Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN103118\
Data File : BN003366.D
Acq On : 31 Oct 2018 11:08
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 31 14:09:40 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	7.85	152	13562	0.40	ng		-0.02
7) Naphthalene-d8	10.66	136	57318	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	33514	0.40	ng		-0.01
19) Phenanthrene-d10	17.23	188	78800	0.40	ng		-0.01
27) Chrysene-d12	21.41	240	81392	0.40	ng		-0.01
34) Perylene-d12	23.73	264	65747	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.41	112	12411	0.37	ng		-0.02
5) Phenol-d6	7.00	99	15521	0.37	ng		-0.02
8) Nitrobenzene-d5	9.01	82	12241	0.49	ng		-0.01
11) 2-Methylnaphthalene-d10	12.24	152	36043	0.39	ng		-0.01
14) 2,4,6-Tribromophenol	15.97	330	4834	0.36	ng		-0.01
15) 2-Fluorobiphenyl	13.11	172	55175	0.38	ng		-0.02
25) Fluoranthene-d10	19.26	212	81947	0.36	ng		0.00
29) Terphenyl-d14	19.86	244	75337	0.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	6760	0.385	ng		95
3) n-Nitrosodimethylamine	3.67	42	3177	0.393	ng	#	95
6) bis(2-Chloroethyl)ether	7.28	93	14801	0.391	ng		97
9) Naphthalene	10.71	128	54565	0.389	ng		99
10) Hexachlorobutadiene	10.97	225	9947	0.388	ng	#	100
12) 2-Methylnaphthalene	12.31	142	37908	0.387	ng		98
16) Acenaphthylene	14.21	152	53106	0.355	ng		99
17) Acenaphthene	14.54	154	40044	0.387	ng		100
18) Fluorene	15.54	166	48250	0.372	ng		99
20) 4-Bromophenyl-phenylether	16.42	248	17613	0.386	ng	#	77
21) Hexachlorobenzene	16.53	284	19472	0.405	ng		99
22) Pentachlorophenol	16.88	266	5264	0.404	ng		96
23) Phenanthrene	17.27	178	83791	0.388	ng		100
24) Anthracene	17.37	178	65629	0.354	ng		99
26) Fluoranthene	19.29	202	89811	0.362	ng		100
28) Pyrene	19.66	202	91003	0.404	ng		100
30) Benzo(a)anthracene	21.40	228	73567	0.345	ng		99
31) Chrysene	21.45	228	87831	0.382	ng		99
32) Bis(2-ethylhexyl)phthalate	21.31	149	22402	0.355	ng		99
33) Indeno(1,2,3-cd)pyrene	26.08	276	74472	0.313	ng		99
35) Benzo(b)fluoranthene	23.02	252	84368	0.411	ng	#	95
36) Benzo(k)fluoranthene	23.07	252	78874	0.388	ng		100
37) Benzo(a)pyrene	23.62	252	72785	0.390	ng	#	92
38) Dibenzo(a,h)anthracene	26.10	278	62166	0.357	ng		100
39) Benzo(g,h,i)perylene	26.81	276	60494	0.348	ng		100

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN103118\
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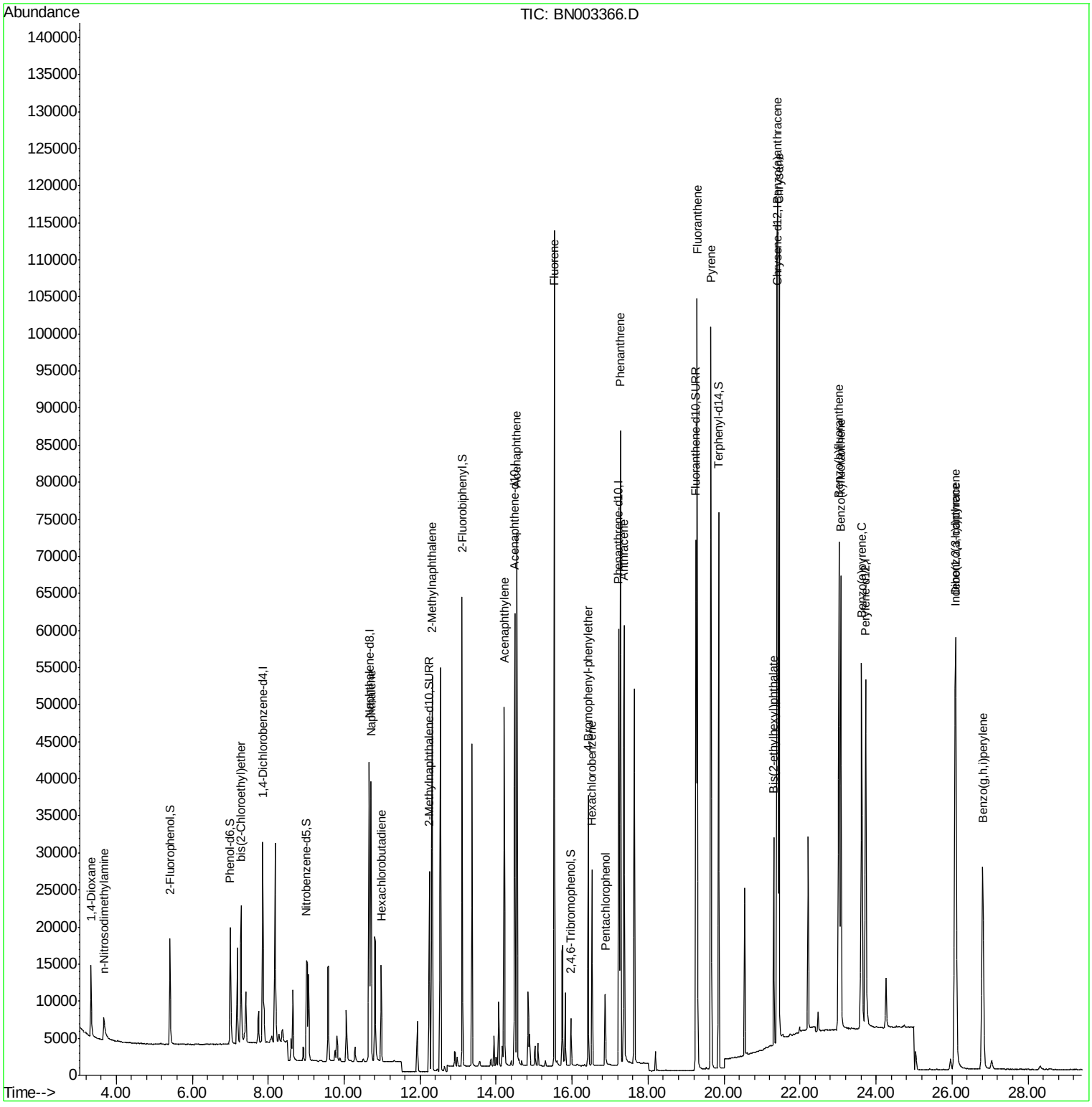
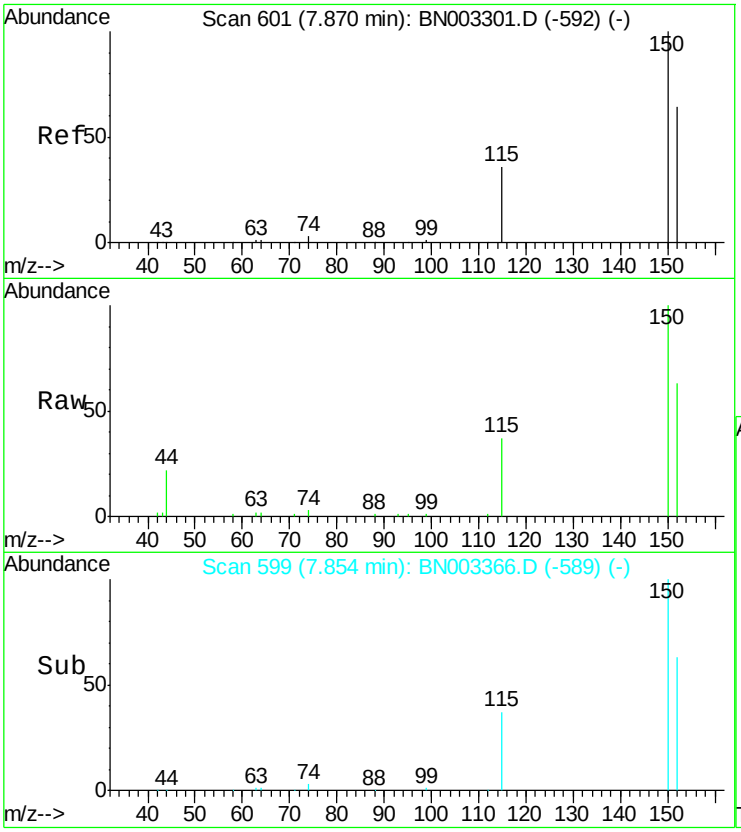
Operator : MJ/SJ
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Oct 31 14:09:40 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



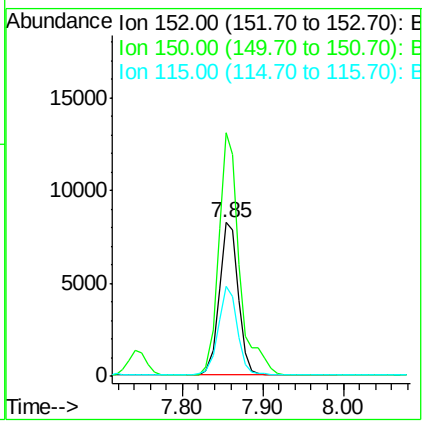


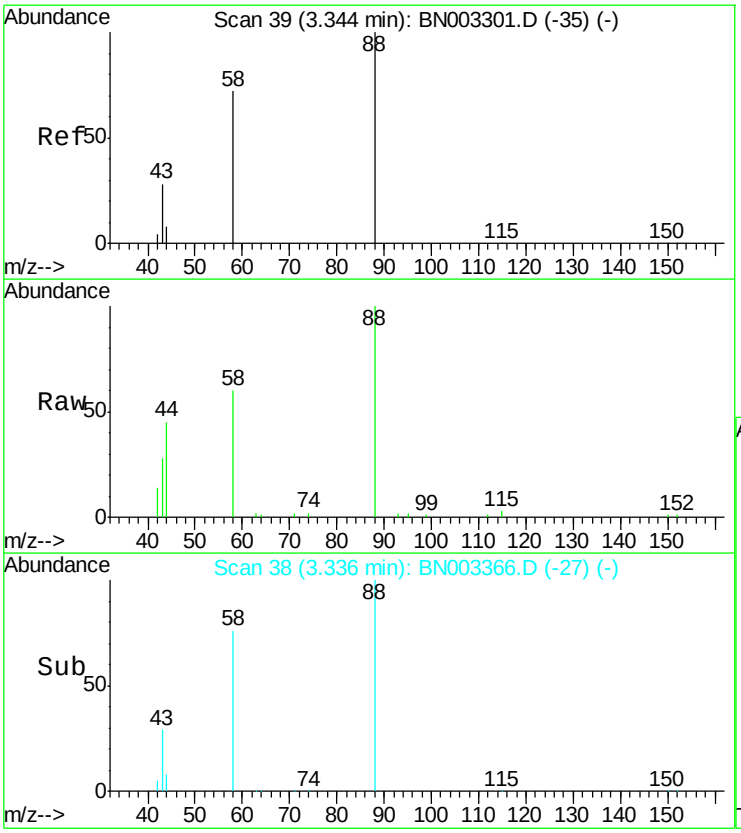
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.85 min Scan# 599
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 13562

Ion	Ratio	Lower	Upper
152	100		
150	158.2	124.6	187.0
115	58.8	46.4	69.6

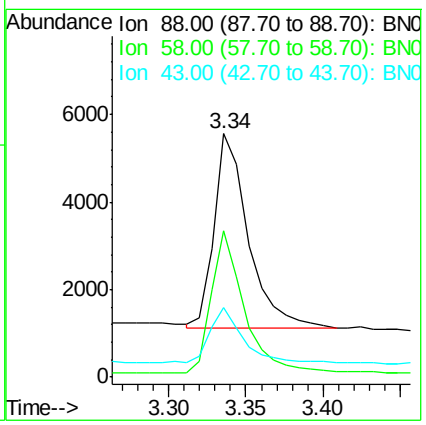


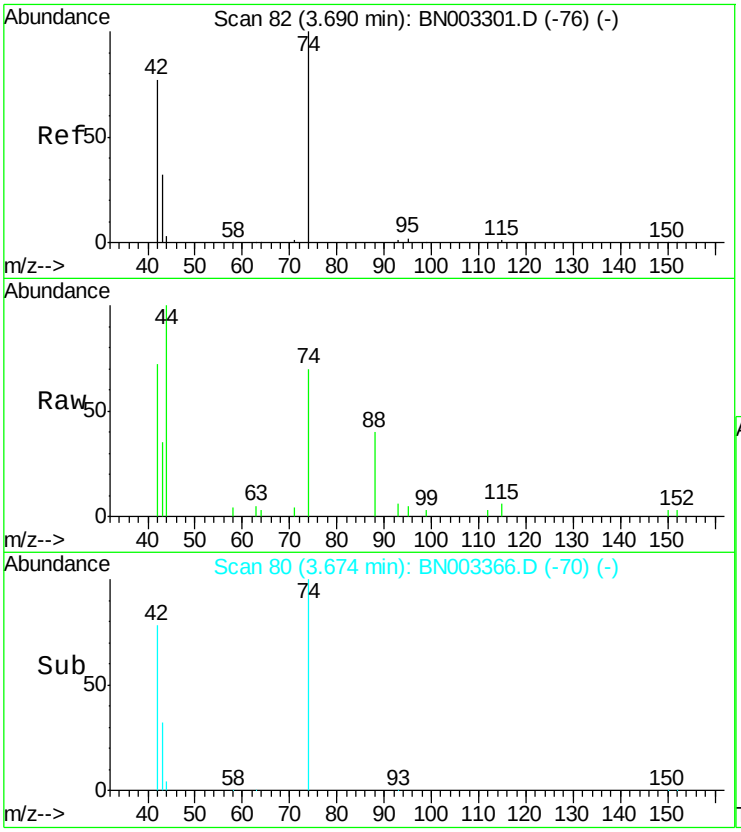


#2
1,4-Dioxane
Concen: 0.385 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion: 88 Resp: 6760

Ion	Ratio	Lower	Upper
88	100		
58	71.3	60.9	91.3
43	27.9	23.9	35.9



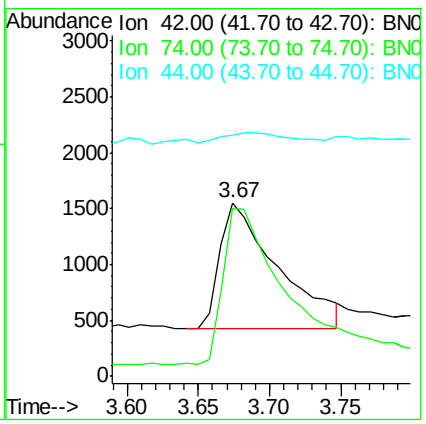


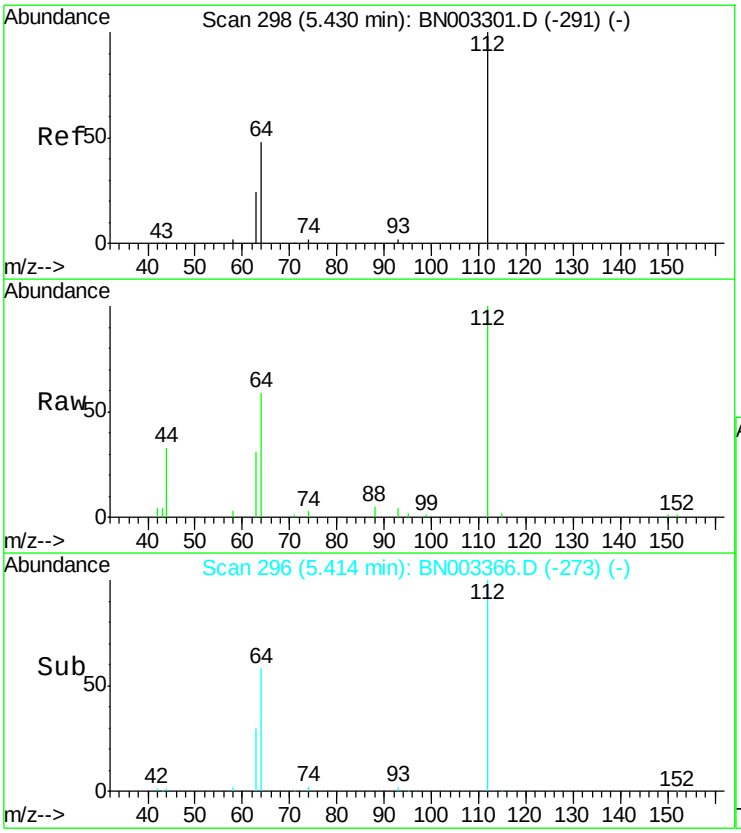
#3
n-Nitrosodimethylamine
Concen: 0.393 ng
RT: 3.67 min Scan# 80
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 42 Resp: 3177

Ion	Ratio	Lower	Upper
42	100		
74	128.6	99.1	148.7
44	9.7	4.2	6.4#

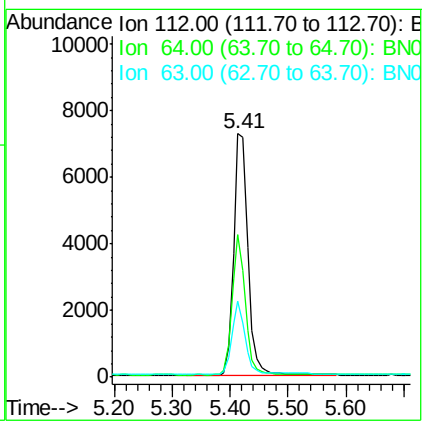


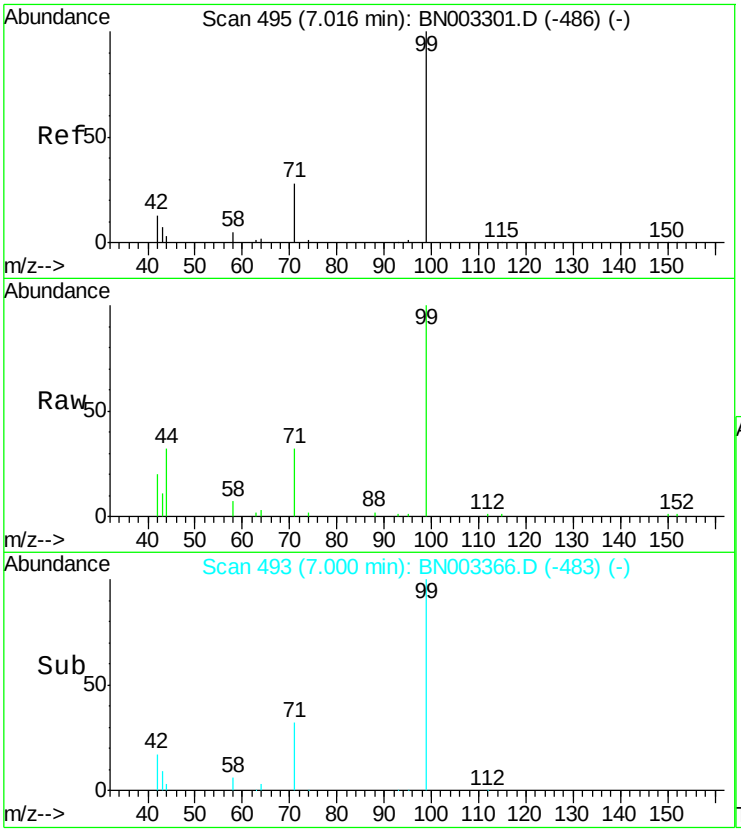


#4
2-Fluorophenol
Concen: 0.370 ng
RT: 5.41 min Scan# 296
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:112 Resp: 12411

Ion	Ratio	Lower	Upper
112	100		
64	53.0	44.3	66.5
63	26.9	22.4	33.6



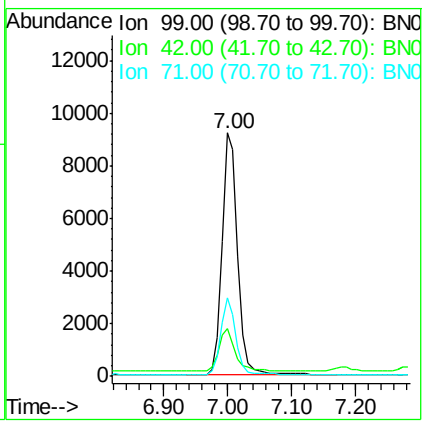


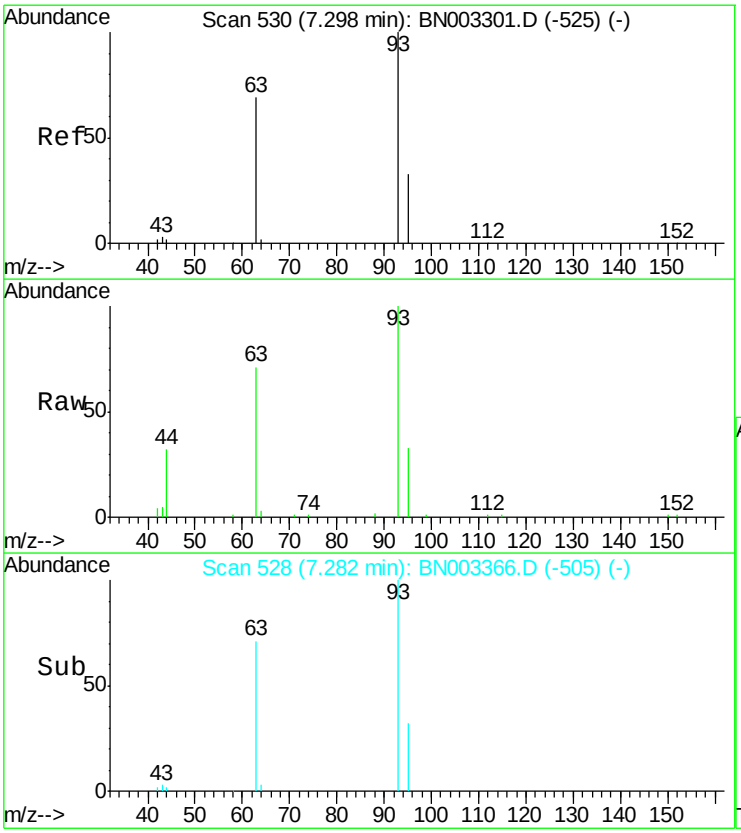
#5
Phenol-d6
Concen: 0.366 ng
RT: 7.00 min Scan# 493
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion: 99 Resp: 15521

Ion	Ratio	Lower	Upper
99	100		
42	18.2	14.8	22.2
71	30.2	24.8	37.2

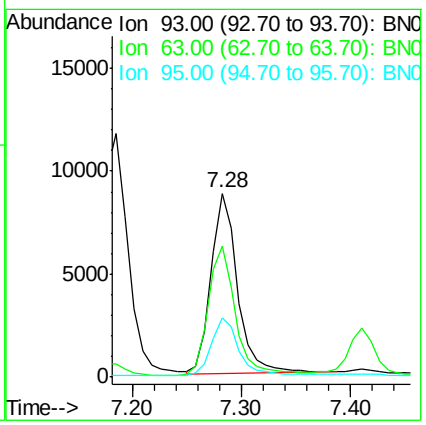


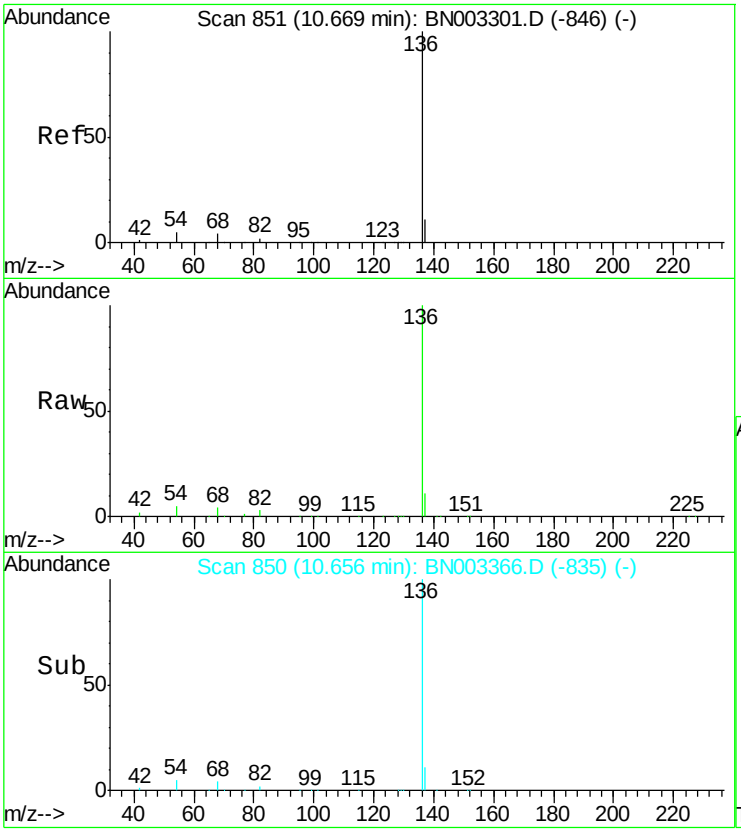


#6
bis(2-Chloroethyl)ether
Concen: 0.391 ng
RT: 7.28 min Scan# 528
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion: 93 Resp: 14801

Ion	Ratio	Lower	Upper
93	100		
63	72.9	55.8	83.6
95	33.2	25.4	38.2



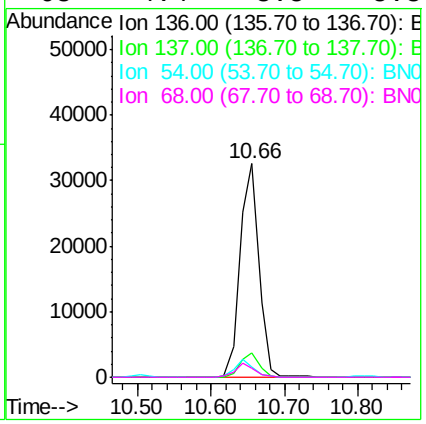


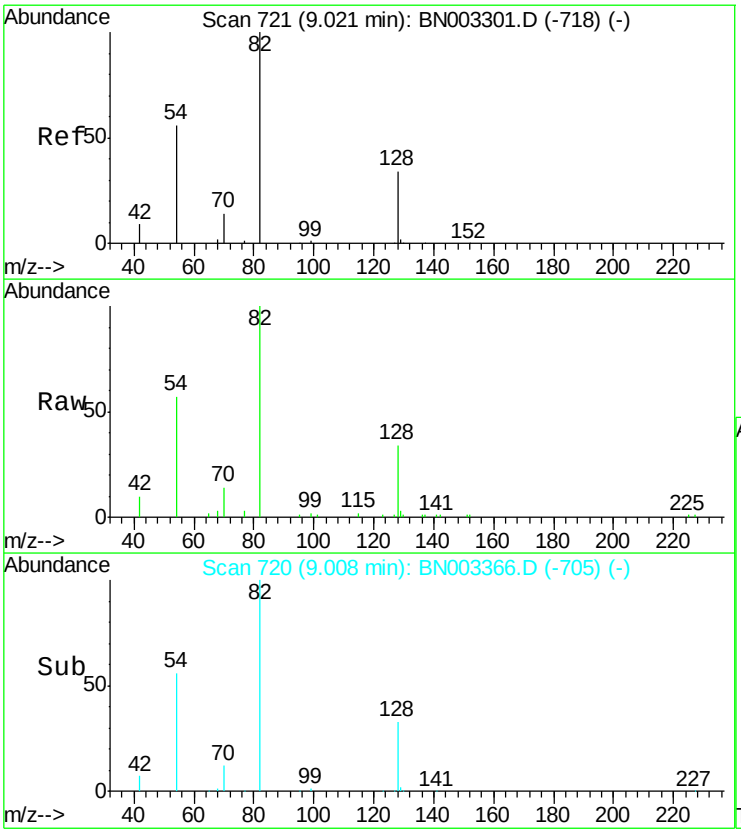
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:136 Resp: 57318

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	4.9	4.1	6.1
68	4.4	3.5	5.3

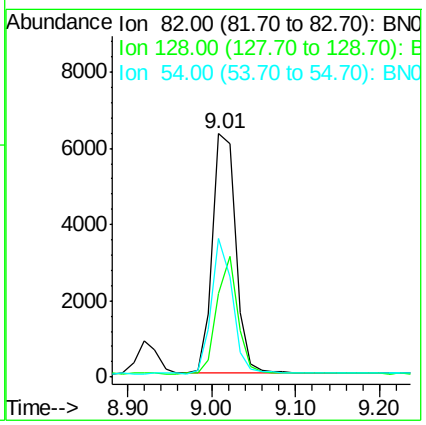


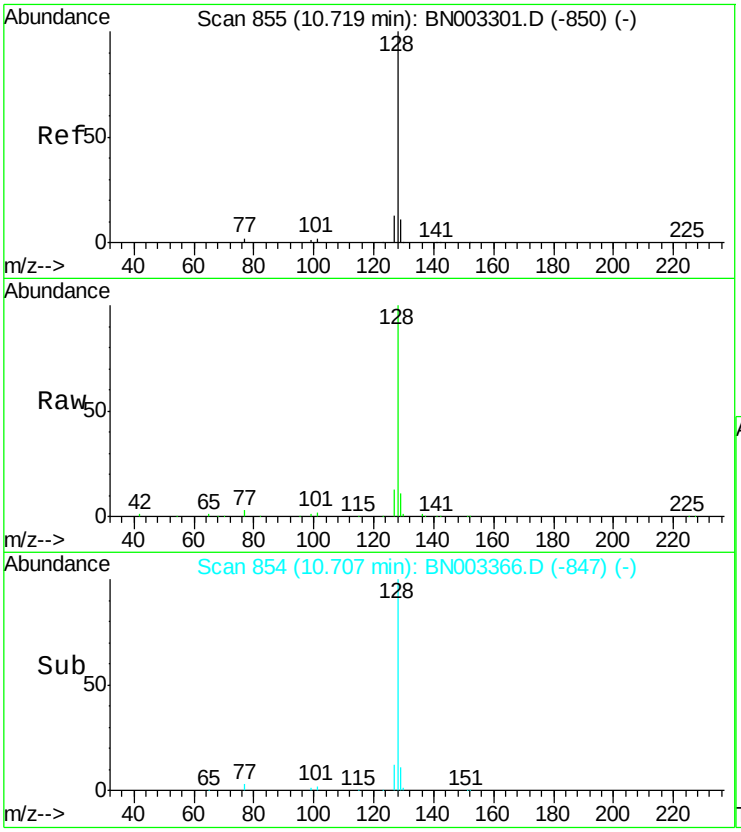


#8
Nitrobenzene-d5
Concen: 0.488 ng
RT: 9.01 min Scan# 720
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion: 82 Resp: 12241

Ion	Ratio	Lower	Upper
82	100		
128	34.5	28.9	43.3
54	56.7	46.1	69.1



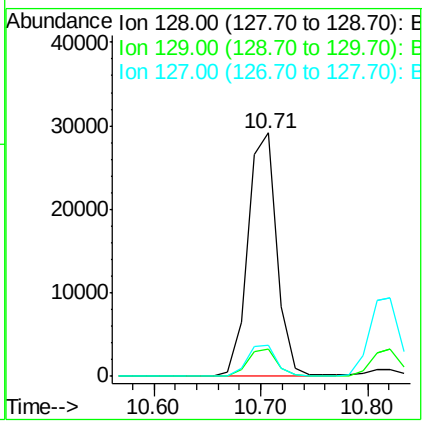


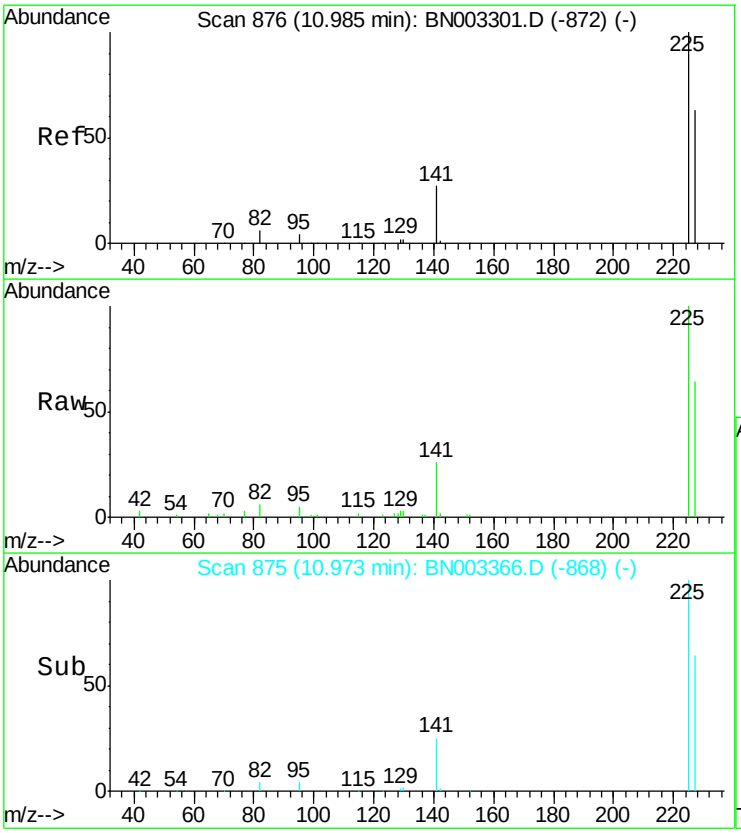
#9
Naphthalene
Concen: 0.389 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:128 Resp: 54565

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.1	13.7
127	12.6	10.2	15.4

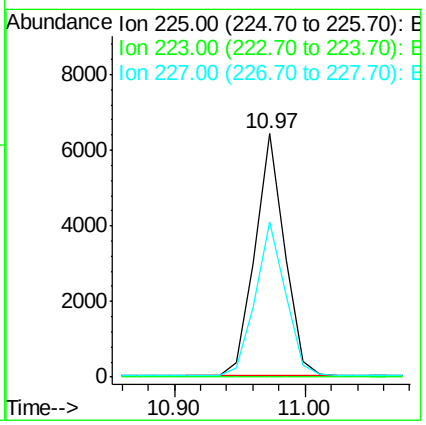


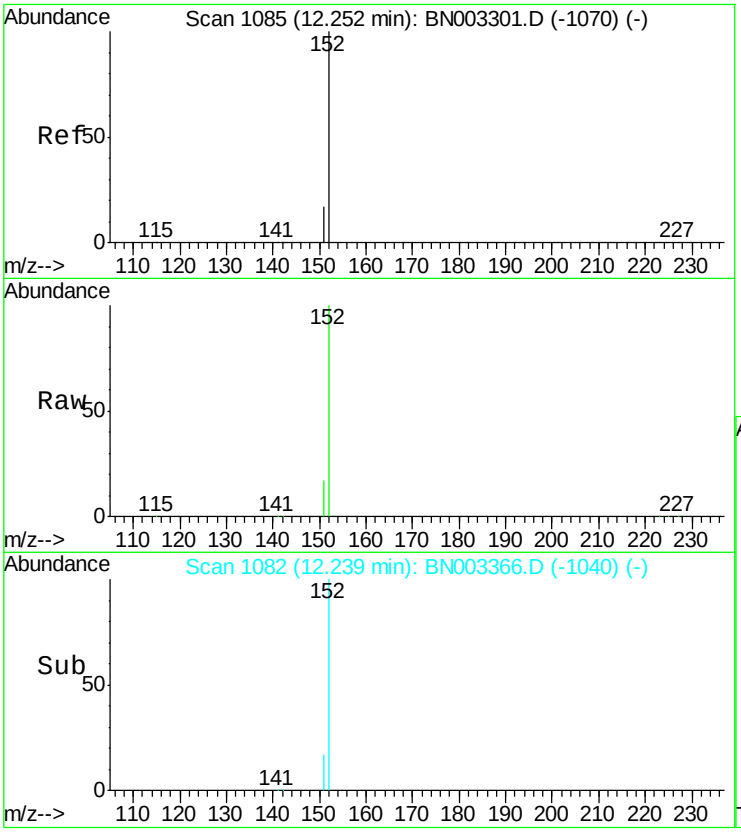


#10
Hexachlorobutadiene
Concen: 0.388 ng
RT: 10.97 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:225 Resp: 9947

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.3	51.3	76.9



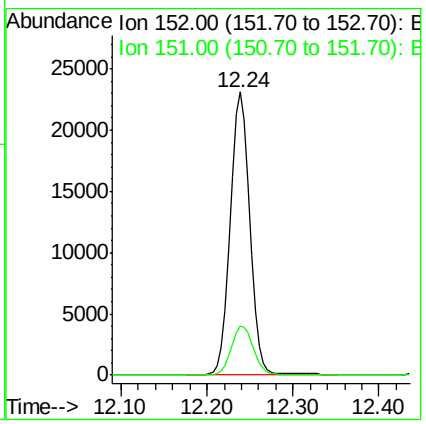


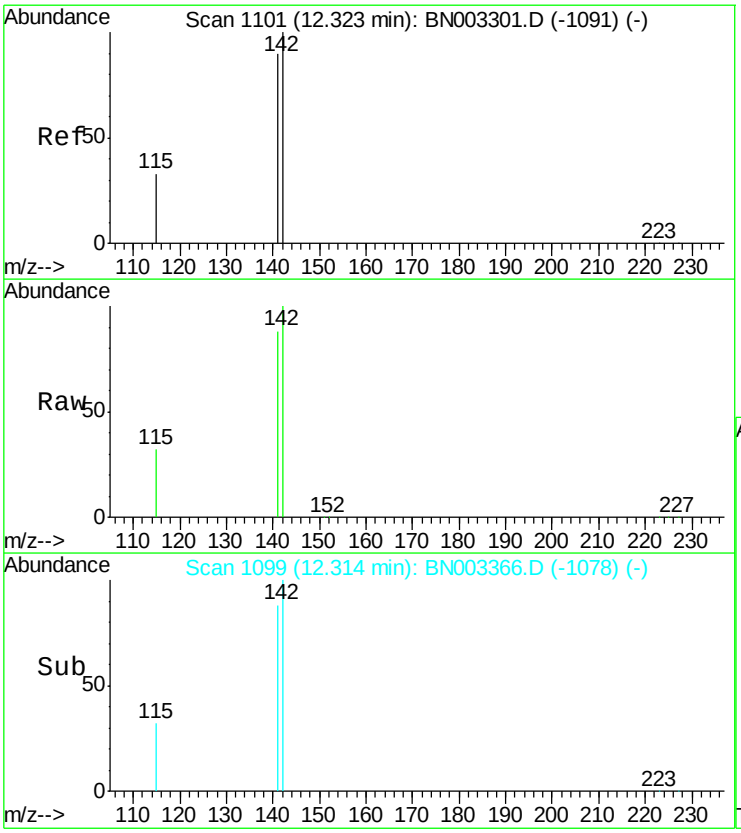
#11
2-Methylnaphthalene-d10
Concen: 0.386 ng
RT: 12.24 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:152 Resp: 36043

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

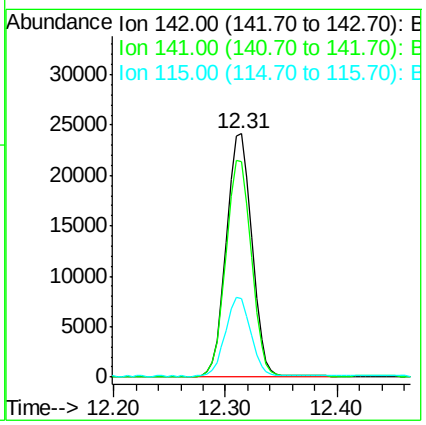


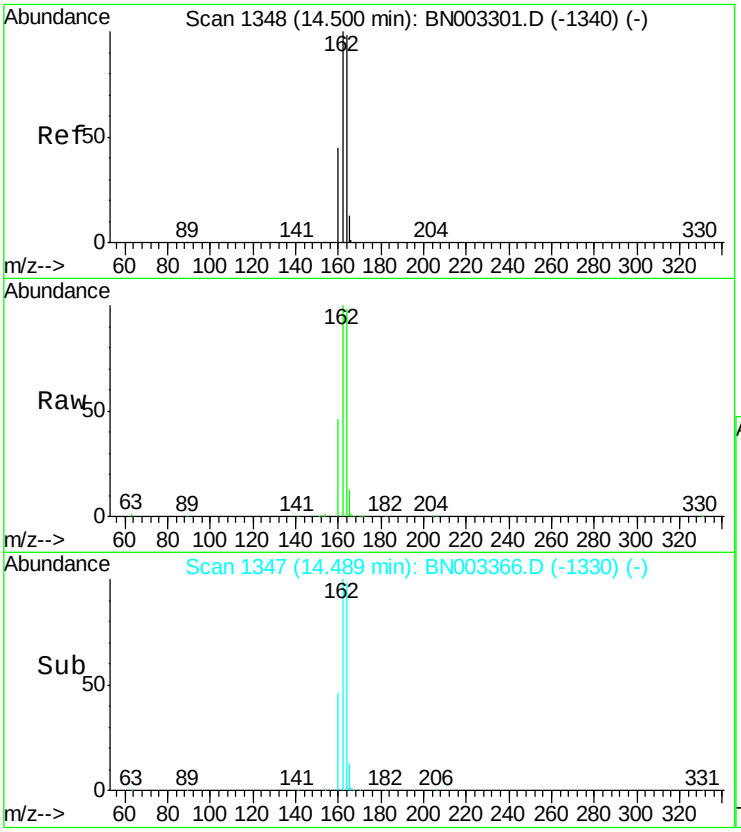


#12
2-Methylnaphthalene
Concen: 0.387 ng
RT: 12.31 min Scan# 1099
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:142 Resp: 37908

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.9	107.9
115	32.0	27.0	40.6



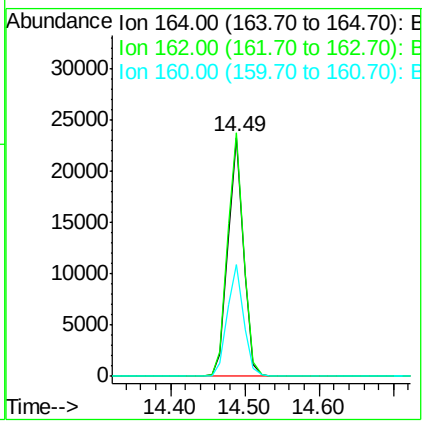


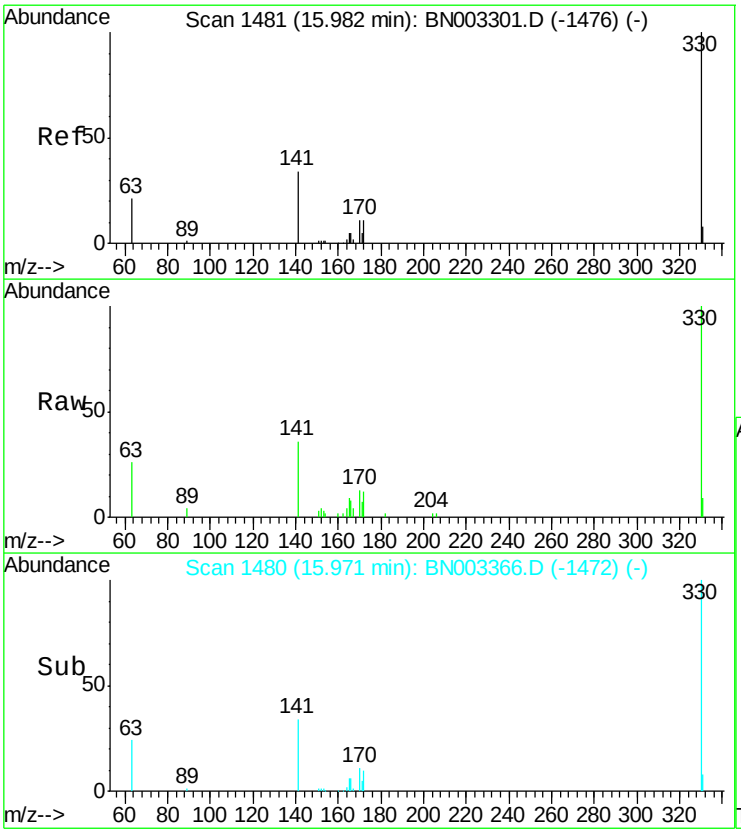
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:164 Resp: 33514

Ion	Ratio	Lower	Upper
164	100		
162	102.0	81.8	122.6
160	46.6	37.2	55.8

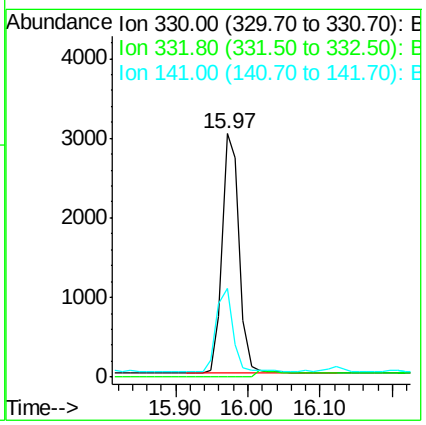


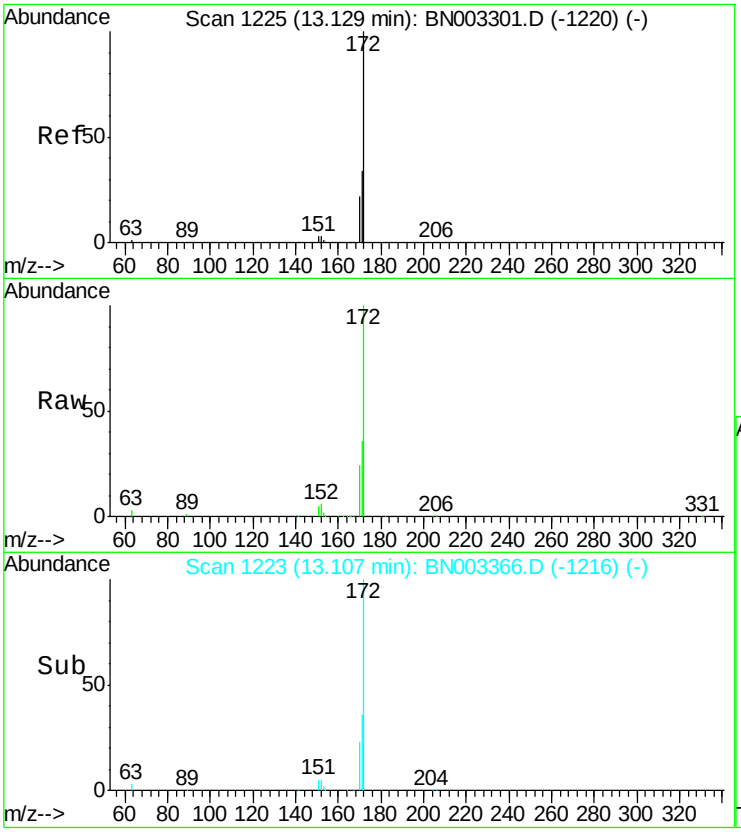


#14
2,4,6-Tribromophenol
Concen: 0.362 ng
RT: 15.97 min Scan# 1480
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:330 Resp: 4834

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



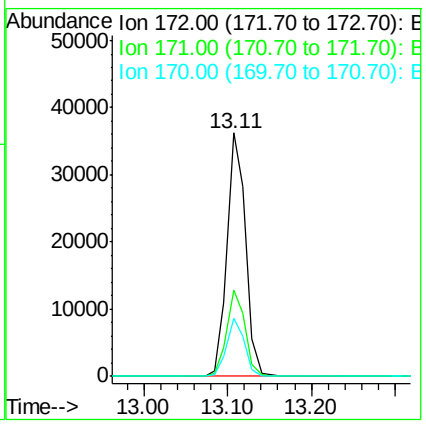


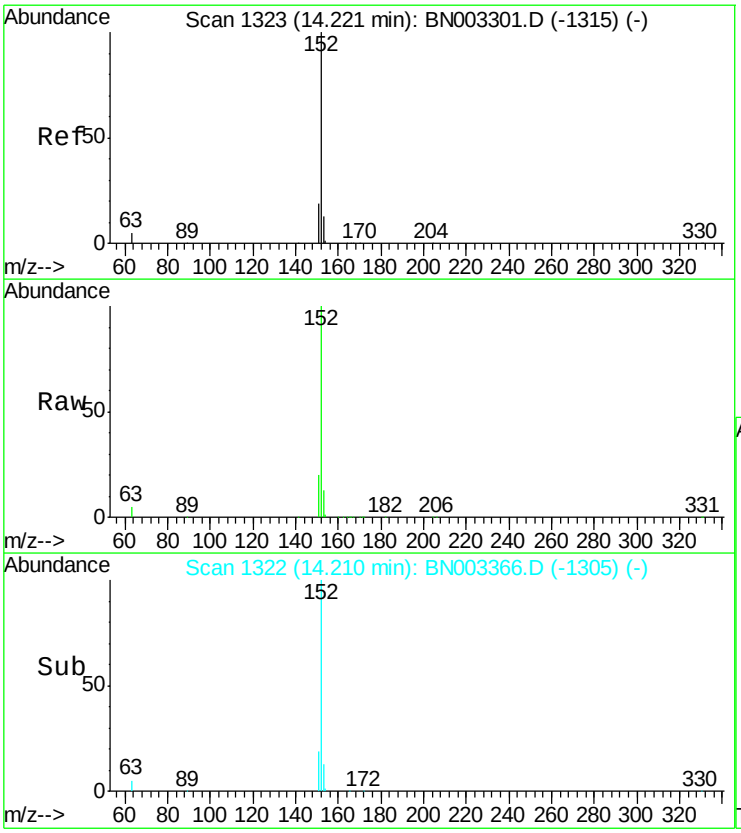
#15
2-Fluorobiphenyl
Concen: 0.383 ng
RT: 13.11 min Scan# 1223
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:172 Resp: 55175

Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.1	40.7
170	23.6	17.4	26.0

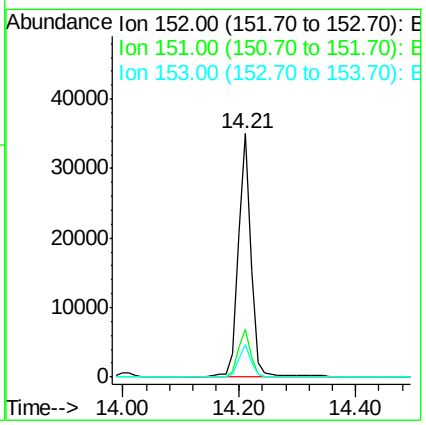


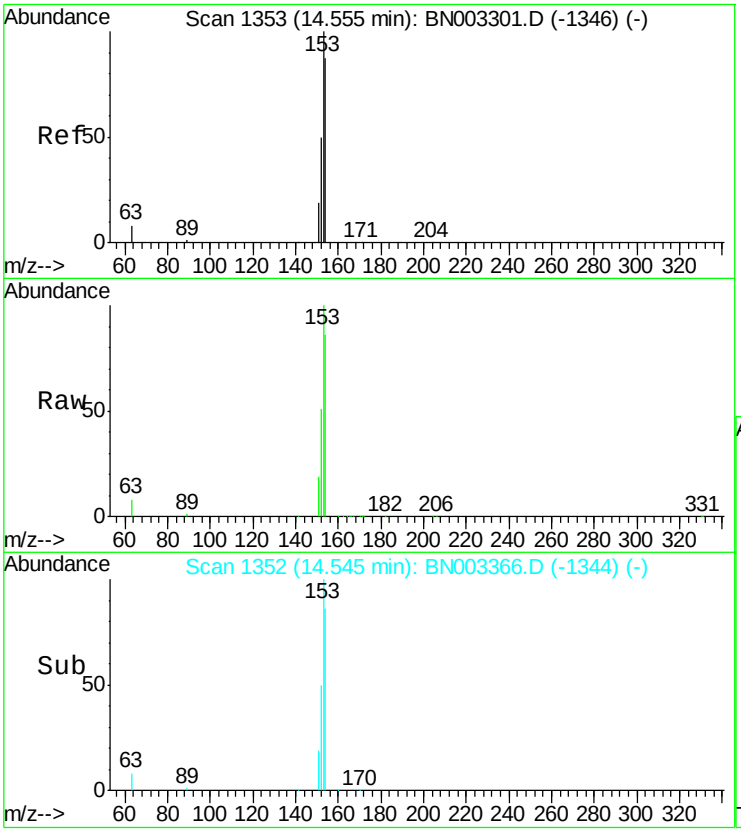


#16
Acenaphthylene
Concen: 0.355 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:152 Resp: 53106

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.7	23.5
153	12.9	10.6	15.8



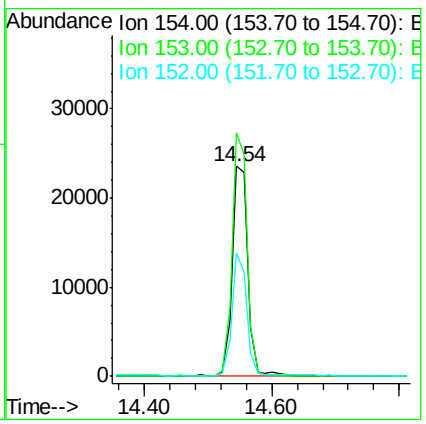


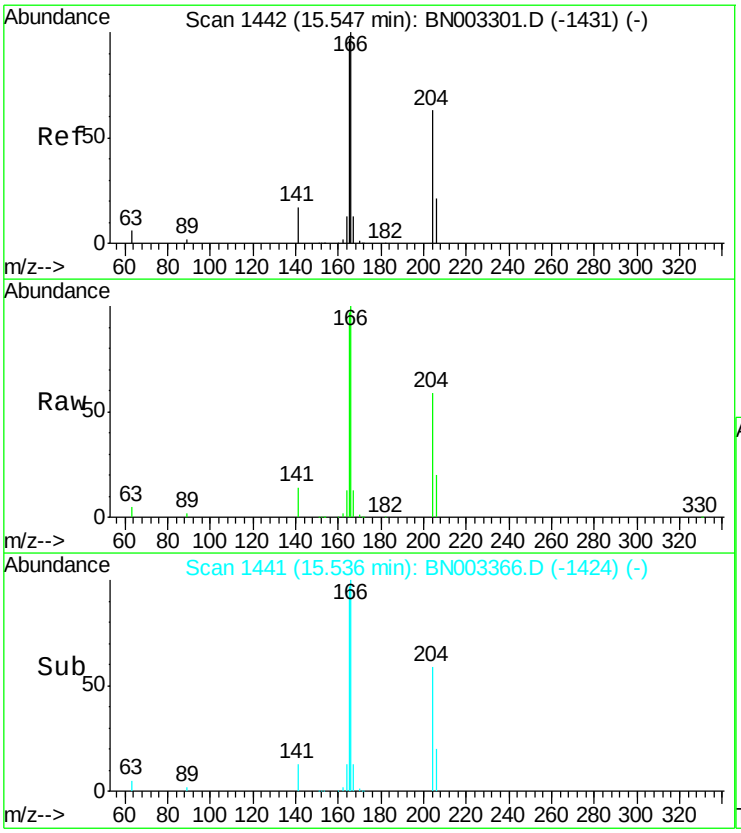
#17
Acenaphthene
Concen: 0.387 ng
RT: 14.54 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:154 Resp: 40044

Ion	Ratio	Lower	Upper
154	100		
153	111.2	88.9	133.3
152	54.7	43.5	65.3

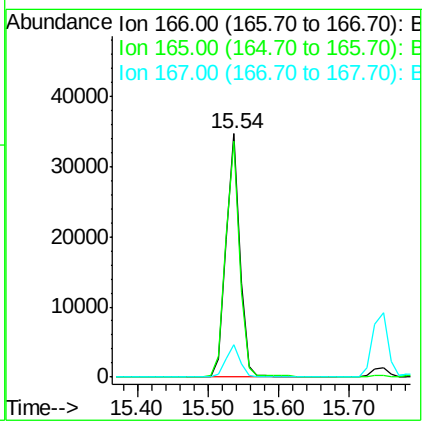


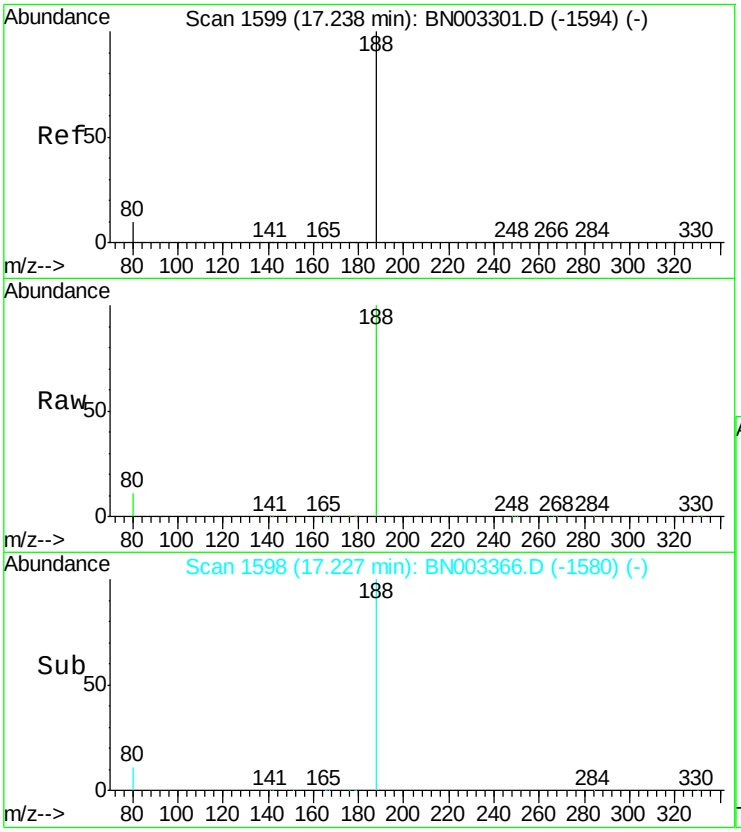


#18
Fluorene
Concen: 0.372 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:166 Resp: 48250

Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.8	116.8
167	13.5	10.9	16.3



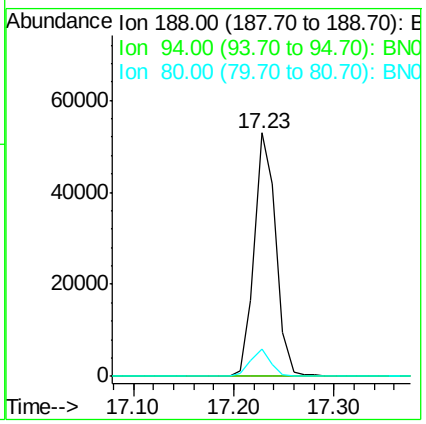


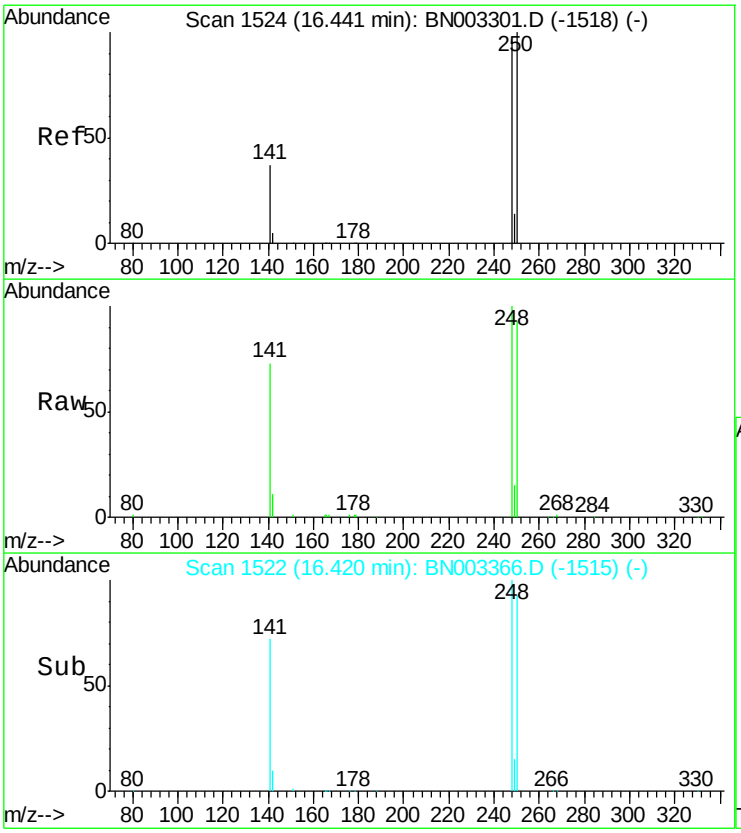
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:188 Resp: 78800

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.0	8.6	12.8

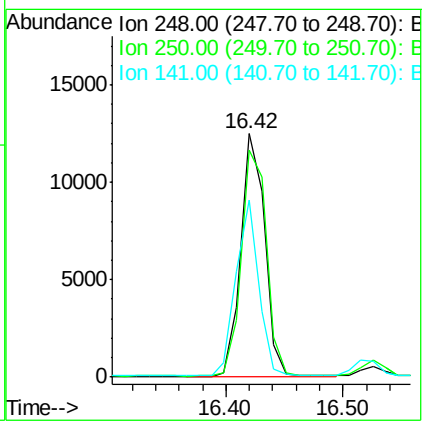


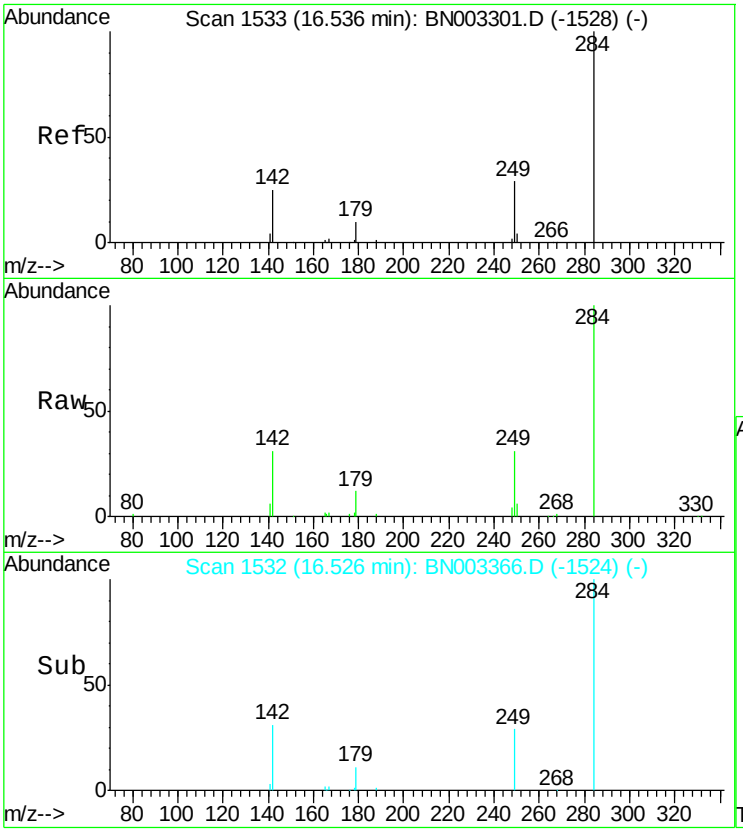


#20
4-Bromophenyl-phenylether
Concen: 0.386 ng
RT: 16.42 min Scan# 1522
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:248 Resp: 17613

Ion	Ratio	Lower	Upper
248	100		
250	93.5	83.7	125.5
141	72.8	31.4	47.0#



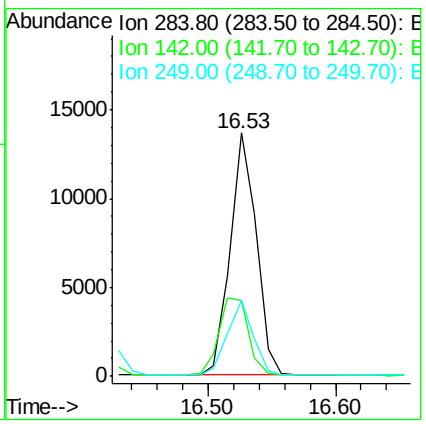


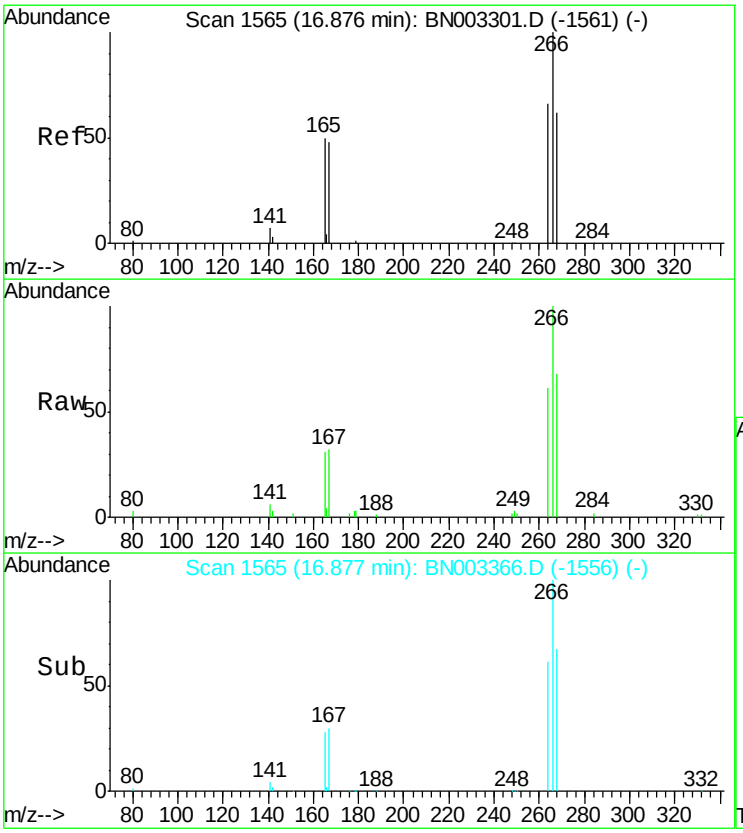
#21
Hexachlorobenzene
Concen: 0.405 ng
RT: 16.53 min Scan# 1532
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:284 Resp: 19472

Ion	Ratio	Lower	Upper
284	100		
142	36.2	29.7	44.5
249	30.1	24.0	36.0

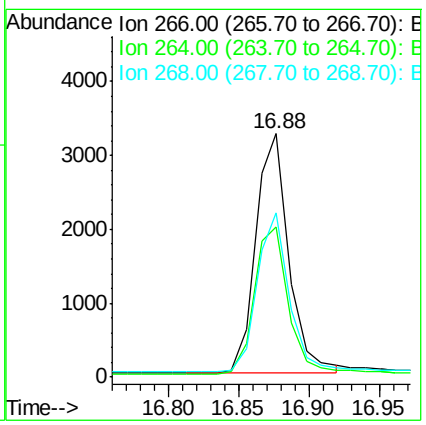


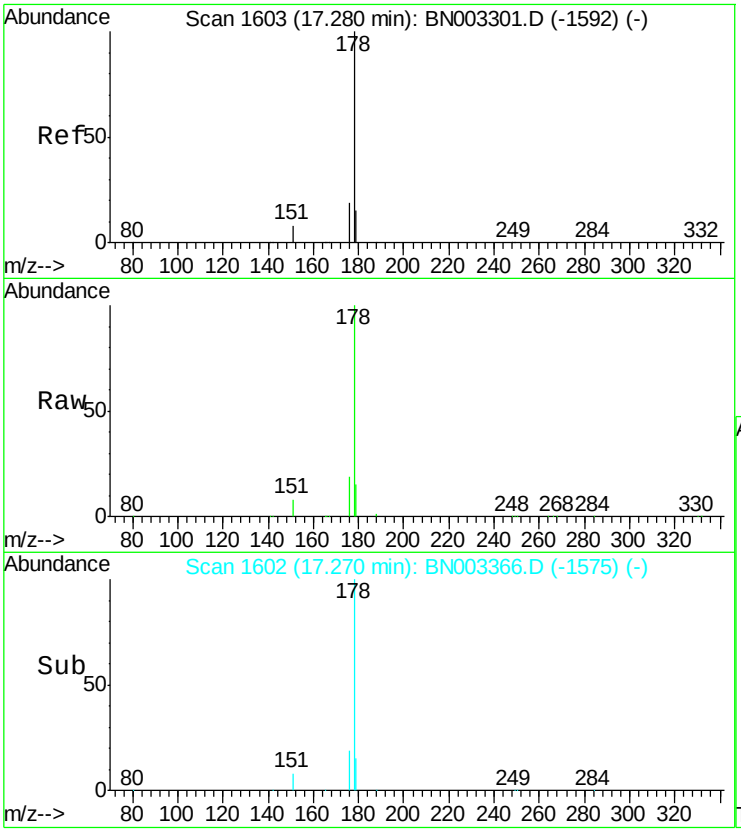


#22
Pentachlorophenol
Concen: 0.404 ng
RT: 16.88 min Scan# 1565
Delta R.T. 0.00 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:266 Resp: 5264

Ion	Ratio	Lower	Upper
266	100		
264	61.4	52.1	78.1
268	67.6	51.8	77.6



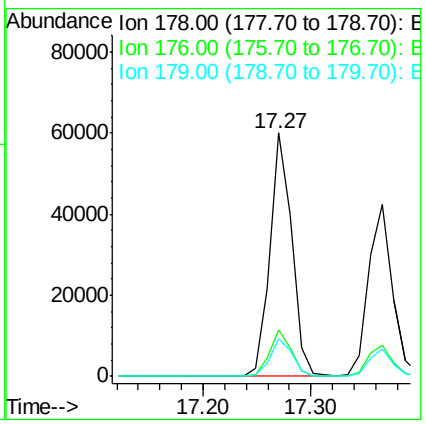


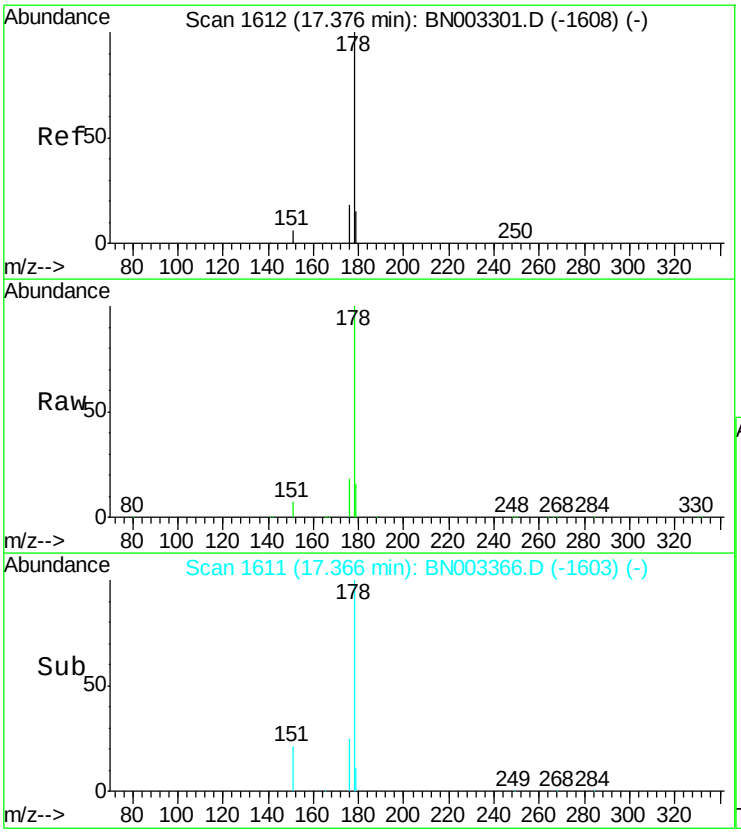
#23
Phenanthrene
Concen: 0.388 ng
RT: 17.27 min Scan# 1602
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:178 Resp: 83791

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.1	22.7
179	15.5	12.4	18.6

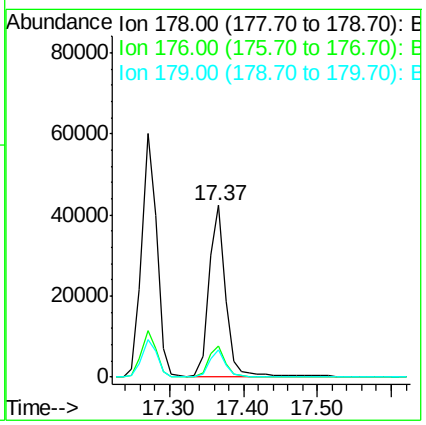


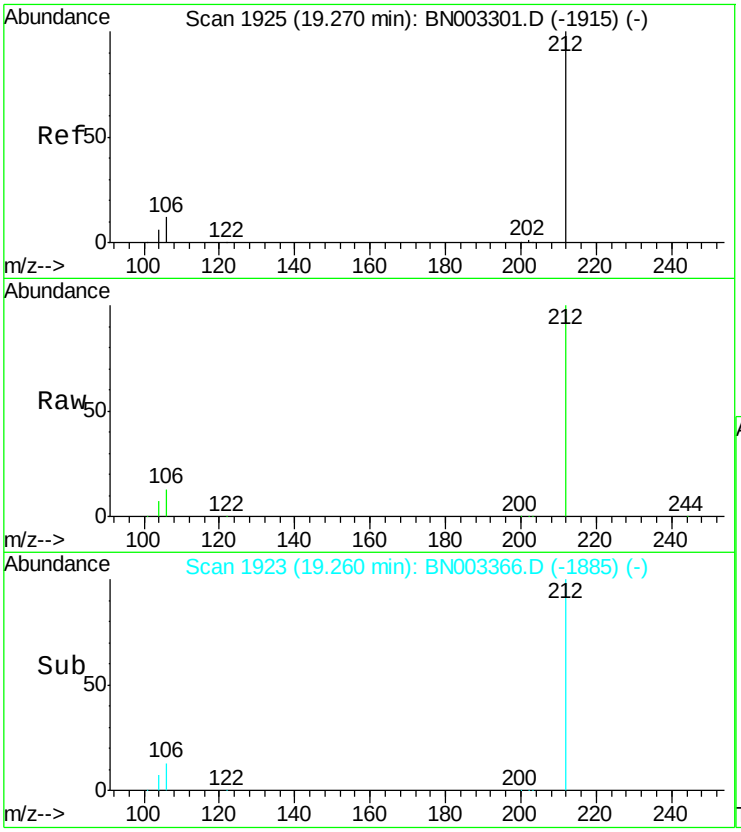


#24
Anthracene
Concen: 0.354 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:178 Resp: 65629

Ion	Ratio	Lower	Upper
178	100		
176	18.5	14.5	21.7
179	15.4	12.2	18.4



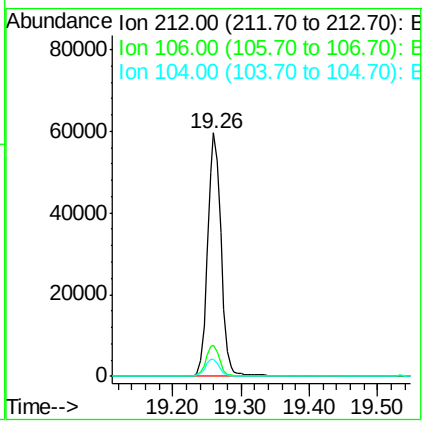


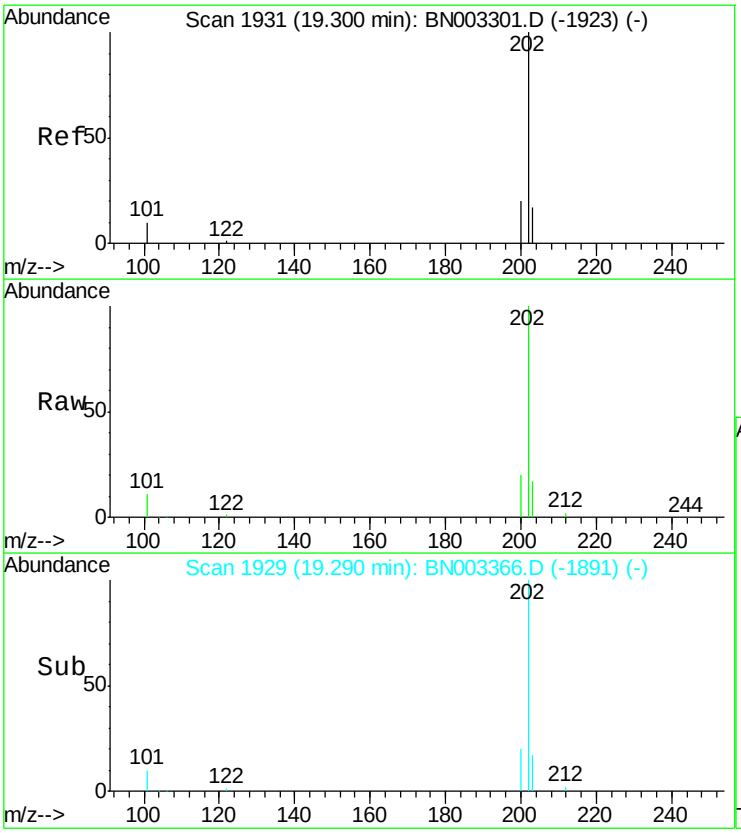
#25
Fluoranthene-d10
Concen: 0.358 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:212 Resp: 81947

Ion	Ratio	Lower	Upper
212	100		
106	12.9	10.3	15.5
104	7.1	5.6	8.4

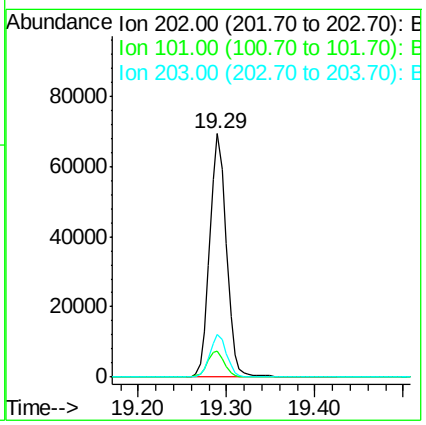


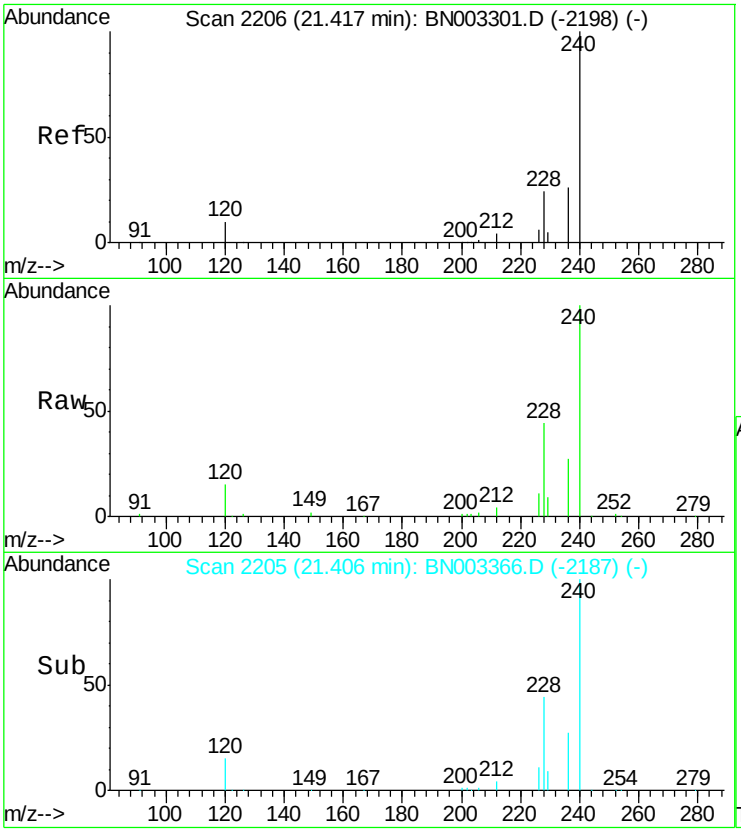


#26
Fluoranthene
Concen: 0.362 ng
RT: 19.29 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:202 Resp: 89811

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.0	13.4
203	17.2	13.8	20.6



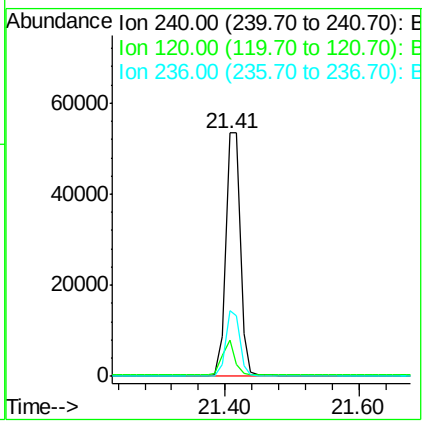


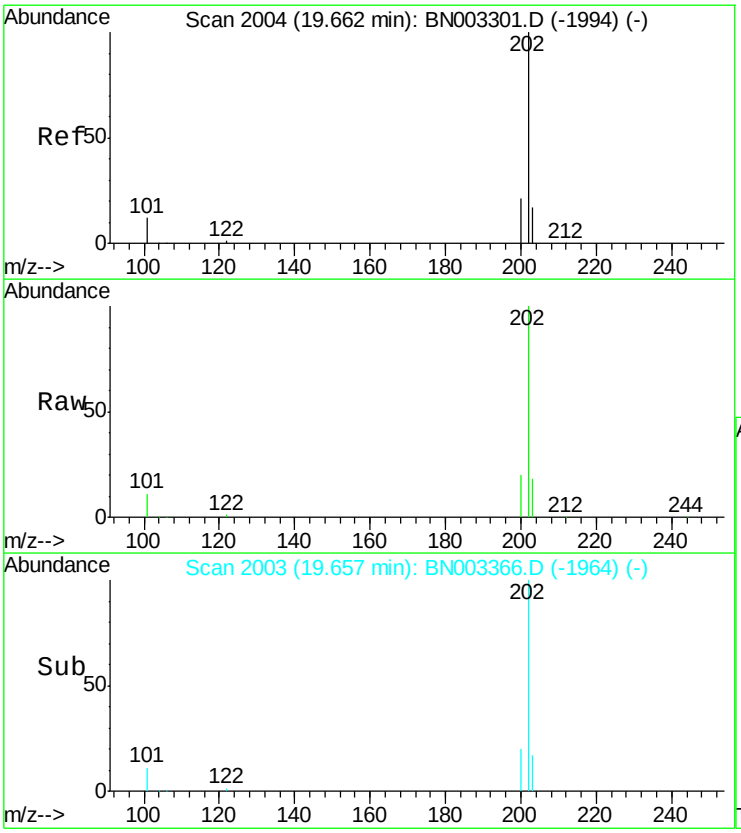
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.41 min Scan# 2205
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:240 Resp: 81392

Ion	Ratio	Lower	Upper
240	100		
120	15.1	9.3	13.9#
236	27.1	21.0	31.4

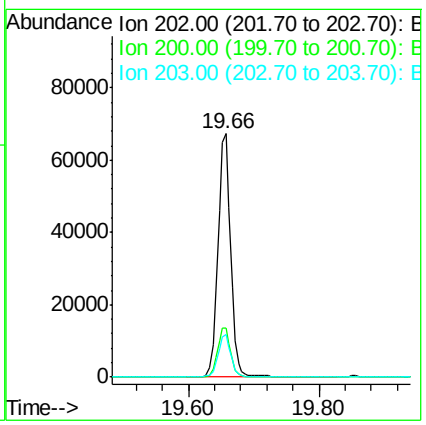


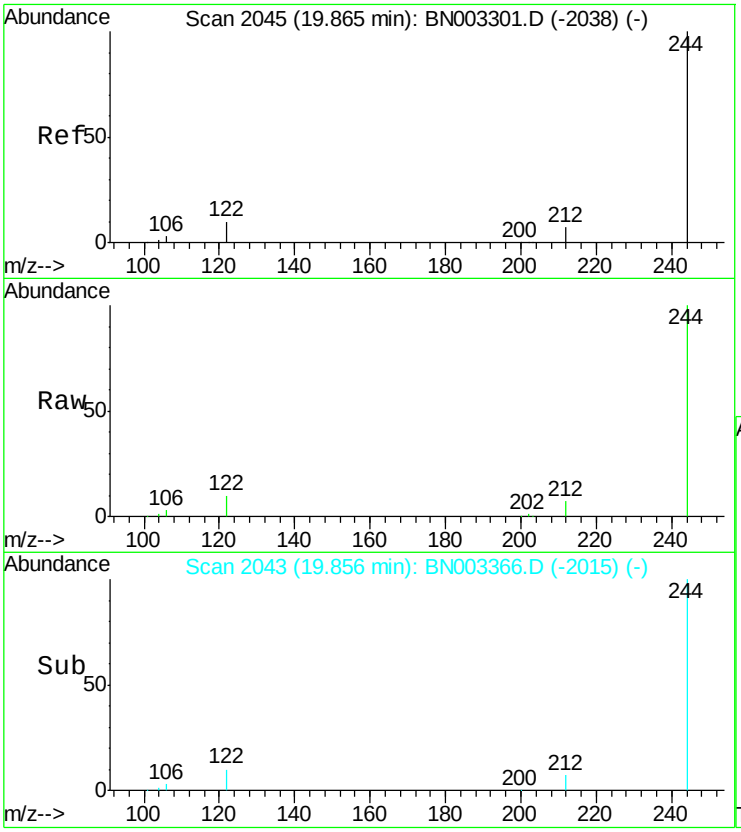


#28
Pyrene
Concen: 0.404 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:202 Resp: 91003

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	17.5	13.9	20.9



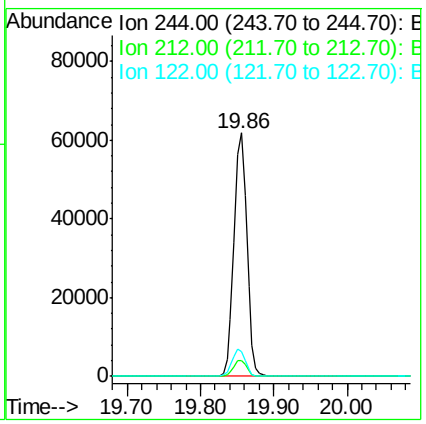


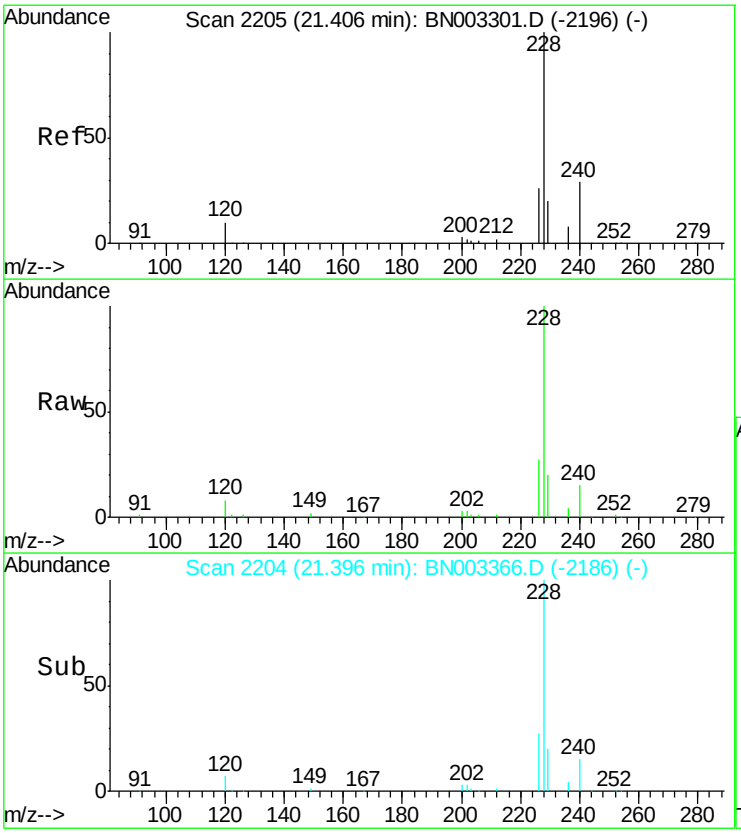
#29
Terphenyl-d14
Concen: 0.398 ng
RT: 19.86 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:244 Resp: 75337

Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.6	8.4
122	10.2	8.5	12.7

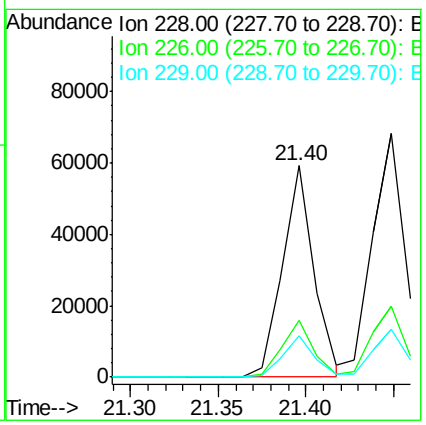


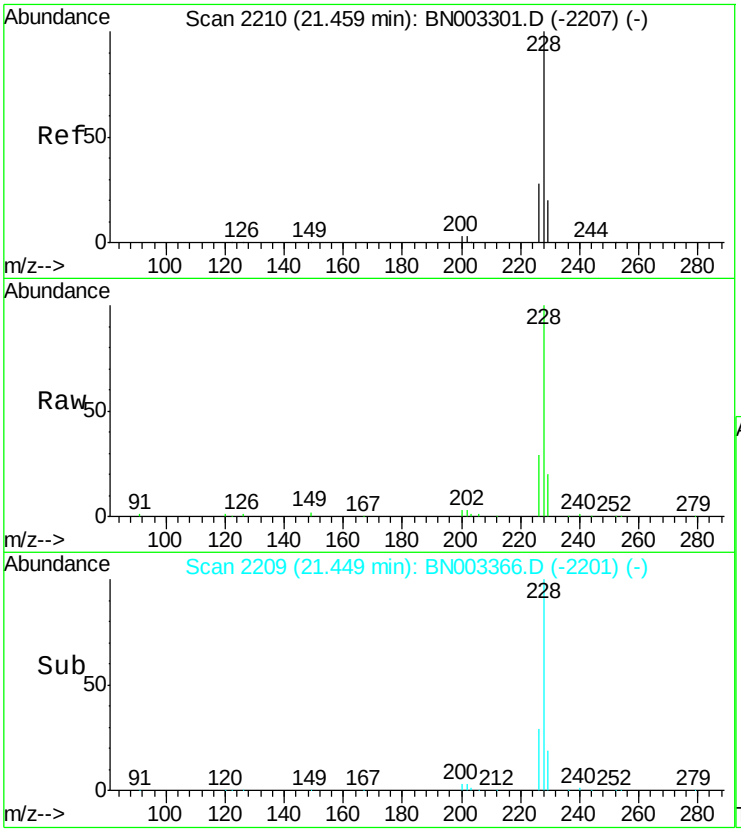


#30
Benzo(a)anthracene
Concen: 0.345 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:228 Resp: 73567

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.8	31.2
229	19.6	16.1	24.1



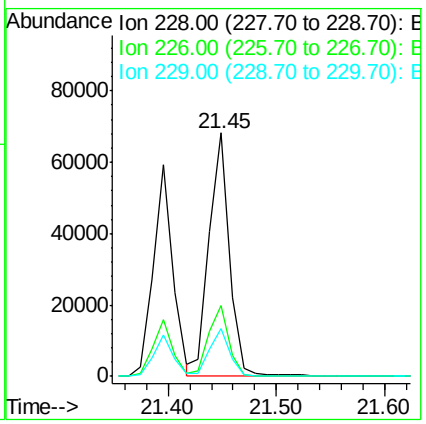


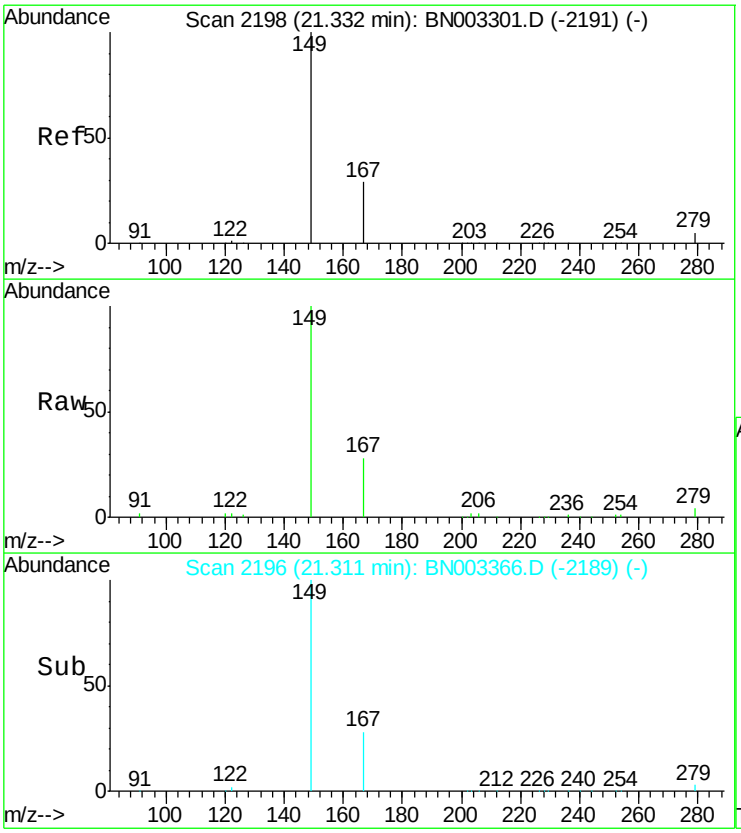
#31
Chrysene
Concen: 0.382 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:228 Resp: 87831

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.7	34.1
229	19.6	16.0	24.0

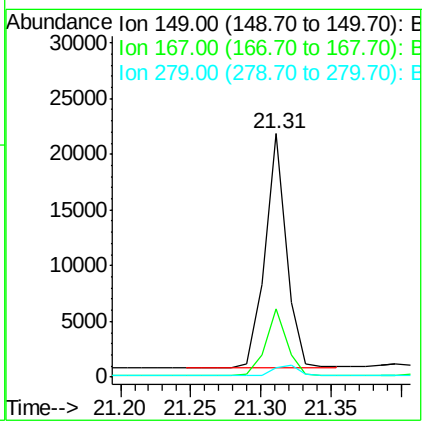


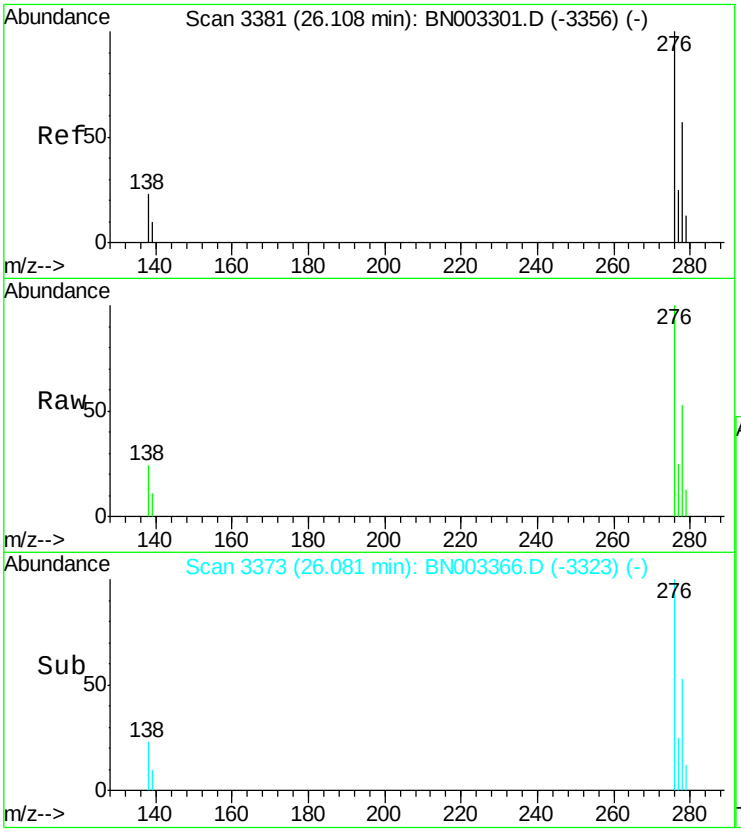


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.355 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:149 Resp: 22402

Ion	Ratio	Lower	Upper
149	100		
167	28.3	22.4	33.6
279	4.9	3.9	5.9



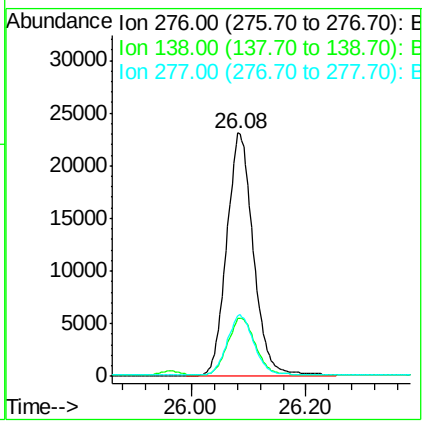


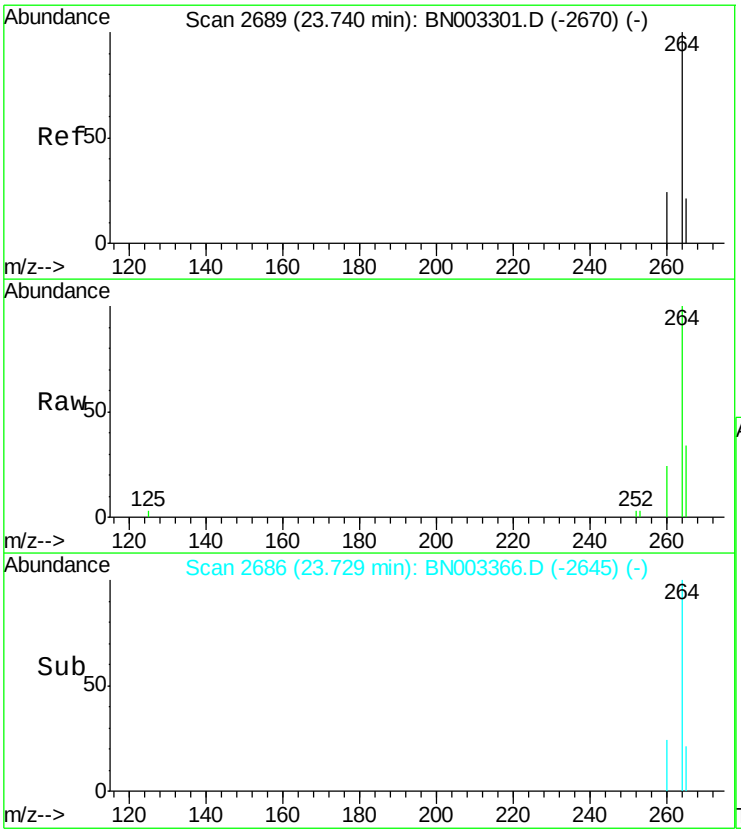
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.313 ng
RT: 26.08 min Scan# 3373
Delta R.T. -0.03 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 74472

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.6	30.8
277	25.2	20.0	30.0

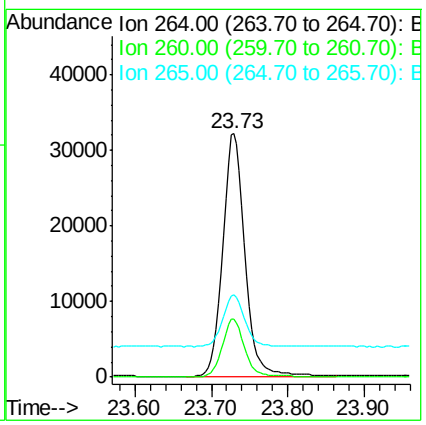


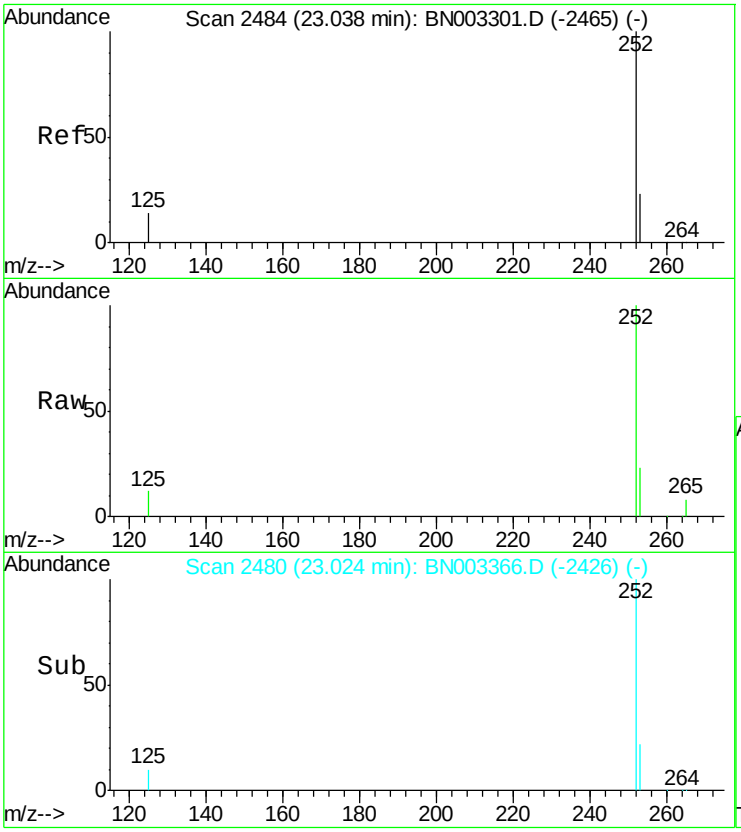


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2686
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:264 Resp: 65747

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	33.8	26.4	39.6



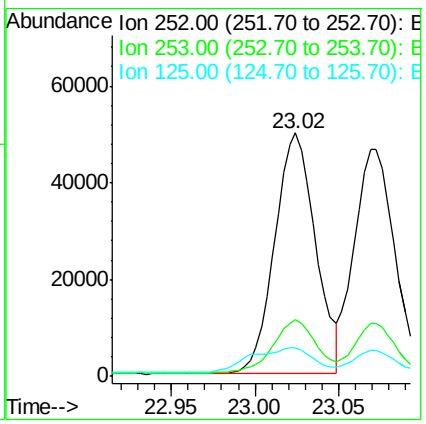


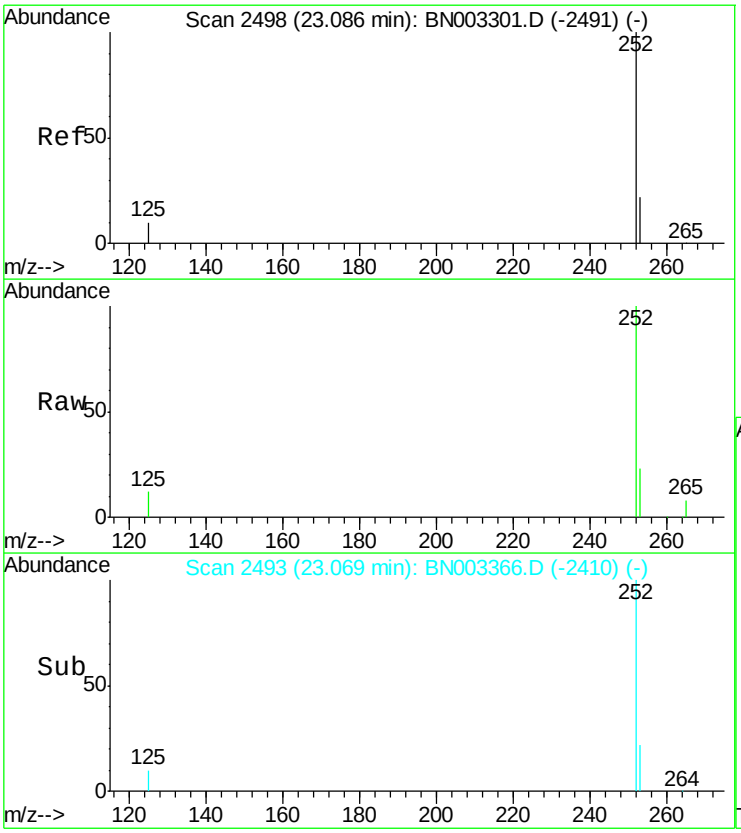
#35
Benzo(b)fluoranthene
Concen: 0.411 ng
RT: 23.02 min Scan# 2480
Delta R.T. -0.01 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 84368

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.3	28.9
125	11.5	12.7	19.1#

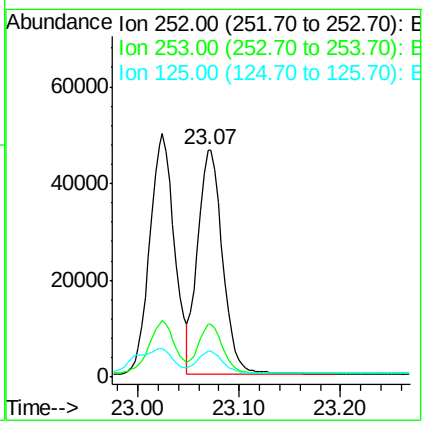


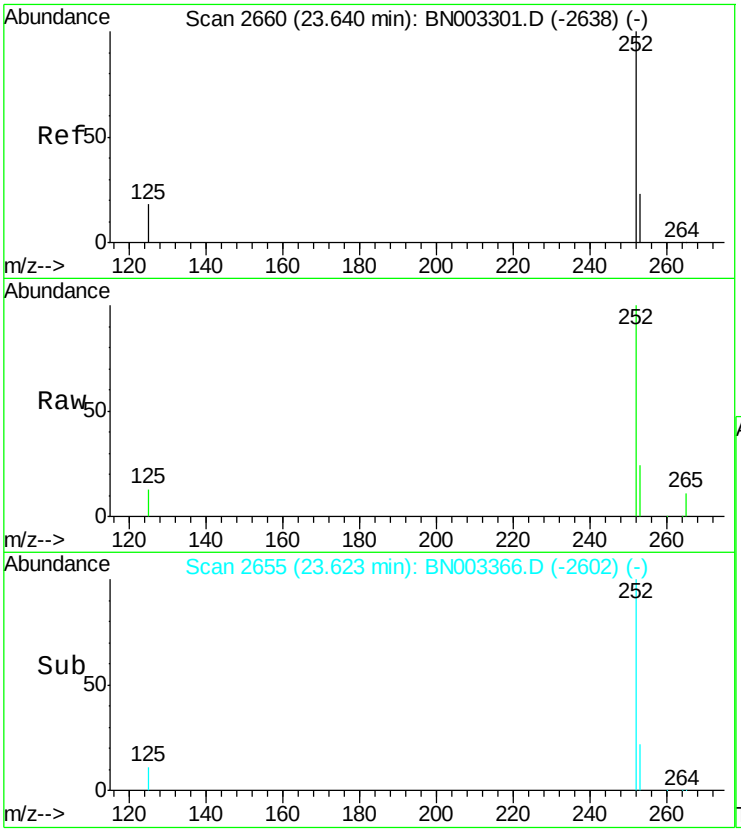


#36
Benzo(k)fluoranthene
Concen: 0.388 ng
RT: 23.07 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:252 Resp: 78874

Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.5	27.7
125	11.6	9.1	13.7



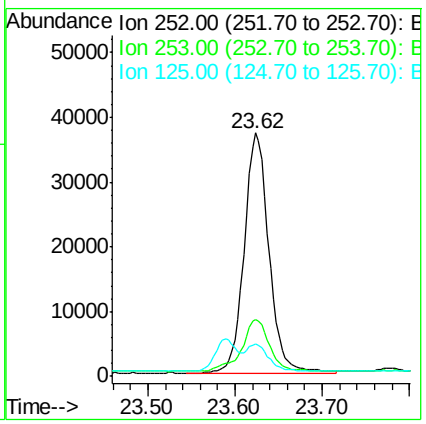


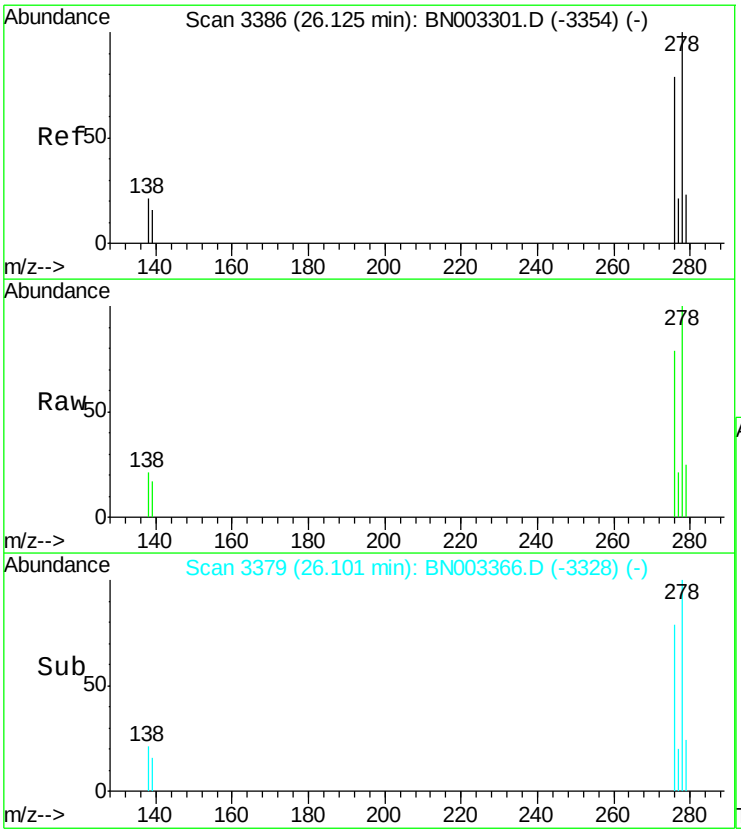
#37
Benzo(a)pyrene
Concen: 0.390 ng
RT: 23.62 min Scan# 2655
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:252 Resp: 72785

Ion	Ratio	Lower	Upper
252	100		
253	23.5	20.1	30.1
125	13.2	16.0	24.0#

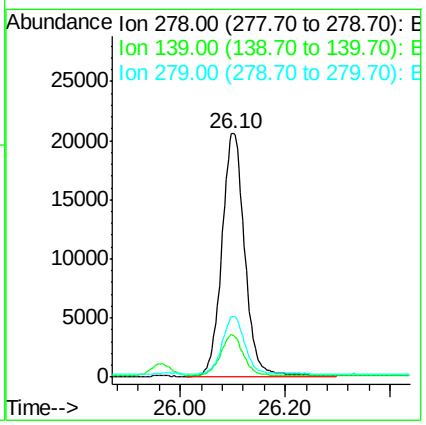


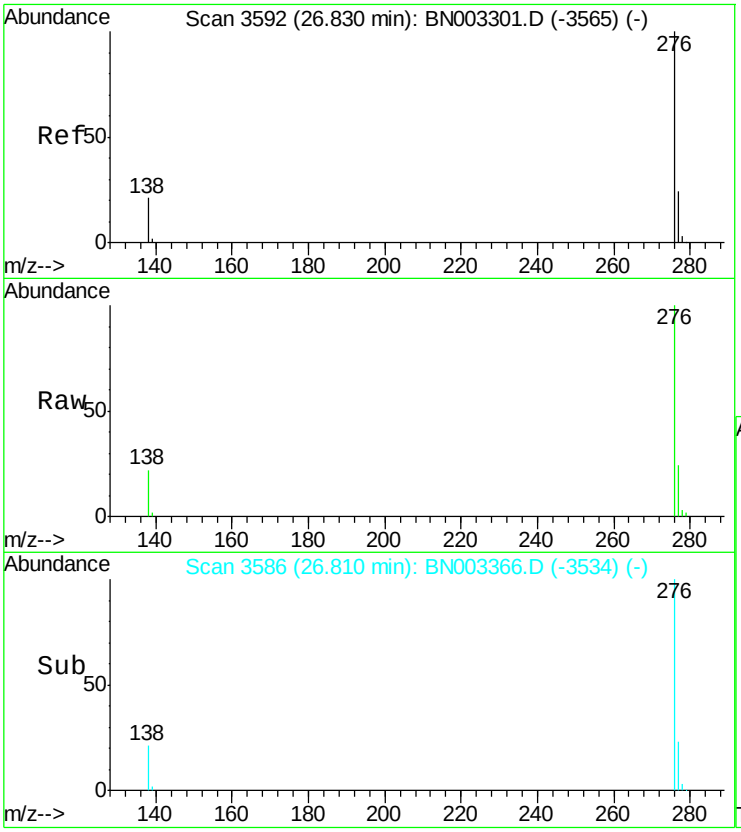


#38
Dibenzo(a,h)anthracene
Concen: 0.357 ng
RT: 26.10 min Scan# 3379
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Tgt Ion:278 Resp: 62166

Ion	Ratio	Lower	Upper
278	100		
139	16.8	13.5	20.3
279	24.9	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.348 ng
RT: 26.81 min Scan# 3586
Delta R.T. -0.02 min
Lab File: BN003366.D
Acq: 31 Oct 2018 11:08

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Tgt Ion:276 Resp: 60494

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.5	29.3
138	21.7	17.4	26.2