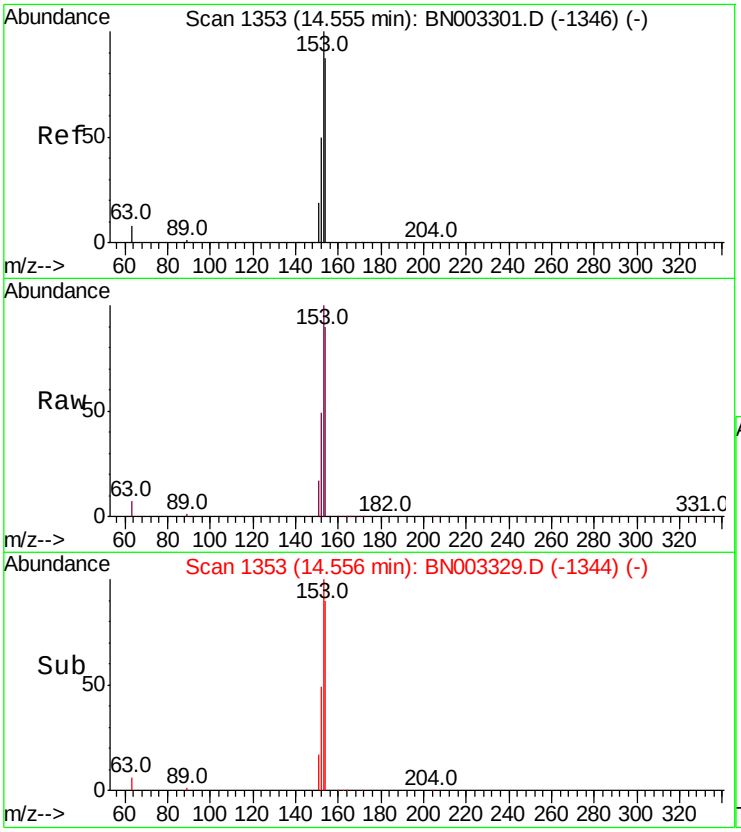


#16
Acenaphthylene
Concen: 0.348 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:152 Resp: 48598

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.0	10.6	15.8



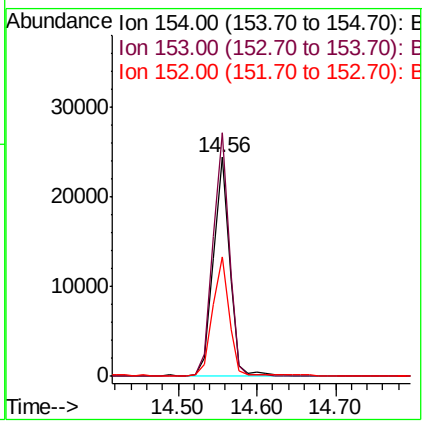


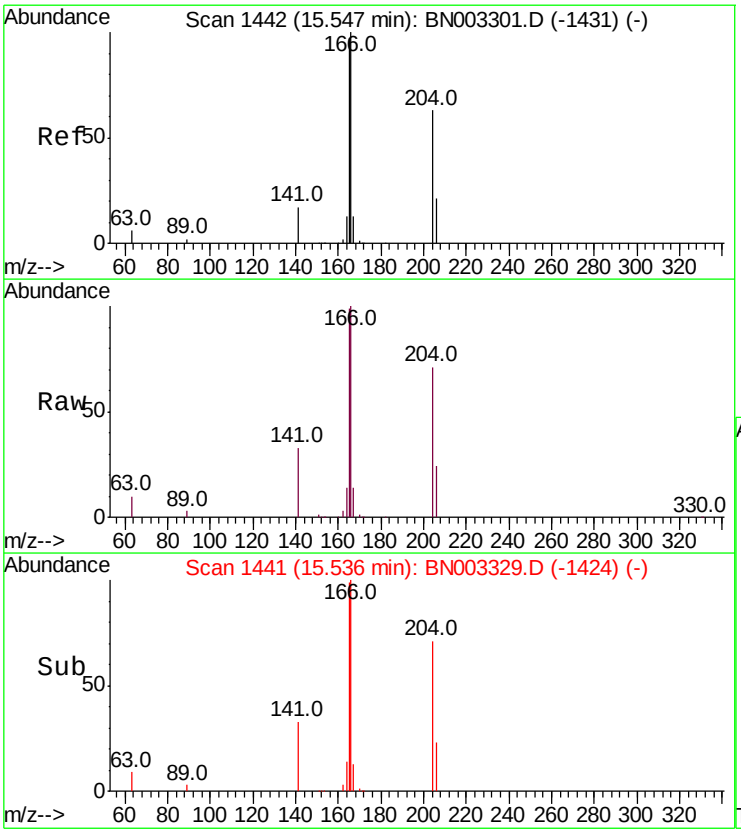
#17
Acenaphthene
Concen: 0.361 ng
RT: 14.56 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 34945

Ion	Ratio	Lower	Upper
154	100		
153	110.4	88.9	133.3
152	54.7	43.5	65.3

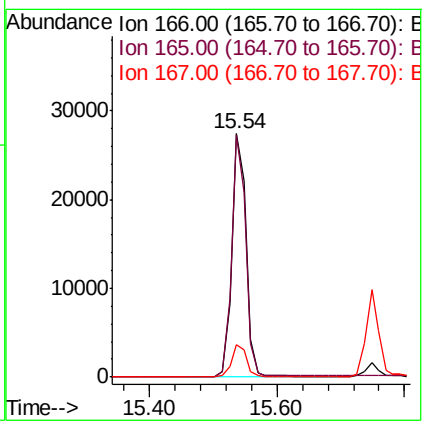


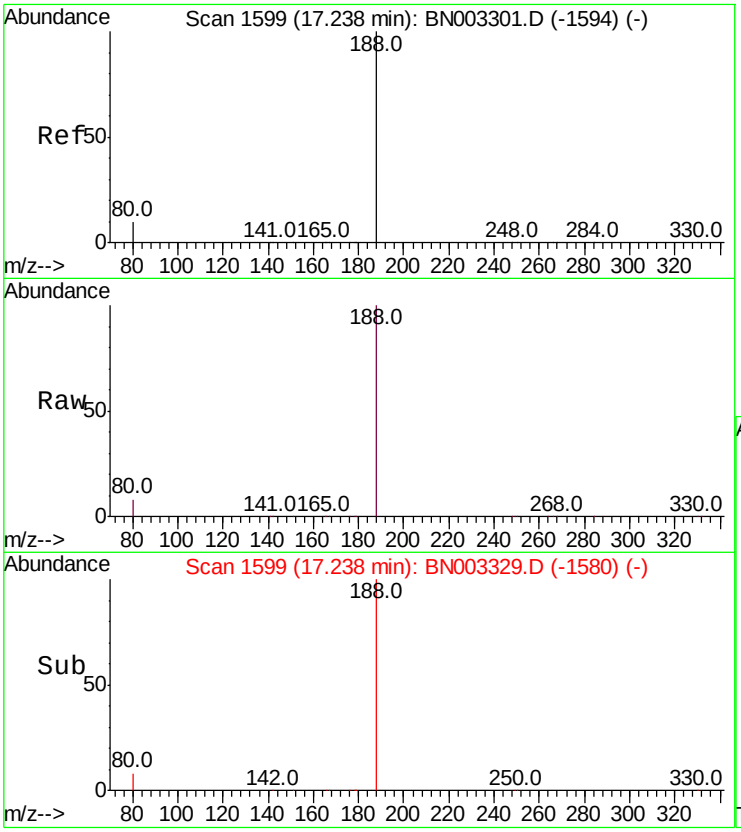


#18
Fluorene
Concen: 0.350 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:166 Resp: 42439

Ion	Ratio	Lower	Upper
166	100		
165	97.7	77.8	116.8
167	13.5	10.9	16.3



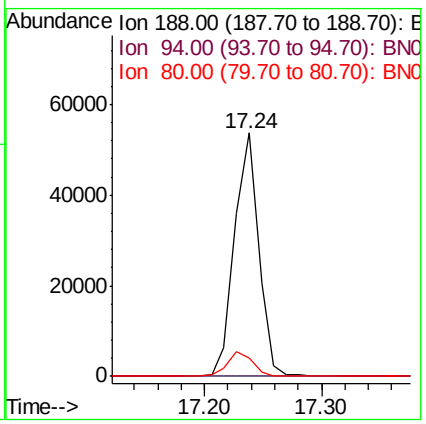


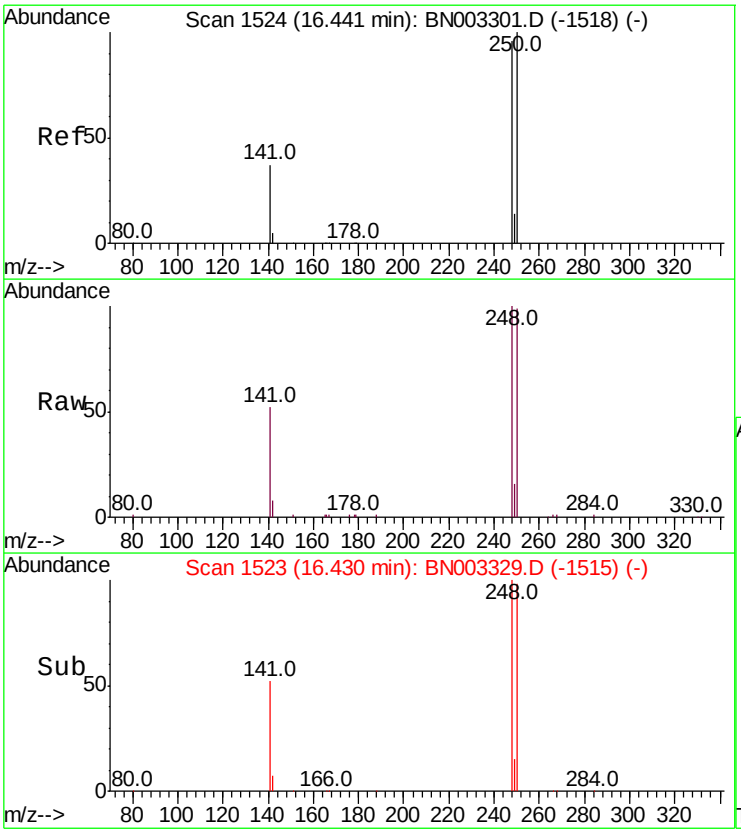
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 76333

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.7	8.6	12.8#

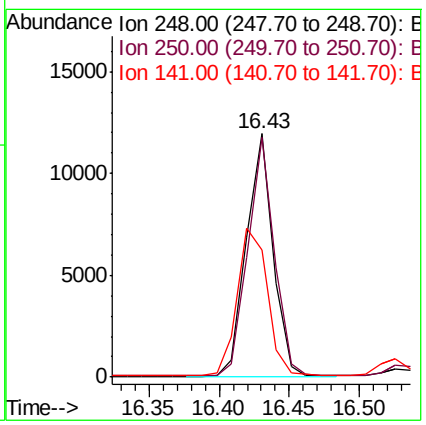


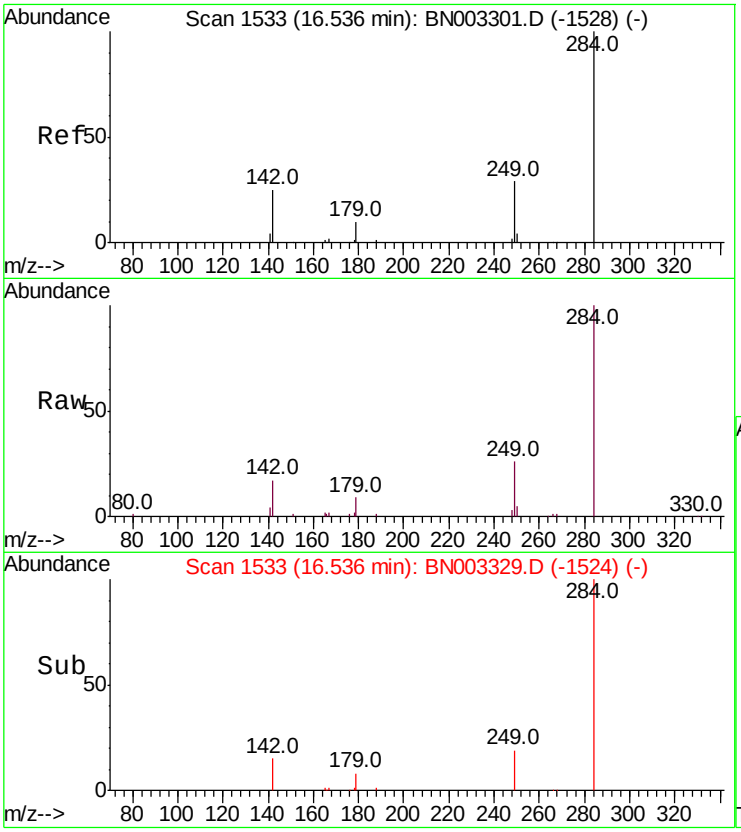


#20
4-Bromophenyl-phenylether
Concen: 0.357 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:248 Resp: 15782

Ion	Ratio	Lower	Upper
248	100		
250	98.5	83.7	125.5
141	52.3	31.4	47.0#



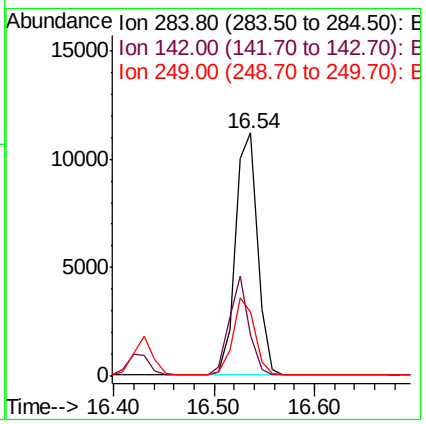


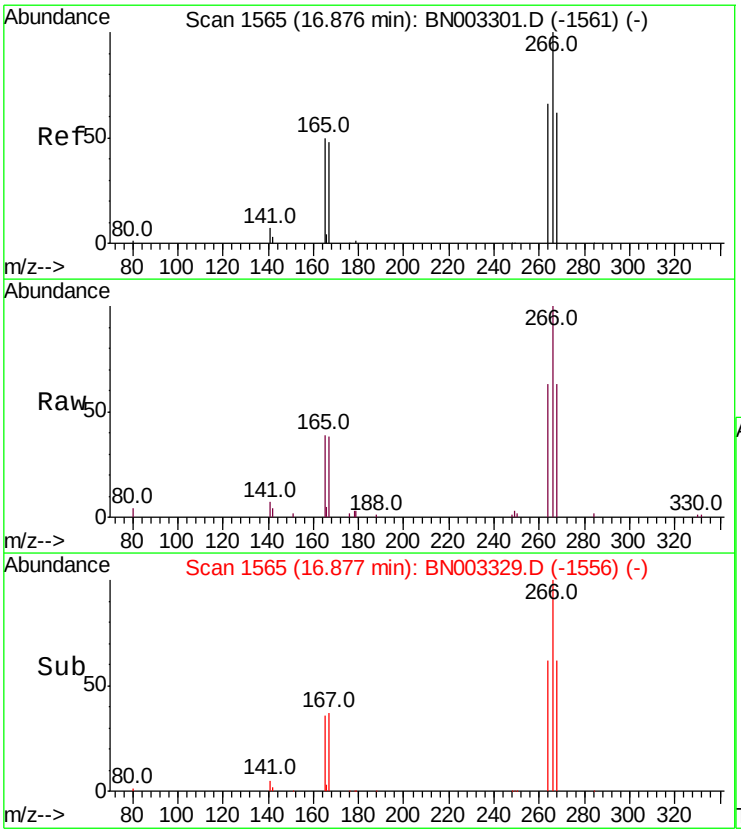
#21
Hexachlorobenzene
Concen: 0.365 ng
RT: 16.54 min Scan# 1533
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 16992

Ion	Ratio	Lower	Upper
284	100		
142	36.4	29.7	44.5
249	30.7	24.0	36.0

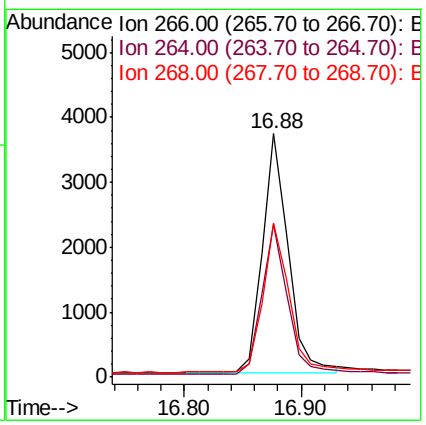


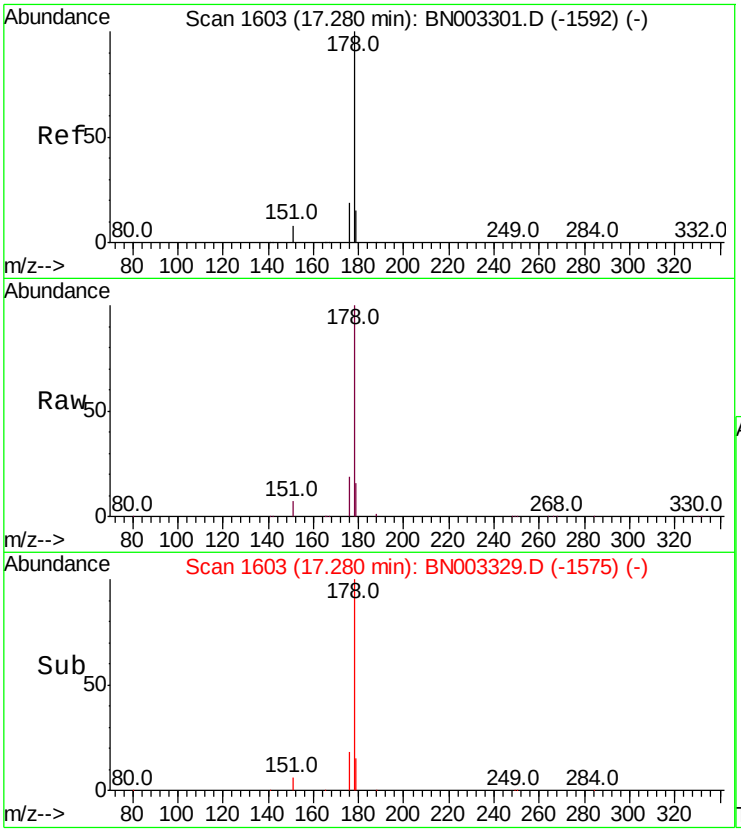


#22
Pentachlorophenol
Concen: 0.448 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:266 Resp: 5656

Ion	Ratio	Lower	Upper
266	100		
264	62.5	52.1	78.1
268	63.3	51.8	77.6



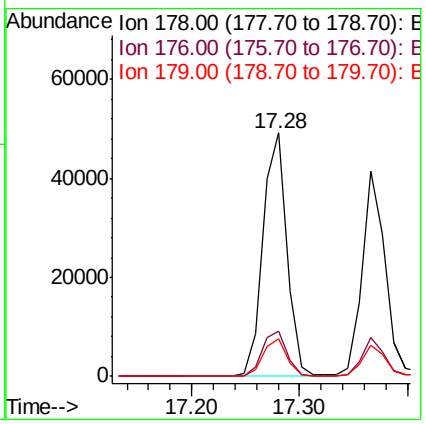


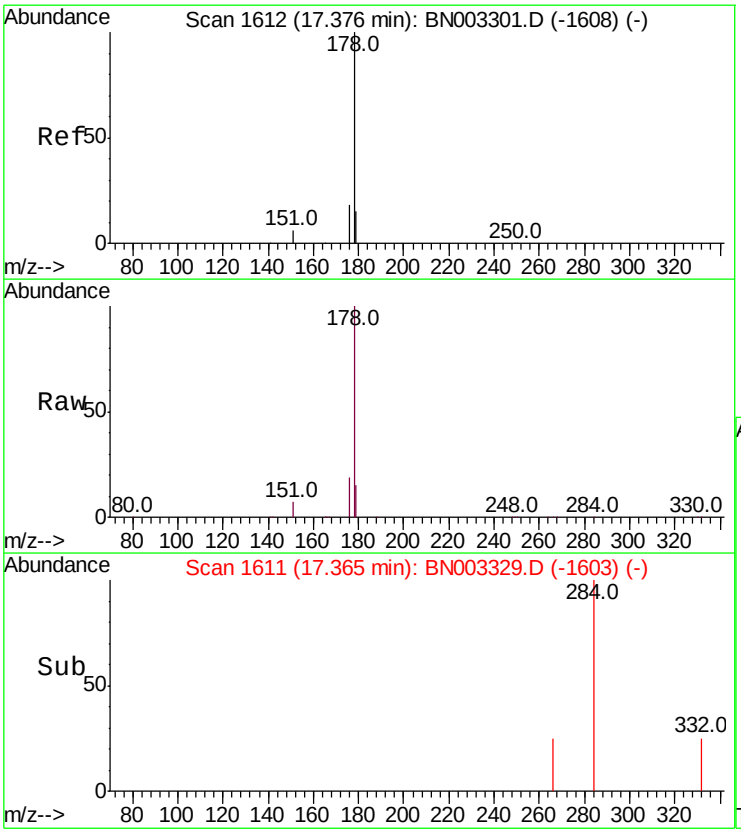
#23
Phenanthrene
Concen: 0.358 ng
RT: 17.28 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 74932

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.3	12.4	18.6

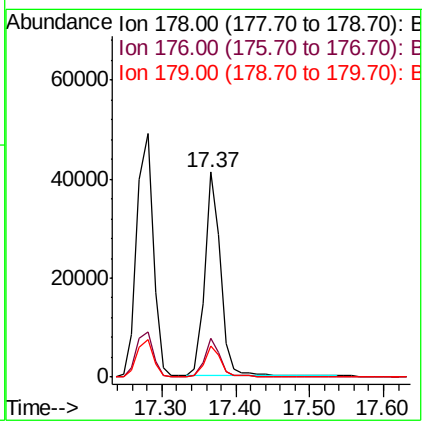


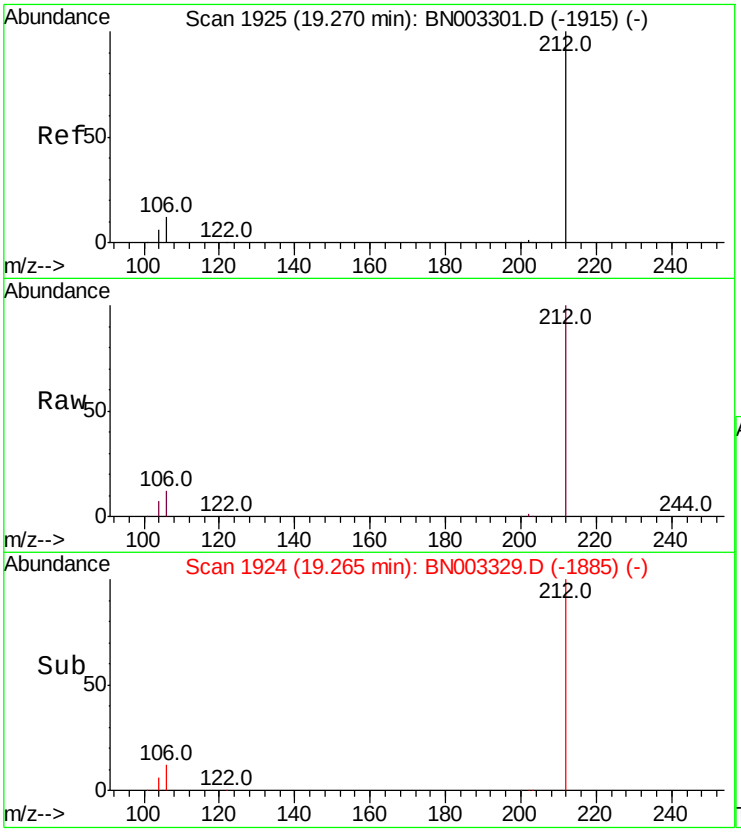


#24
Anthracene
Concen: 0.342 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:178 Resp: 61508

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.5	21.7
179	15.3	12.2	18.4



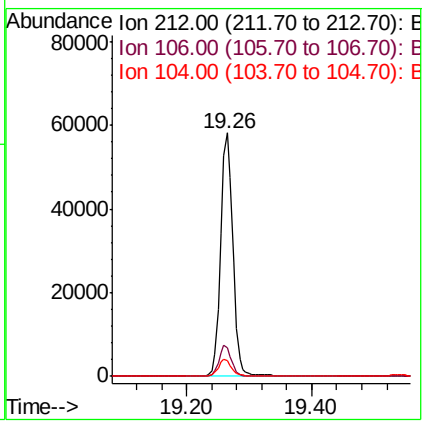


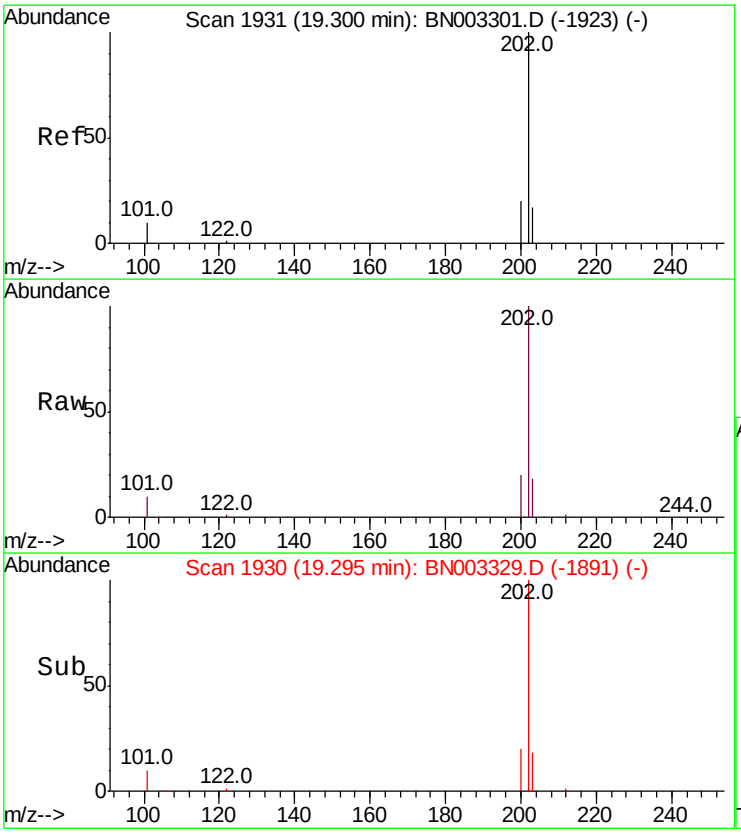
#25
Fluoranthene-d10
Concen: 0.356 ng
RT: 19.26 min Scan# 1924
Delta R.T. -0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 78952

Ion	Ratio	Lower	Upper
212	100		
106	12.6	10.3	15.5
104	7.0	5.6	8.4

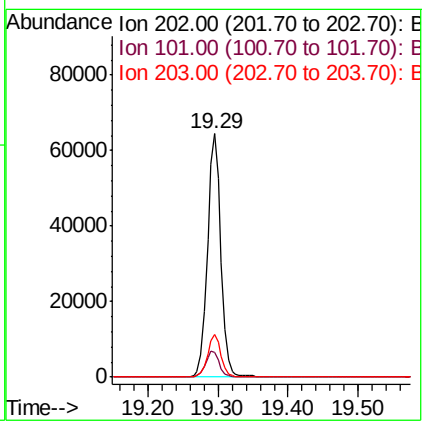


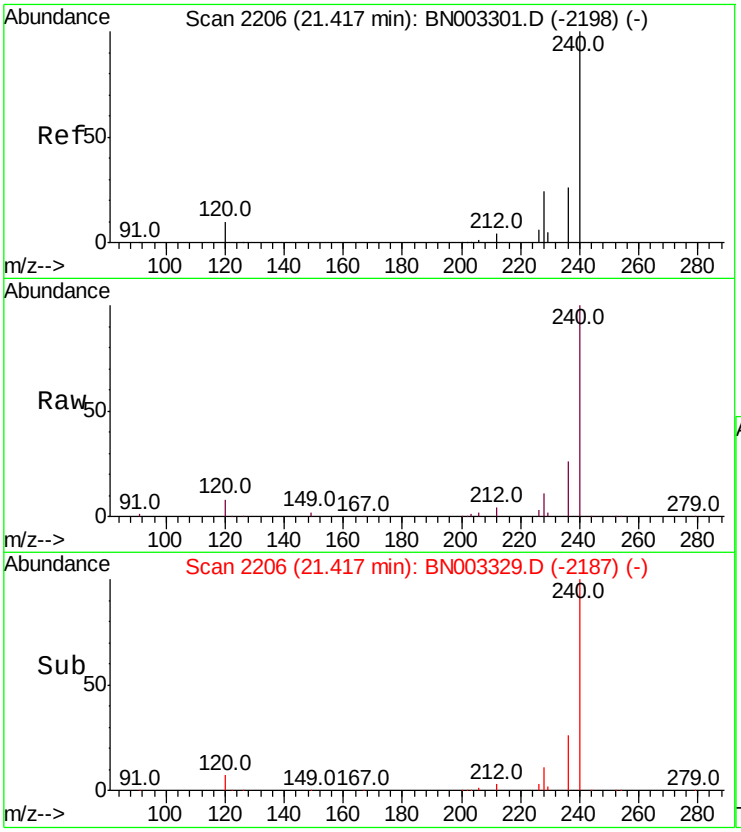


#26
Fluoranthene
Concen: 0.355 ng
RT: 19.29 min Scan# 1930
Delta R.T. -0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:202 Resp: 85289

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
203	17.2	13.8	20.6



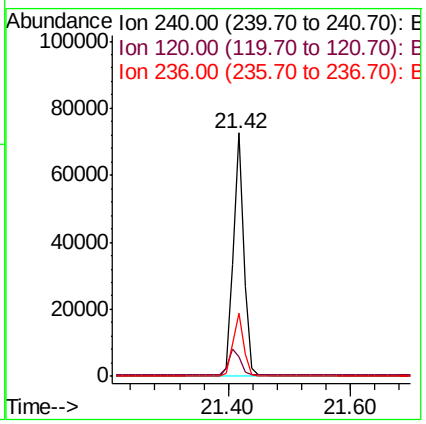


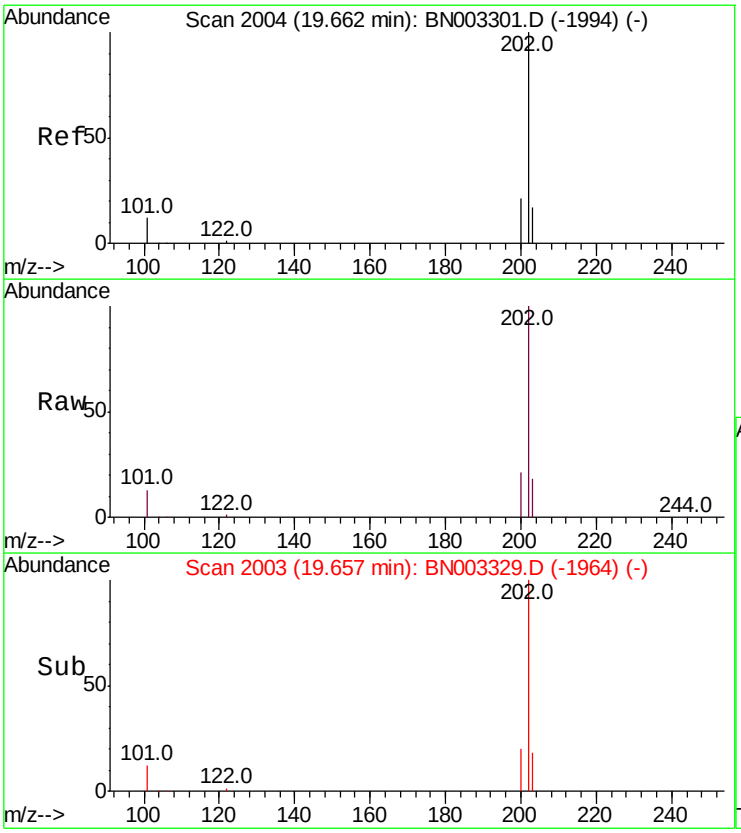
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 88849

Ion	Ratio	Lower	Upper
240	100		
120	7.9	9.3	13.9#
236	25.8	21.0	31.4

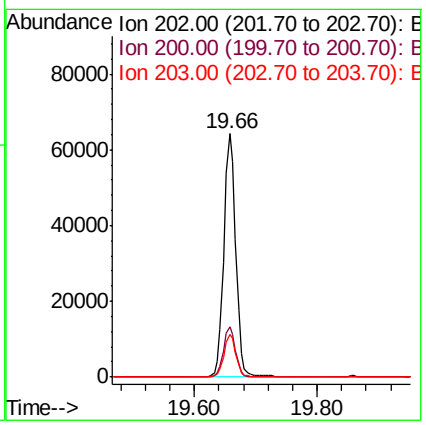


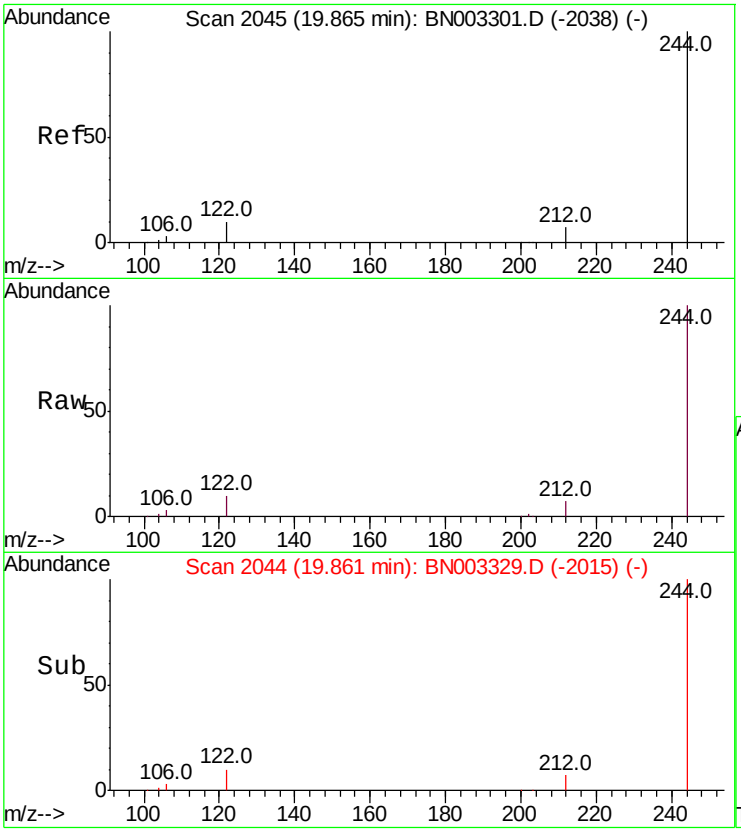


#28
Pyrene
Concen: 0.352 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:202 Resp: 86545

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.6	13.9	20.9



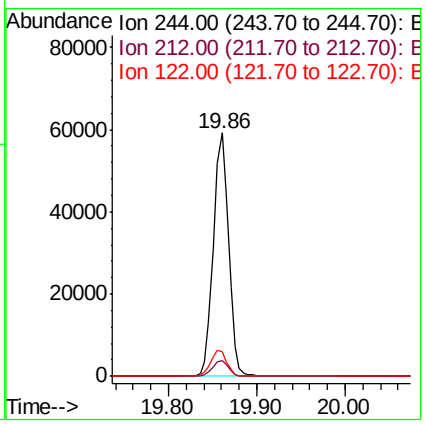


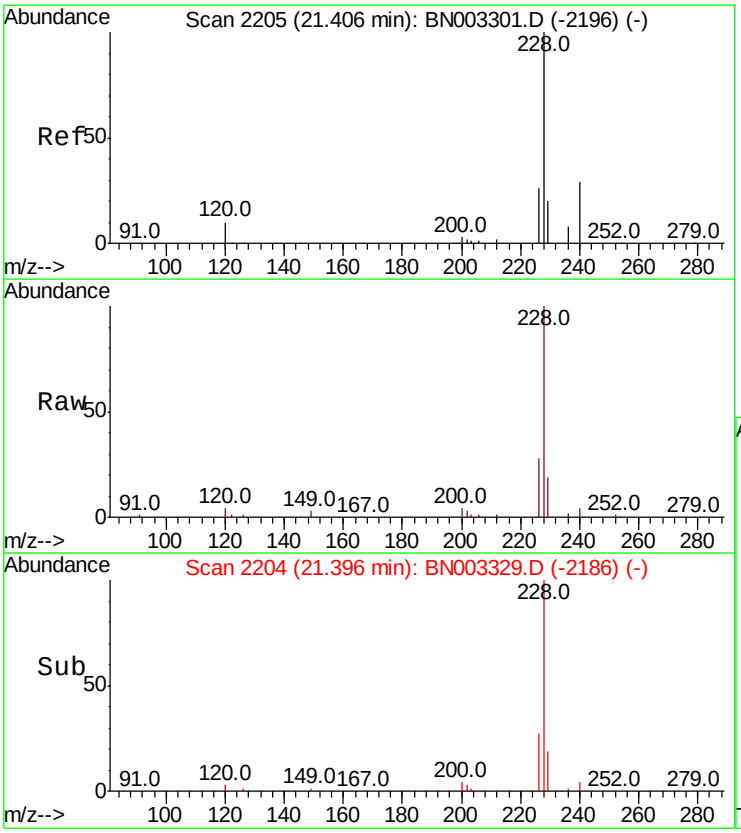
#29
Terphenyl-d14
Concen: 0.341 ng
RT: 19.86 min Scan# 2044
Delta R.T. -0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 70445

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.3	8.5	12.7

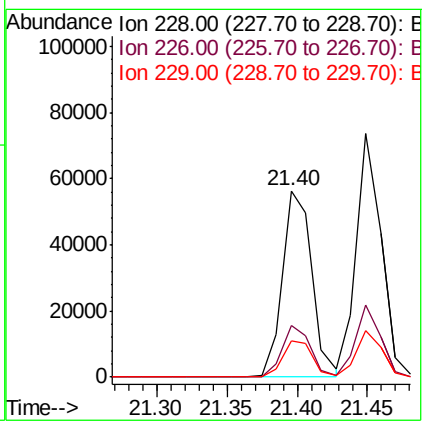


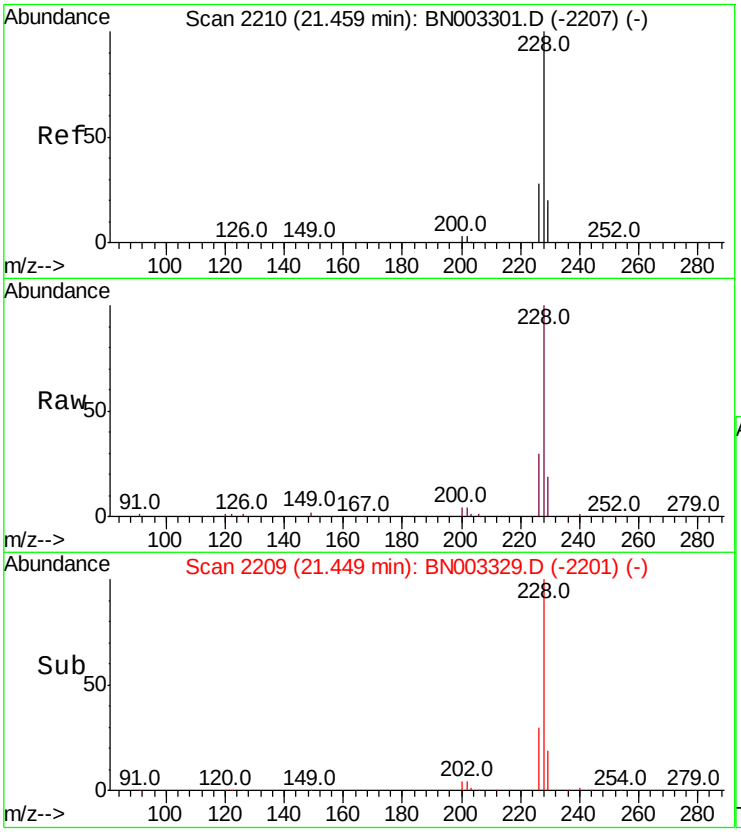


#30
Benzo(a)anthracene
Concen: 0.354 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:228 Resp: 82399

Ion	Ratio	Lower	Upper
228	100		
226	27.5	20.8	31.2
229	19.2	16.1	24.1



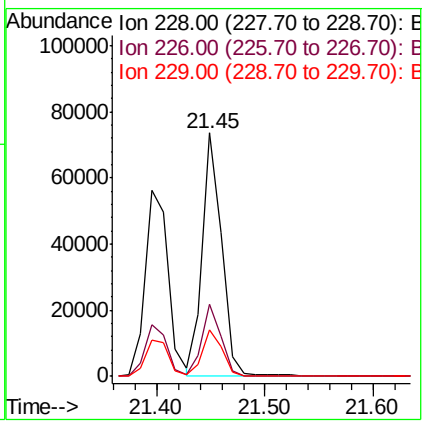


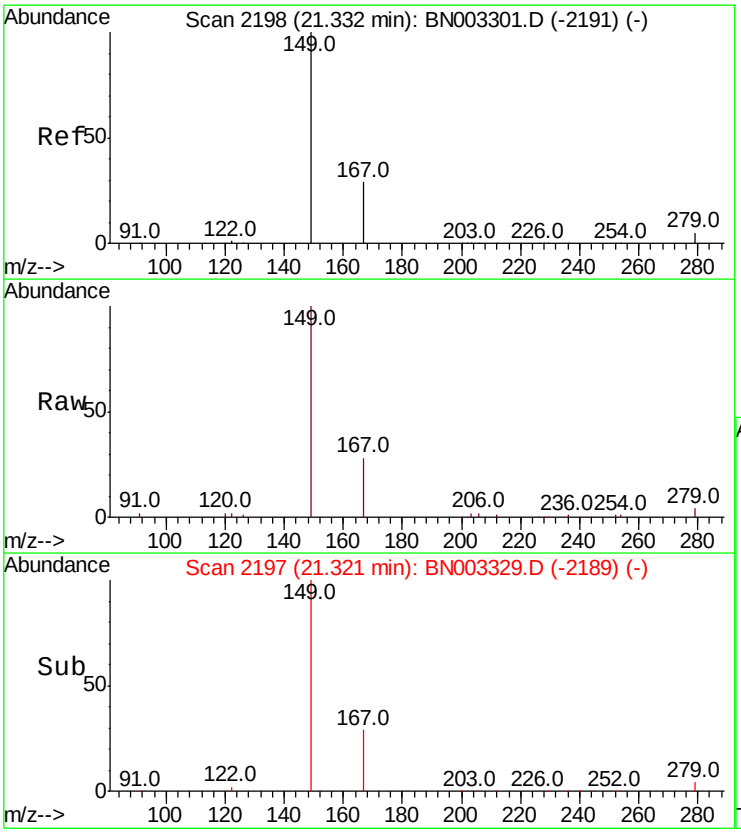
#31
Chrysene
Concen: 0.362 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 90866

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	19.0	16.0	24.0

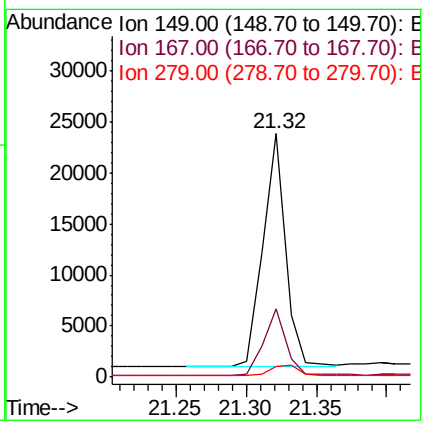


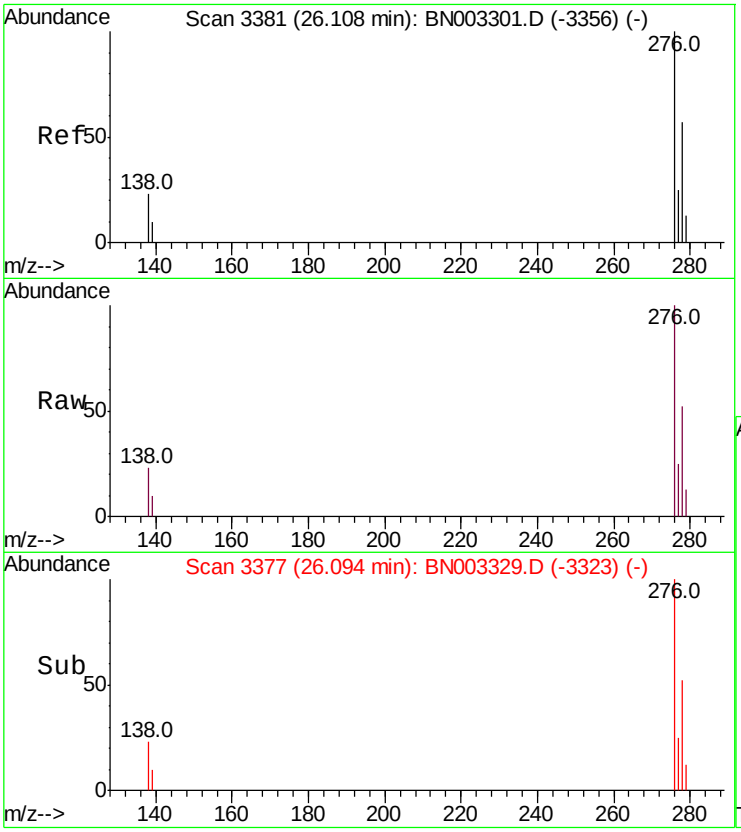


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.374 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:149 Resp: 25793

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.4	33.6
279	5.3	3.9	5.9



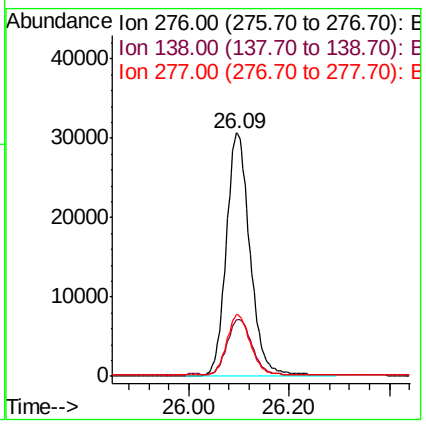


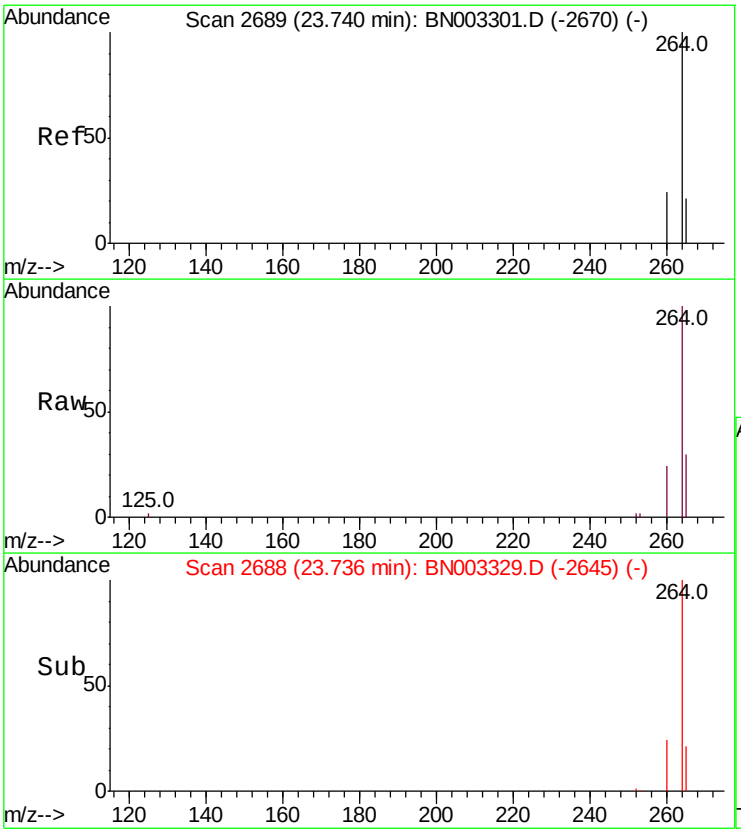
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.386 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 100369

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.6	30.8
277	25.1	20.0	30.0

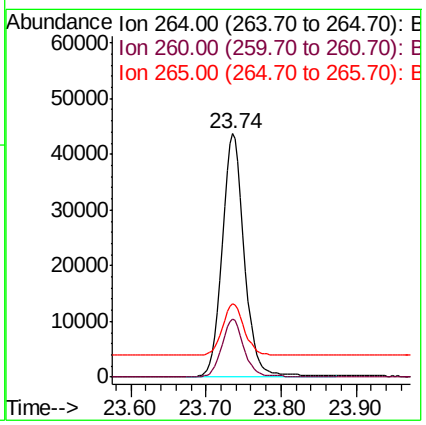


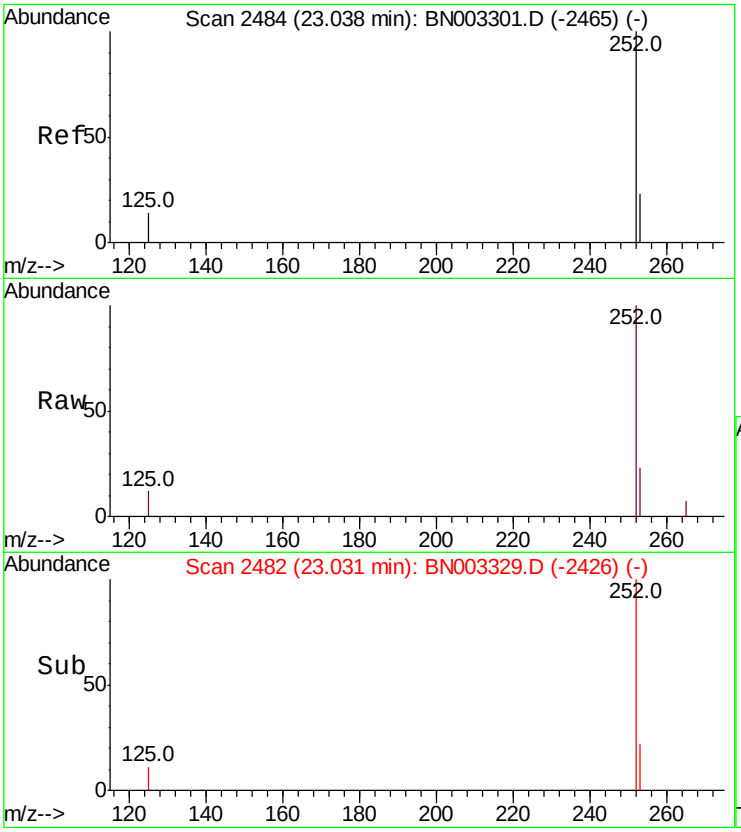


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2688
Delta R.T. -0.00 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:264 Resp: 87949

Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.1	28.7
265	30.2	26.4	39.6



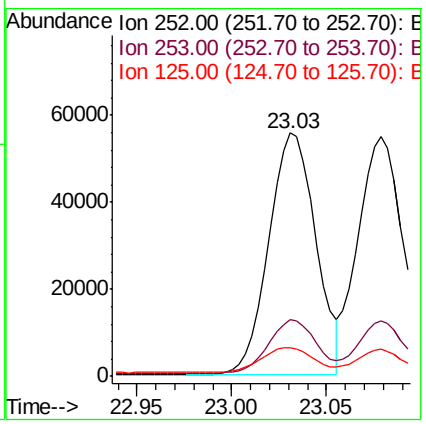


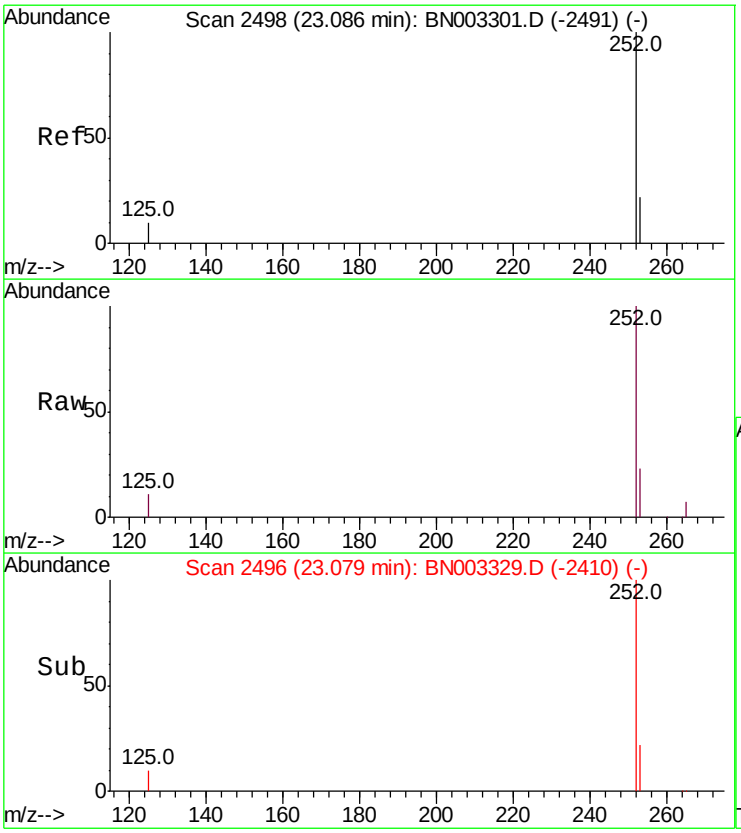
#35
Benzo(b)fluoranthene
Concen: 0.346 ng
RT: 23.03 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 94968

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.3	28.9
125	12.0	12.7	19.1#

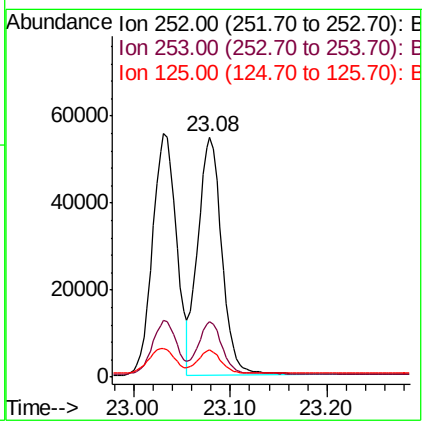


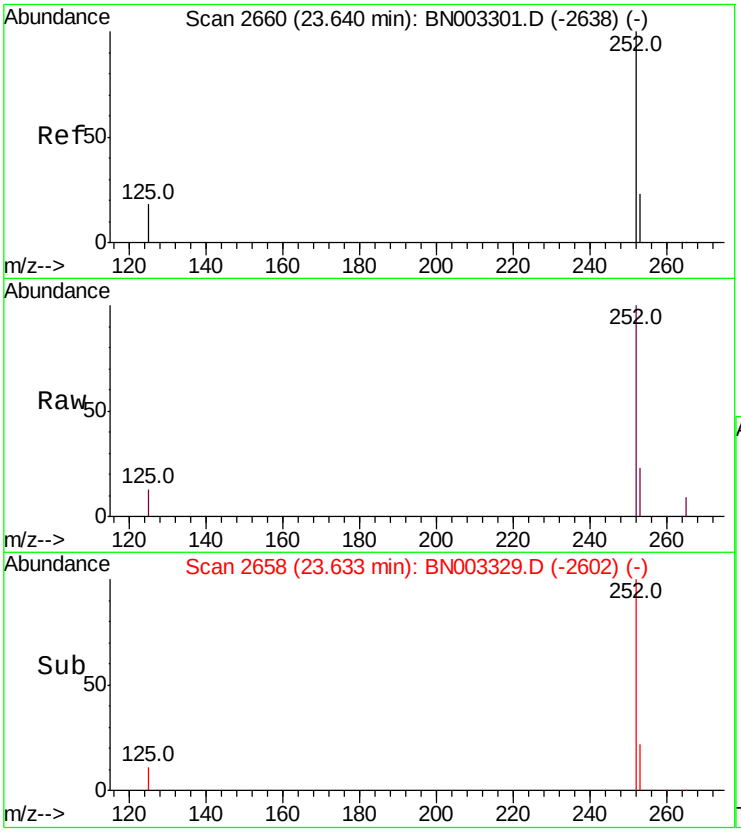


#36
Benzo(k)fluoranthene
Concen: 0.343 ng
RT: 23.08 min Scan# 2496
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:252 Resp: 93349

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.5	27.7
125	11.1	9.1	13.7



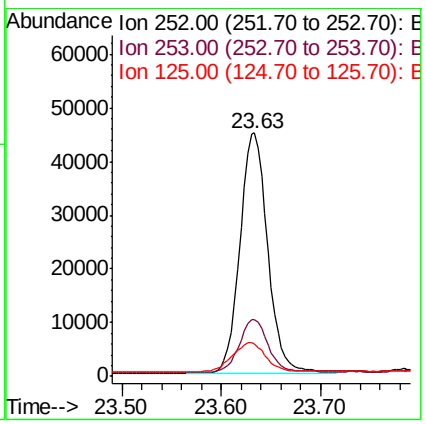


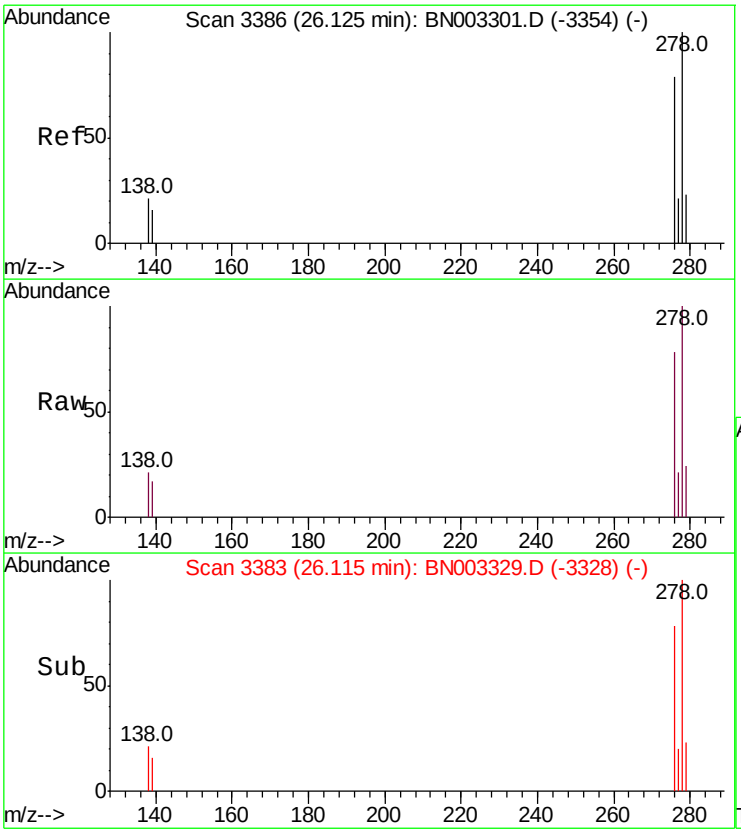
#37
Benzo(a)pyrene
Concen: 0.351 ng
RT: 23.63 min Scan# 2658
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 87666

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.1	30.1
125	13.1	16.0	24.0#

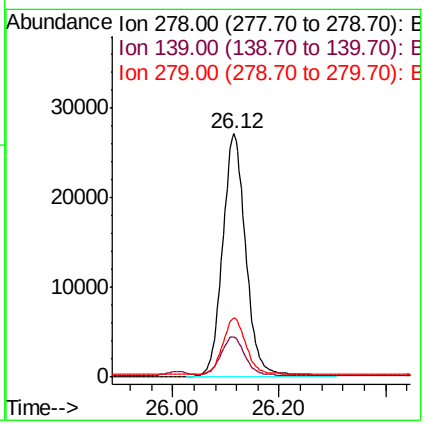


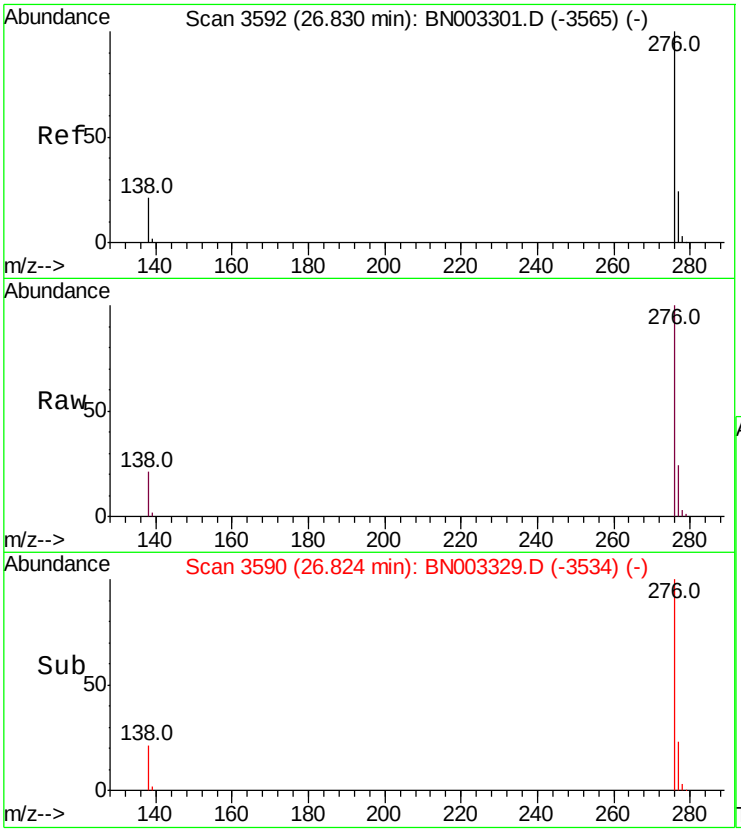


#38
Dibenzo(a,h)anthracene
Concen: 0.353 ng
RT: 26.12 min Scan# 3383
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Tgt Ion:278 Resp: 82095

Ion	Ratio	Lower	Upper
278	100		
139	16.5	13.5	20.3
279	24.3	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.362 ng
RT: 26.82 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BN003329.D
Acq: 29 Oct 2018 09:58

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 84251

Ion	Ratio	Lower	Upper
276	100		
277	23.9	19.5	29.3
138	21.4	17.4	26.2