Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003303.D
Acq On : 26 Oct 2018 14:10
Operator : MJ/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Oct 26 14:57:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 13:42:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	12152	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	51971	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	31423	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	73344	0.40	ng		0.00
27) Chrysene-d12	21.42	240	86908	0.40	ng		0.00
34) Perylene-d12	23.74	264	76786	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	45221	2.10	ng		0.00
5) Phenol-d6	7.02	99	56823	1.70	ng		0.00
8) Nitrobenzene-d5	9.02	82	35813	1.12	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	132888	1.55	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	18638	1.02	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	195473	1.61	ng		-0.01
25) Fluoranthene-d10	19.27	212	337993	1.56	ng		0.00
29) Terphenyl-d14	19.87	244	296373	1.46	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	24380	1.333	ng		98
3) n-Nitrosodimethylamine	3.67	42	13857	2.616	ng	#	98
6) bis(2-Chloroethyl)ether	7.30	93	54058	1.468	ng		96
9) Naphthalene	10.72	128	199588	1.538	ng		99
10) Hexachlorobutadiene	10.99	225	36103	1.394	ng	#	99
12) 2-Methylnaphthalene	12.32	142	140282	1.594	ng		99
16) Acenaphthylene	14.22	152	221369	1.566	ng		100
17) Acenaphthene	14.56	154	152253	1.598	ng		99
18) Fluorene	15.55	166	190756	1.559	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	67930	1.516	ng	#	70
21) Hexachlorobenzene	16.54	284	71566	1.502	ng		100
22) Pentachlorophenol	16.88	266	22425	3.652	ng		98
23) Phenanthrene	17.28	178	316651	1.630	ng		100
24) Anthracene	17.38	178	278308	1.612	ng		100
26) Fluoranthene	19.30	202	369902	1.555	ng		100
28) Pyrene	19.66	202	371661	1.482	ng		100
30) Benzo(a)anthracene	21.41	228	358268	1.745	ng		100
31) Chrysene	21.46	228	381489	1.328	ng		100
32) Bis(2-ethylhexyl)phthalate	21.33	149	107934	0.856	ng		100
33) Indeno(1,2,3-cd)pyrene	26.11	276	401805	1.629	ng		99
35) Benzo(b)fluoranthene	23.04	252	377117	1.828	ng	#	93
36) Benzo(k)fluoranthene	23.09	252	383800	1.531	ng		98
37) Benzo(a)pyrene	23.64	252	344729	1.595	ng	#	89
38) Dibenzo(a,h)anthracene	26.13	278	331899	1.764	ng		98
39) Benzo(g,h,i)perylene	26.83	276	330138	1.720	ng		99

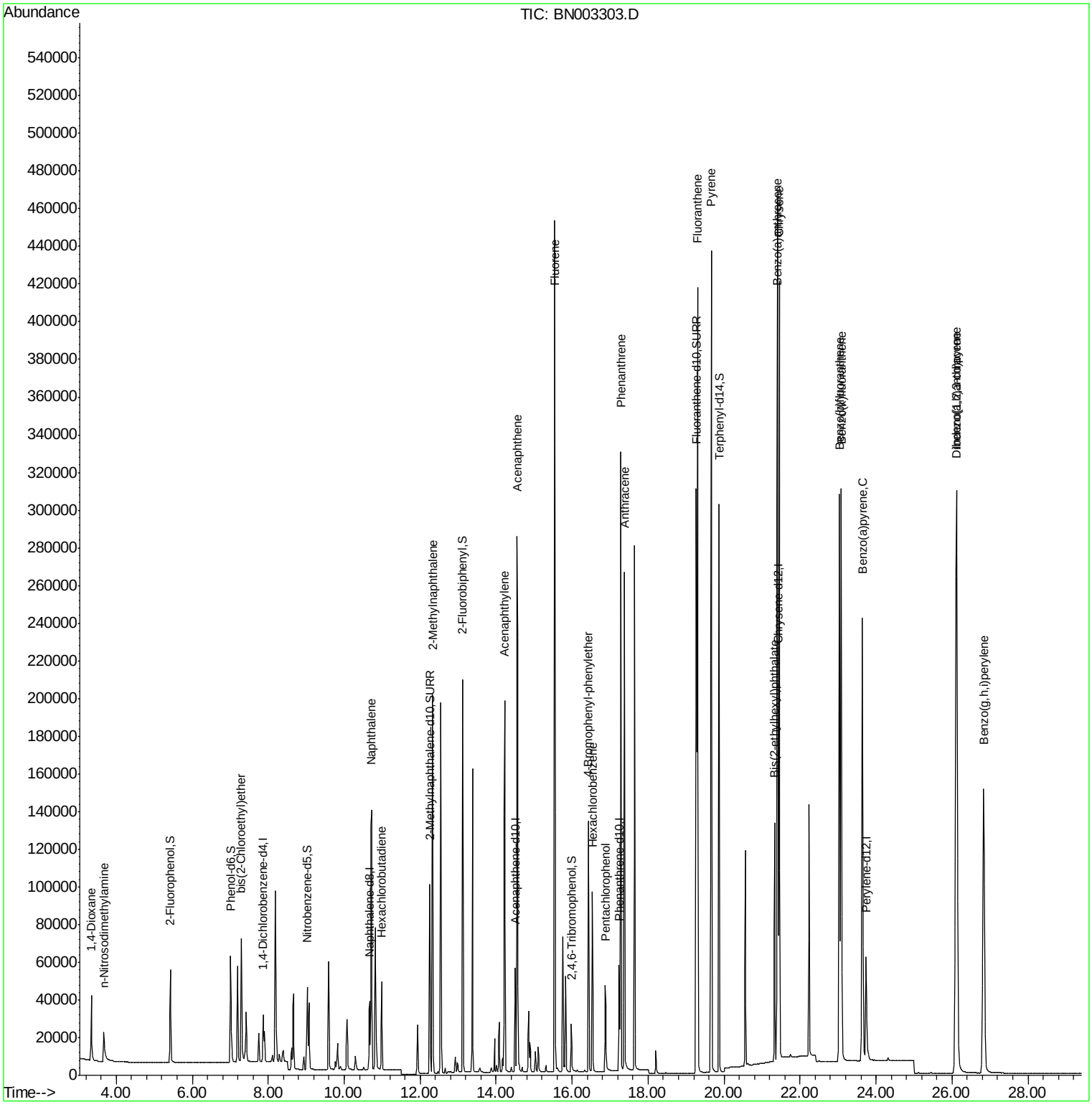
(#) = qualifier out of range (m) = manual integration (+) = signals summed

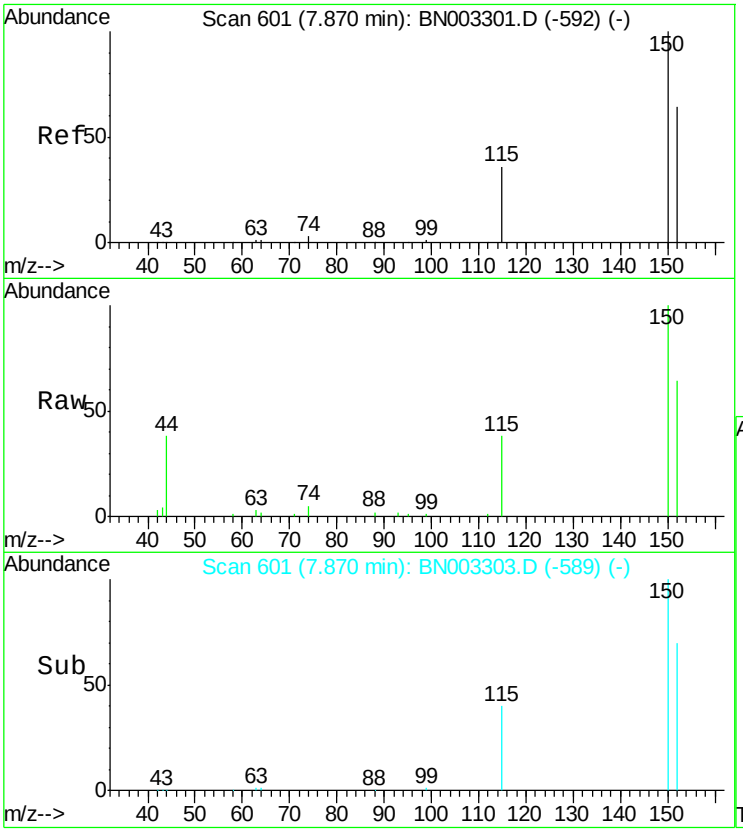
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003303.D
Acq On : 26 Oct 2018 14:10
Operator : MJ/SJ
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Oct 26 14:57:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 26 13:42:21 2018
Response via : Initial Calibration



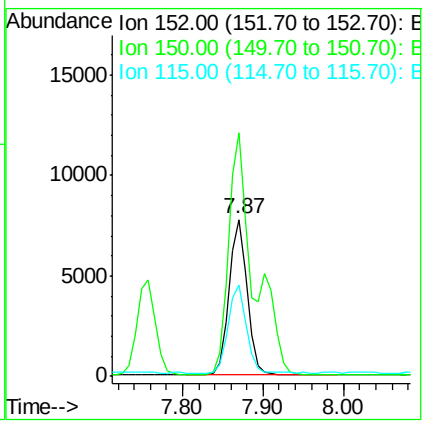


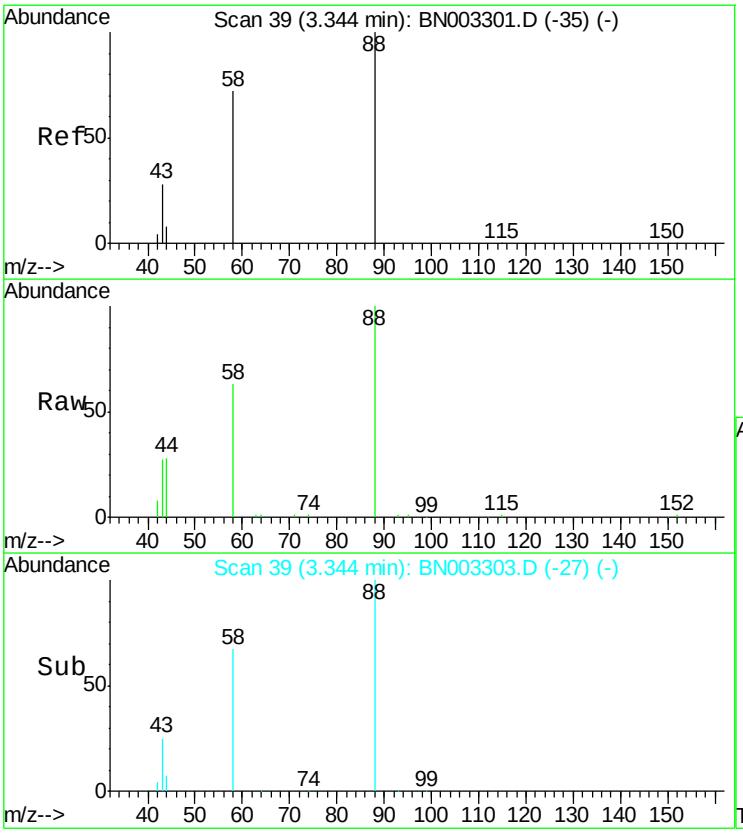
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 12152

Ion	Ratio	Lower	Upper
152	100		
150	155.3	124.6	187.0
115	58.3	46.4	69.6

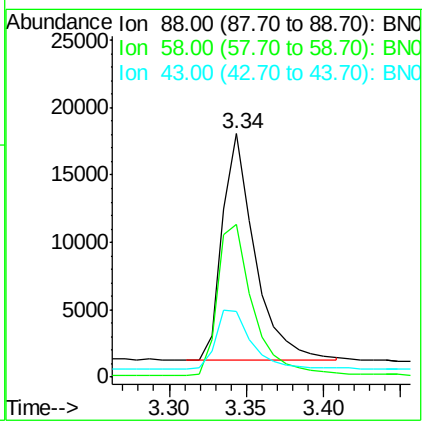


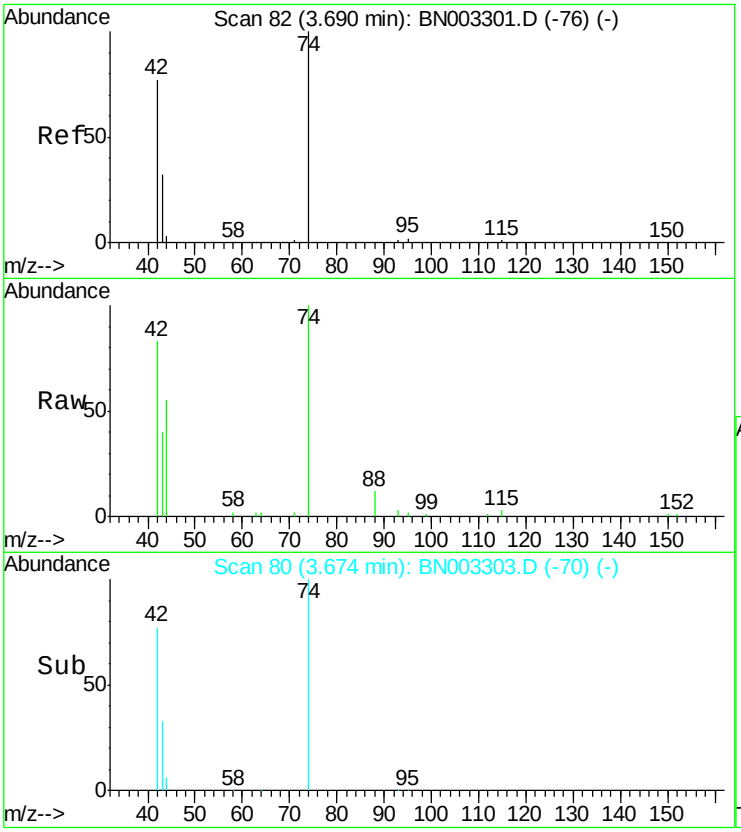


#2
1,4-Dioxane
Concen: 1.333 ng
RT: 3.34 min Scan# 39
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion: 88 Resp: 24380

Ion	Ratio	Lower	Upper
88	100		
58	73.9	60.9	91.3
43	28.6	23.9	35.9



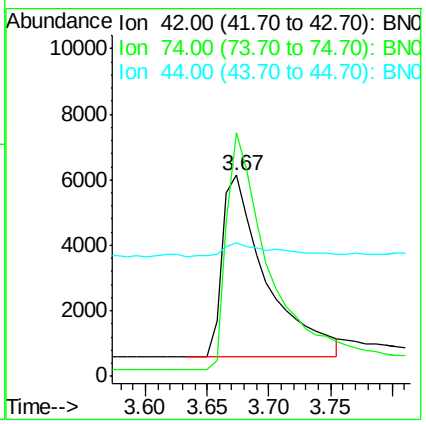


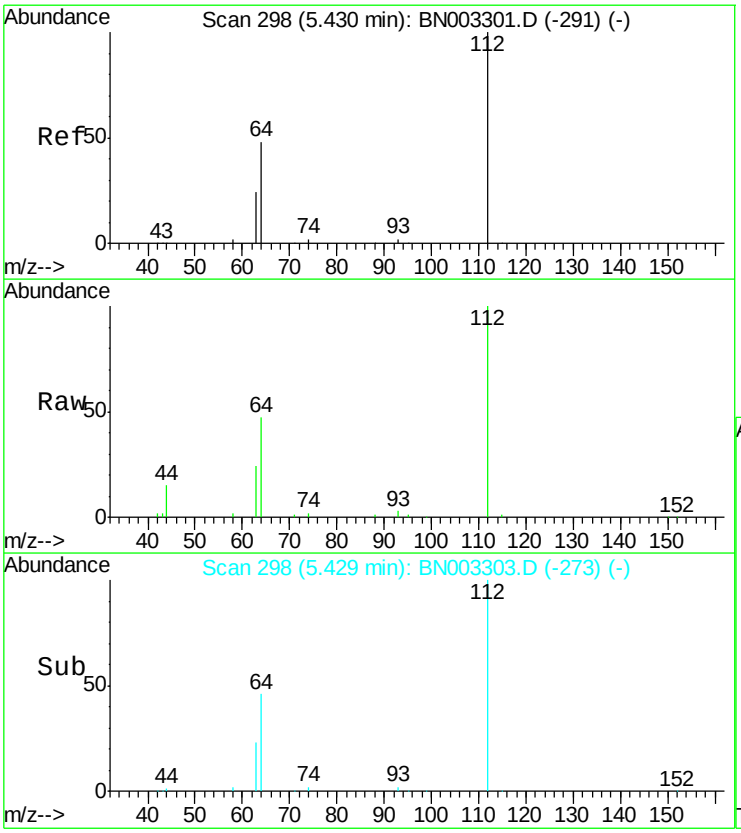
#3
n-Nitrosodimethylamine
Concen: 2.616 ng
RT: 3.67 min Scan# 80
Delta R.T. -0.02 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 42 Resp: 13857

Ion	Ratio	Lower	Upper
42	100		
74	125.4	99.1	148.7
44	8.5	4.2	6.4#

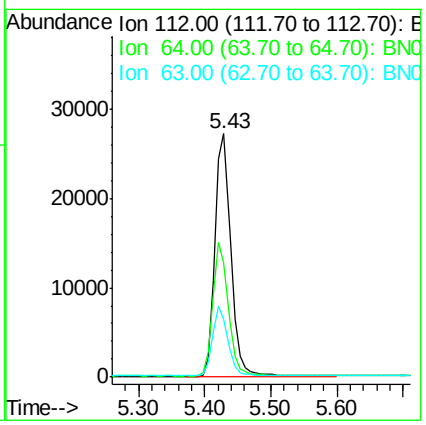


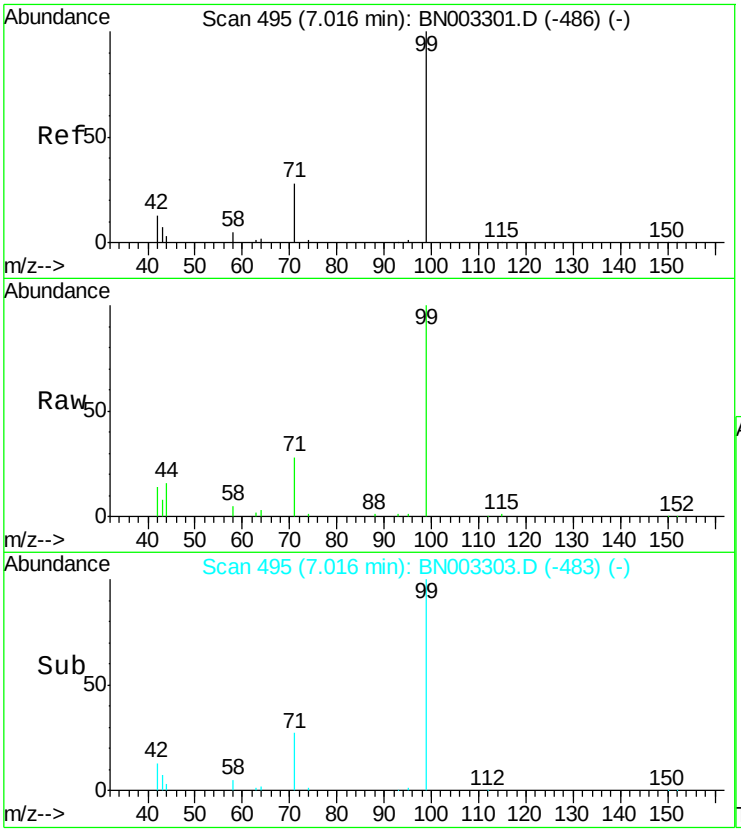


#4
2-Fluorophenol
Concen: 2.102 ng
RT: 5.43 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:112 Resp: 45221

Ion	Ratio	Lower	Upper
112	100		
64	54.4	44.3	66.5
63	28.1	22.4	33.6



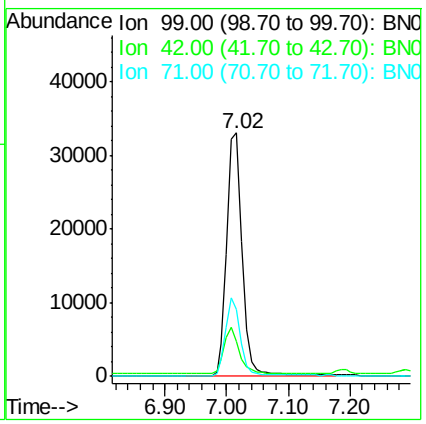


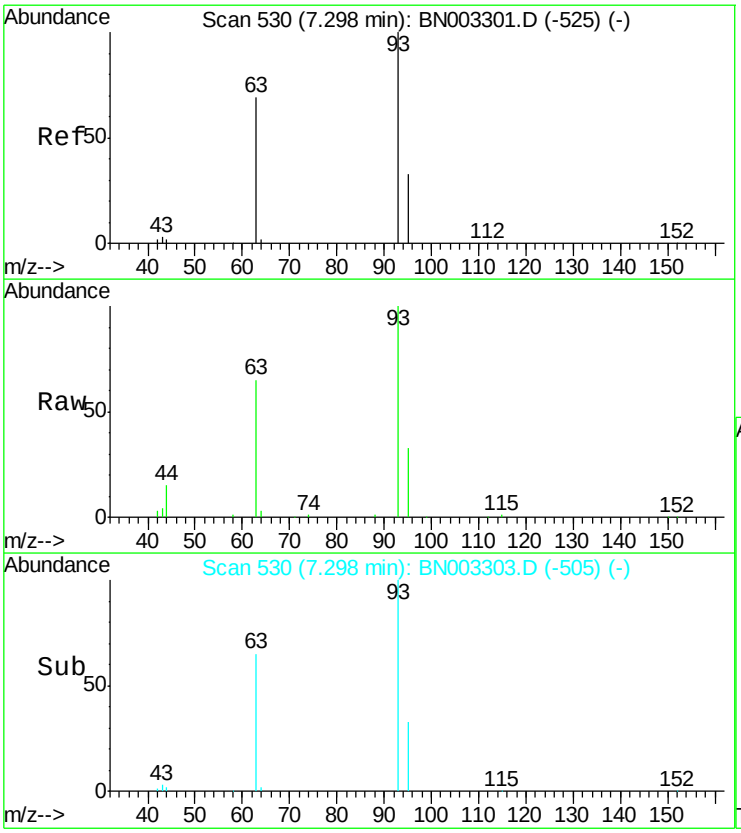
#5
Phenol-d6
Concen: 1.698 ng
RT: 7.02 min Scan# 495
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion: 99 Resp: 56823

Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.8	22.2
71	30.9	24.8	37.2

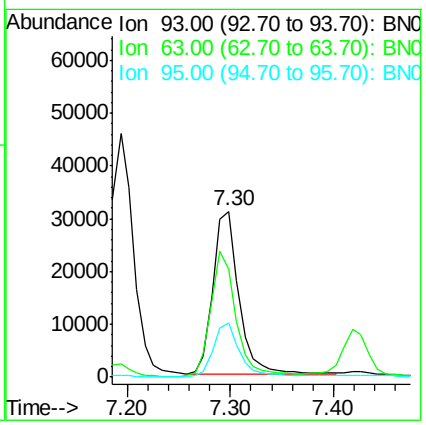


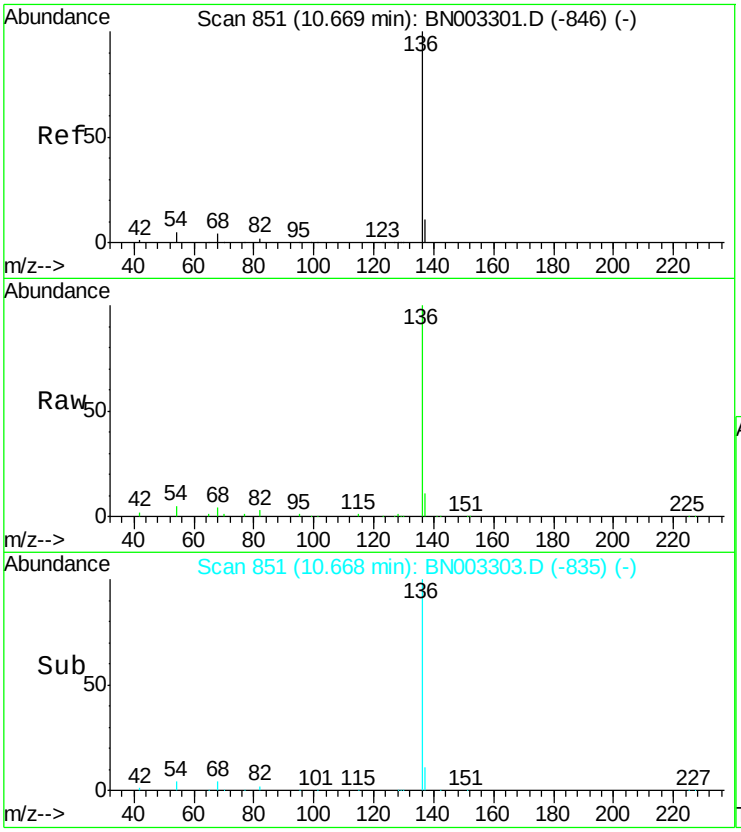


#6
bis(2-Chloroethyl)ether
Concen: 1.468 ng
RT: 7.30 min Scan# 530
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion: 93 Resp: 54058

Ion	Ratio	Lower	Upper
93	100		
63	74.3	55.8	83.6
95	32.8	25.4	38.2



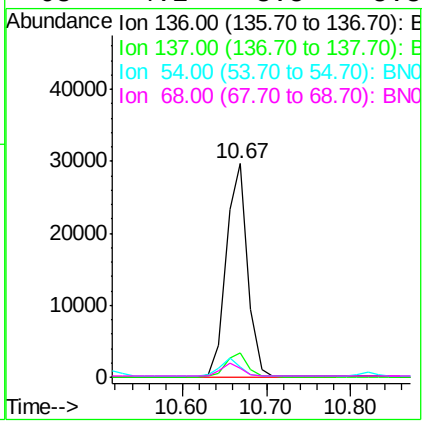


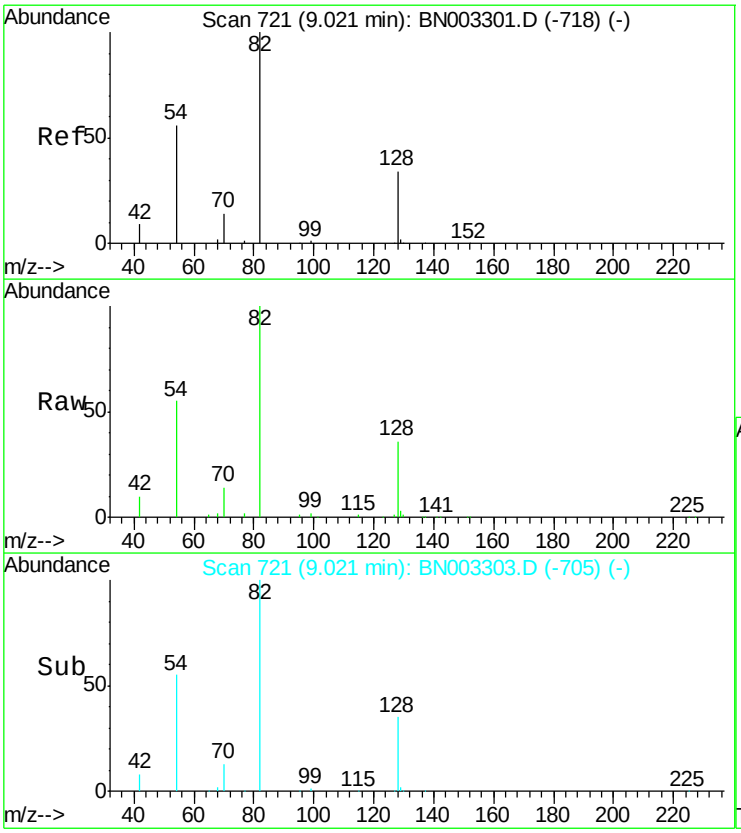
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 851
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:136 Resp: 51971

Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.0	13.4
54	4.9	4.1	6.1
68	4.2	3.5	5.3

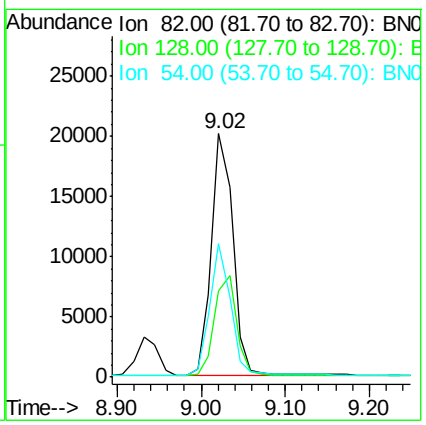


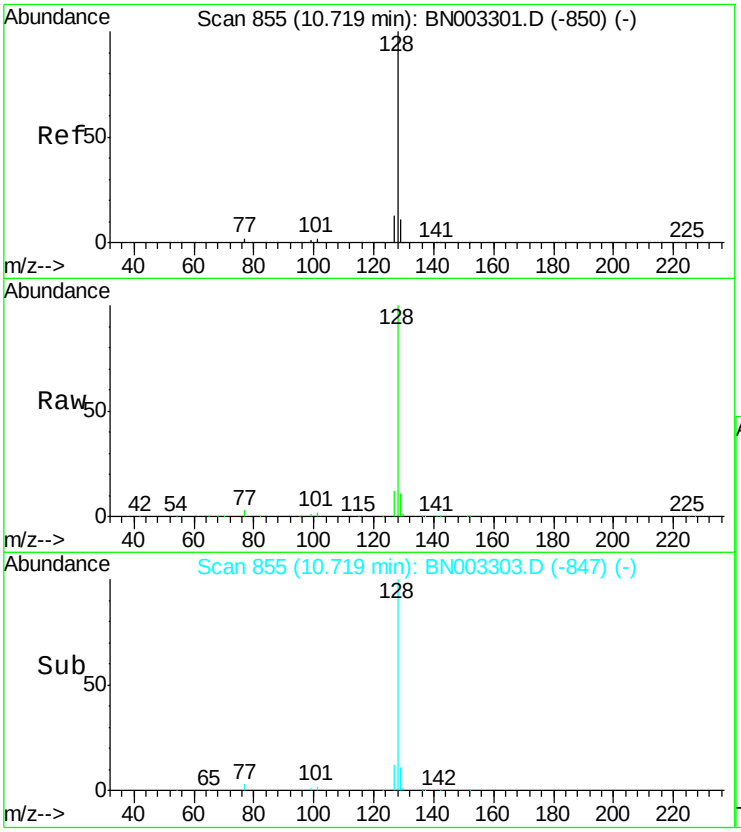


#8
Nitrobenzene-d5
Concen: 1.125 ng
RT: 9.02 min Scan# 721
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion: 82 Resp: 35813

Ion	Ratio	Lower	Upper
82	100		
128	35.6	28.9	43.3
54	55.0	46.1	69.1



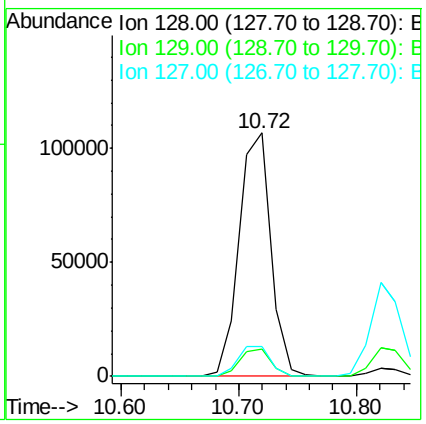


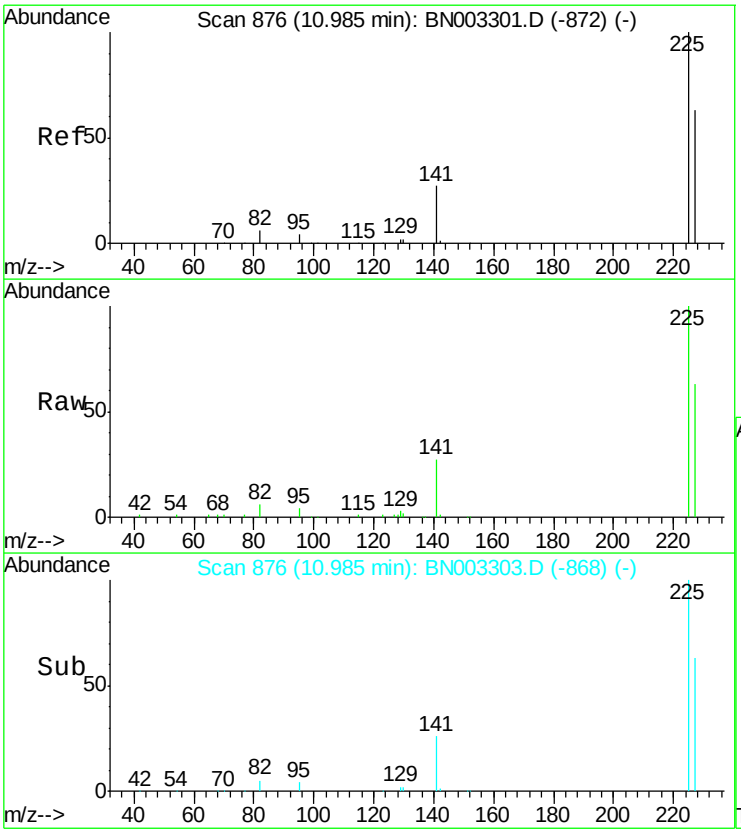
#9
Naphthalene
Concen: 1.538 ng
RT: 10.72 min Scan# 855
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:128 Resp: 199588

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.1	13.7
127	12.5	10.2	15.4

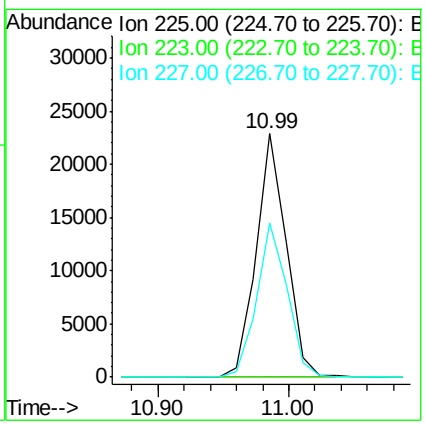


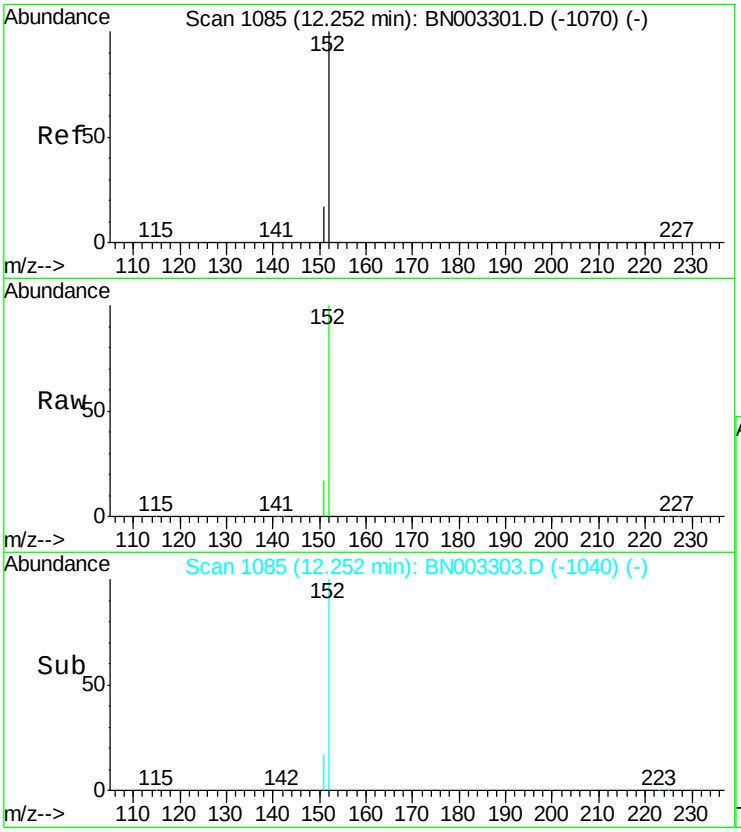


#10
Hexachlorobutadiene
Concen: 1.394 ng
RT: 10.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:225 Resp: 36103

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.7	51.3	76.9



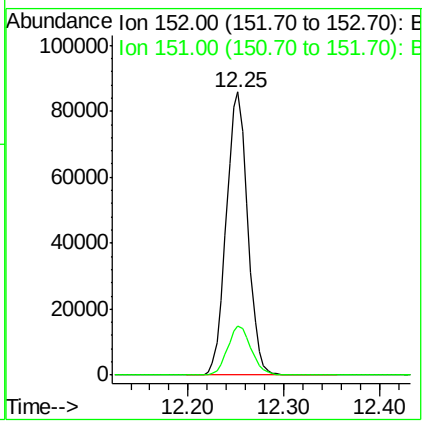


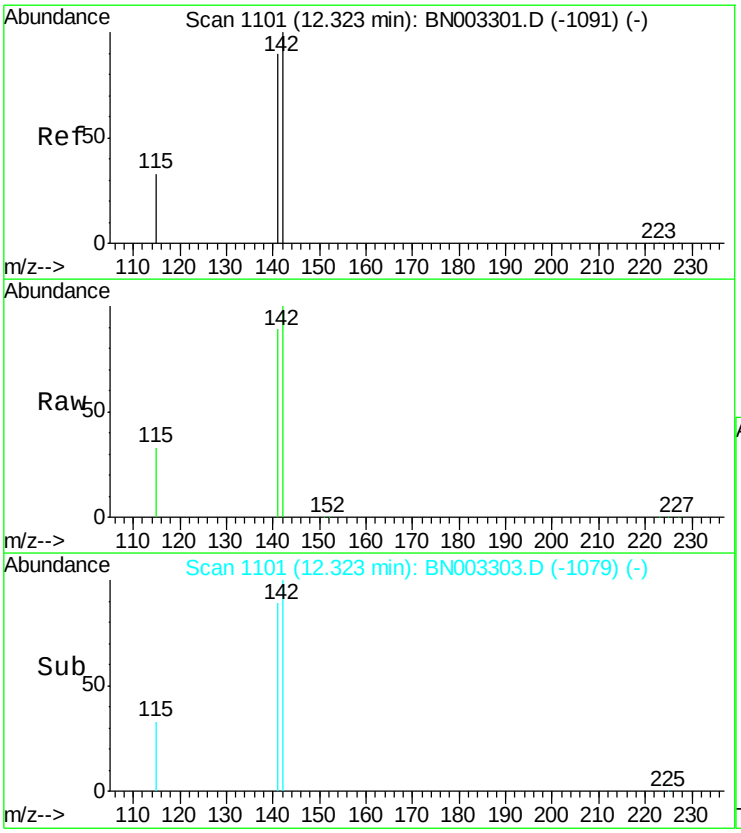
#11
2-Methylnaphthalene-d10
Concen: 1.548 ng
RT: 12.25 min Scan# 1085
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:152 Resp: 132888

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.1	22.7

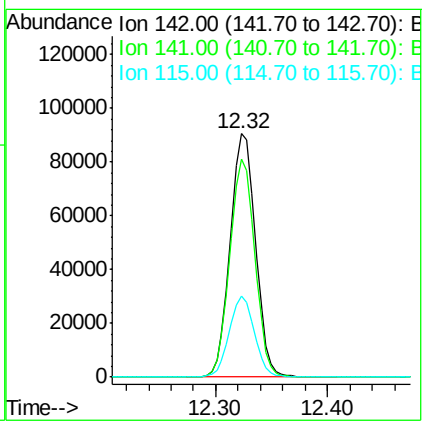


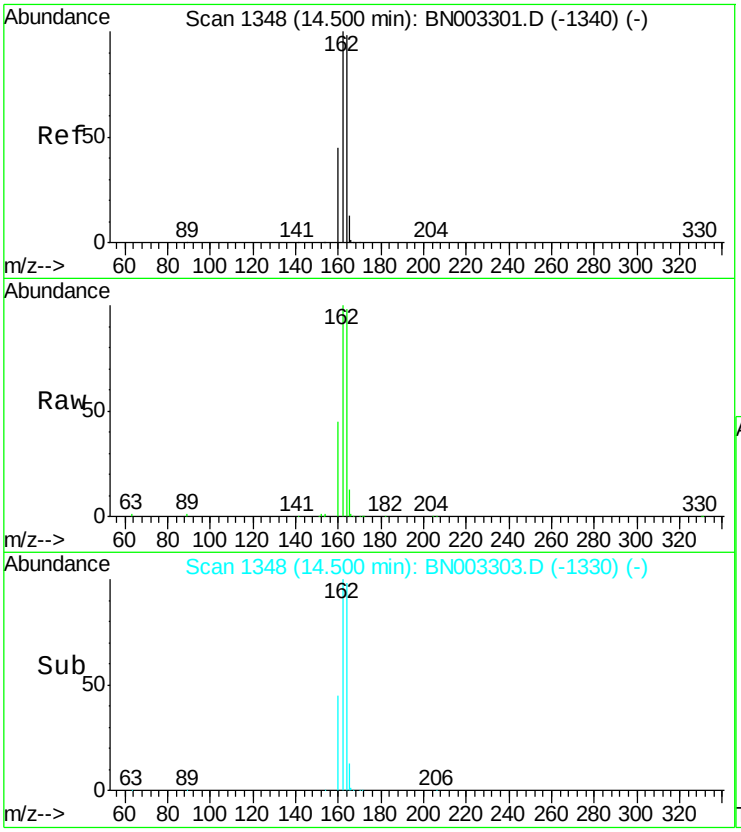


#12
2-Methylnaphthalene
Concen: 1.594 ng
RT: 12.32 min Scan# 1101
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:142 Resp: 140282

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.9	107.9
115	33.2	27.0	40.6



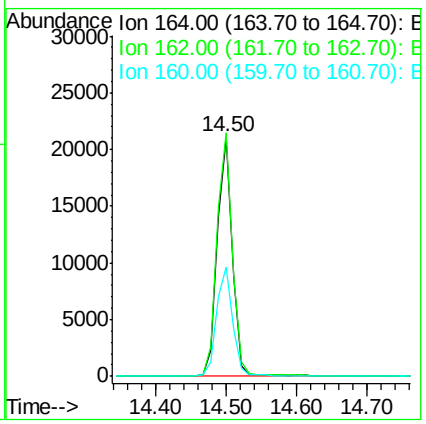


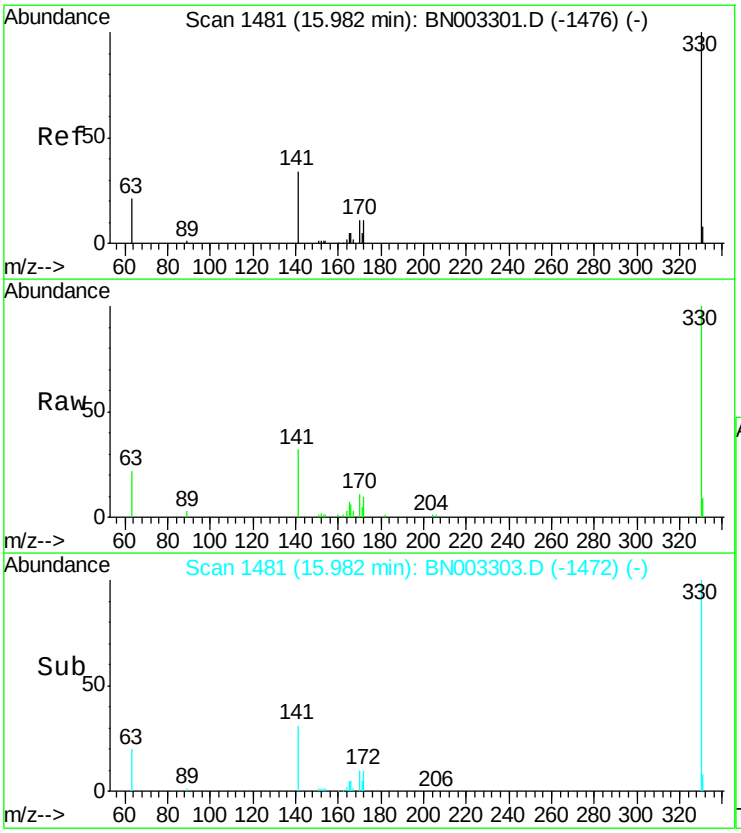
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:164 Resp: 31423

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.8	122.6
160	46.0	37.2	55.8

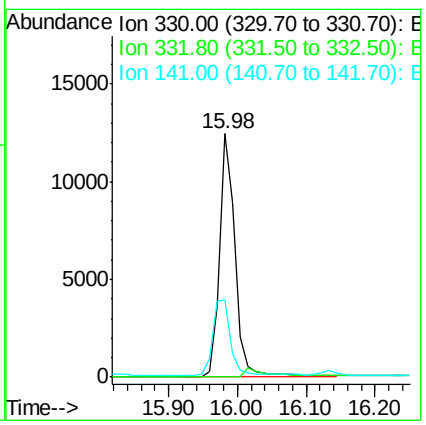


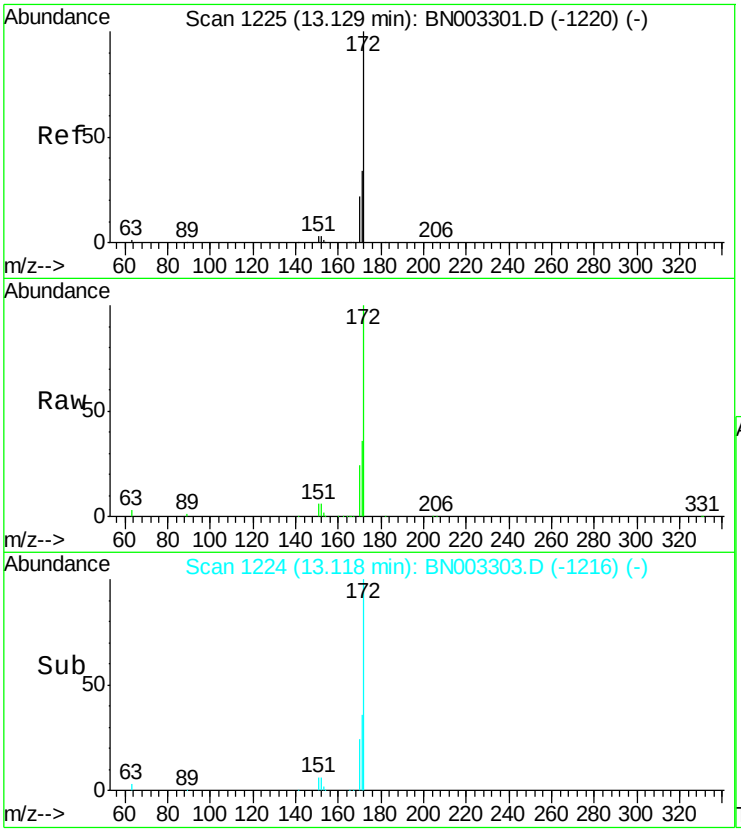


#14
2,4,6-Tribromophenol
Concen: 1.021 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:330 Resp: 18638

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.7	28.3	42.5



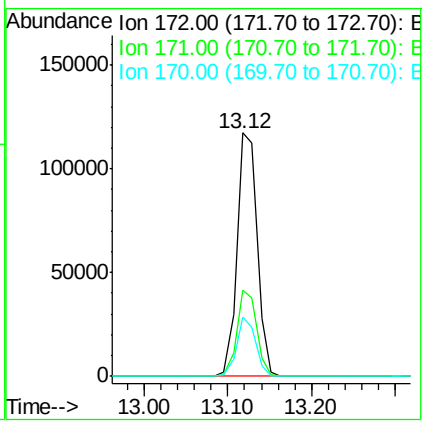


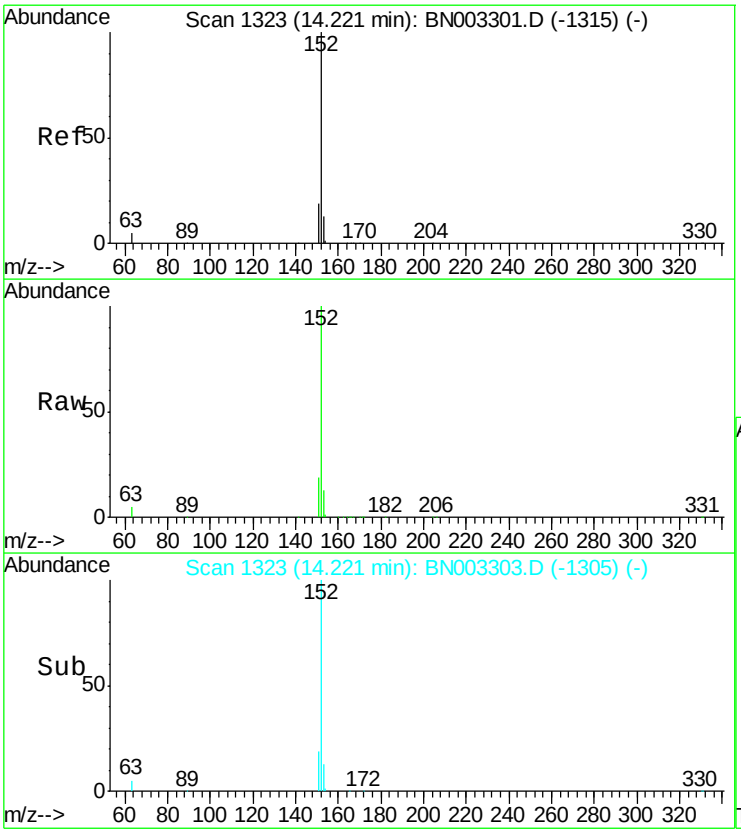
#15
2-Fluorobiphenyl
Concen: 1.608 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:172 Resp: 195473

Ion	Ratio	Lower	Upper
172	100		
171	35.7	27.1	40.7
170	24.2	17.4	26.0

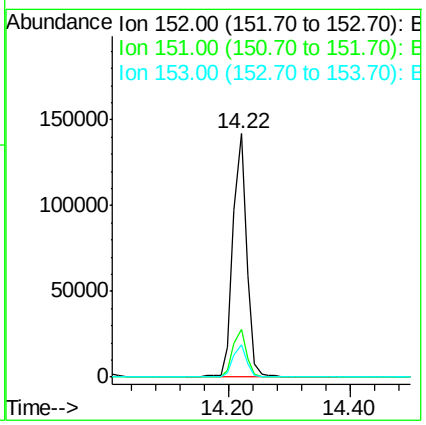


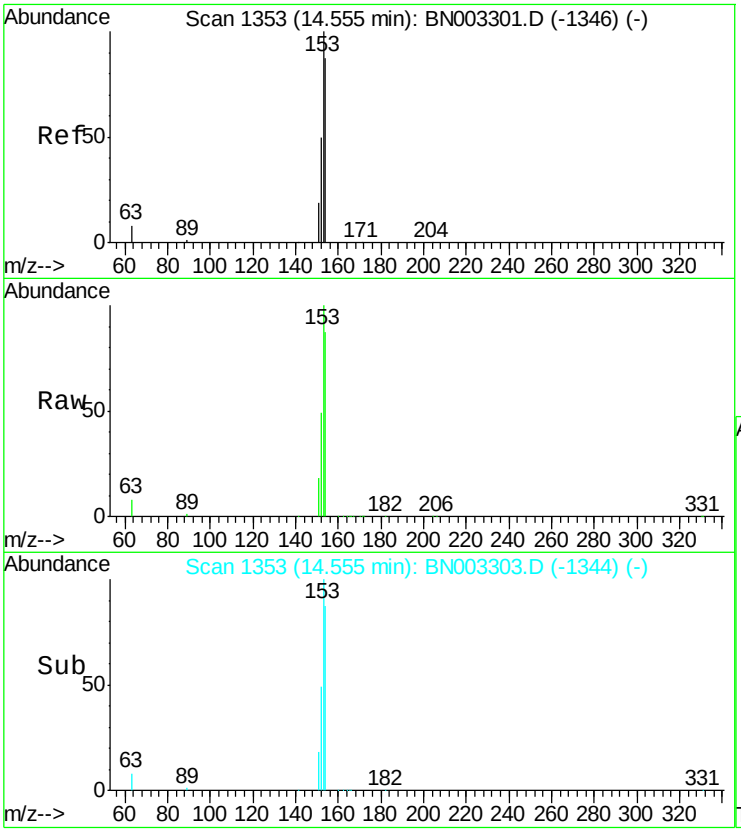


#16
Acenaphthylene
Concen: 1.566 ng
RT: 14.22 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:152 Resp: 221369

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.7	23.5
153	13.1	10.6	15.8



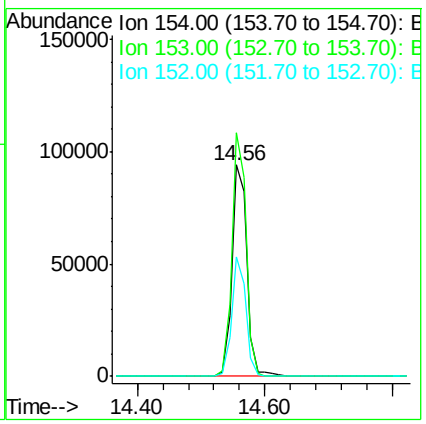


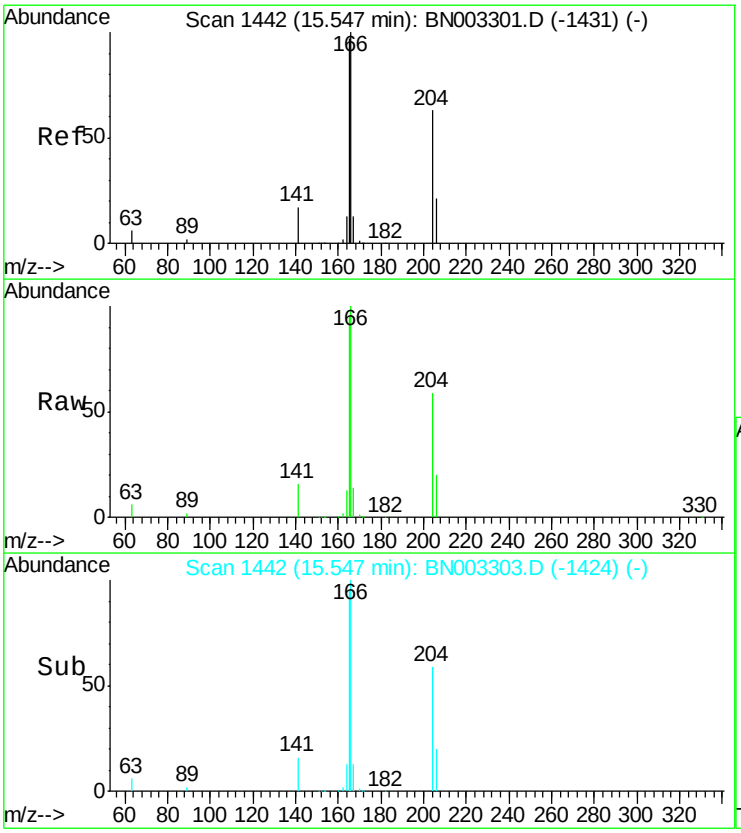
#17
Acenaphthene
Concen: 1.598 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:154 Resp: 152253

Ion	Ratio	Lower	Upper
154	100		
153	110.2	88.9	133.3
152	53.6	43.5	65.3

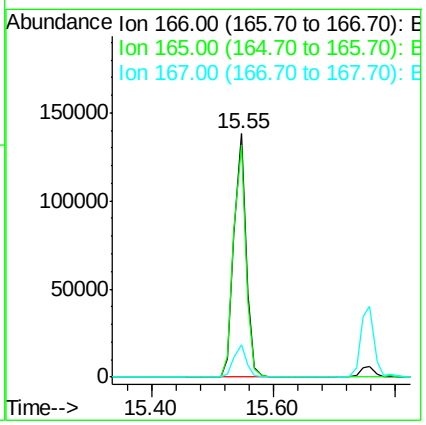


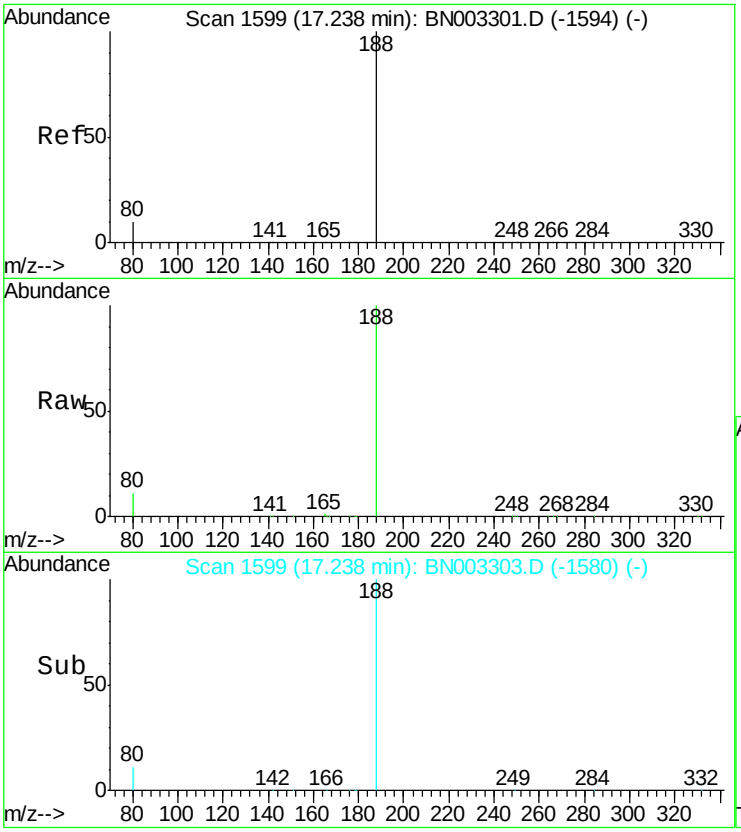


#18
Fluorene
Concen: 1.559 ng
RT: 15.55 min Scan# 1442
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:166 Resp: 190756

Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.8	116.8
167	13.4	10.9	16.3



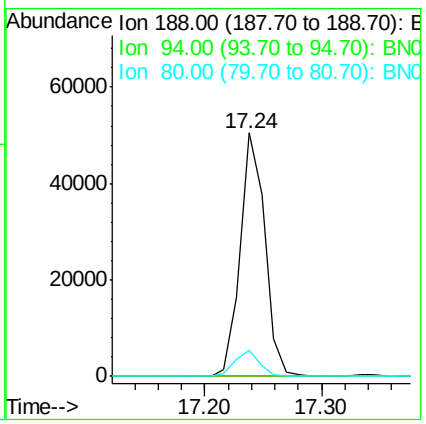


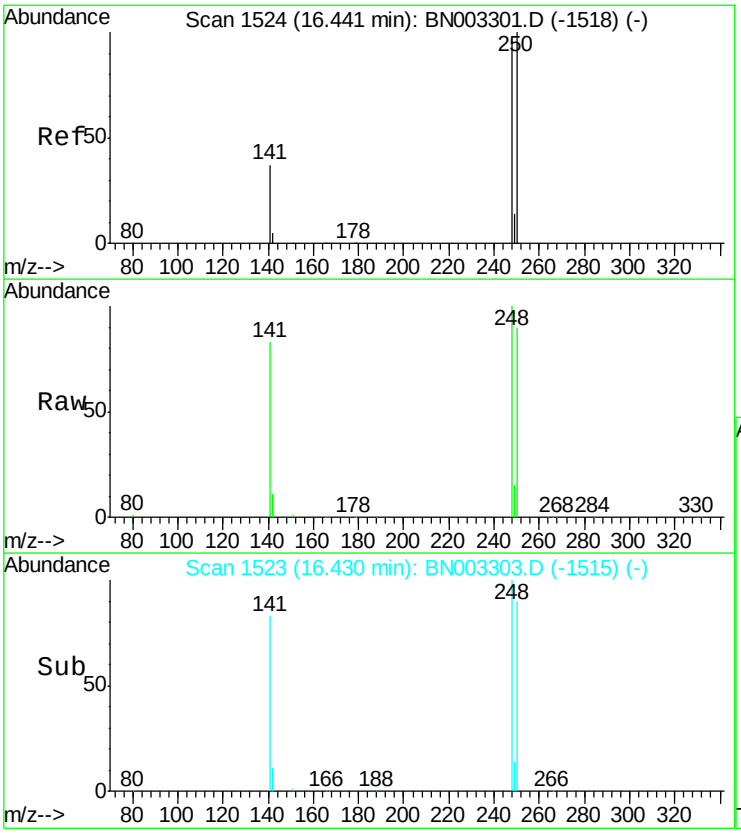
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:188 Resp: 73344

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.9	8.6	12.8

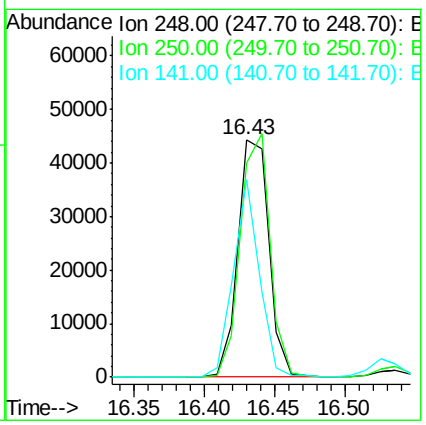


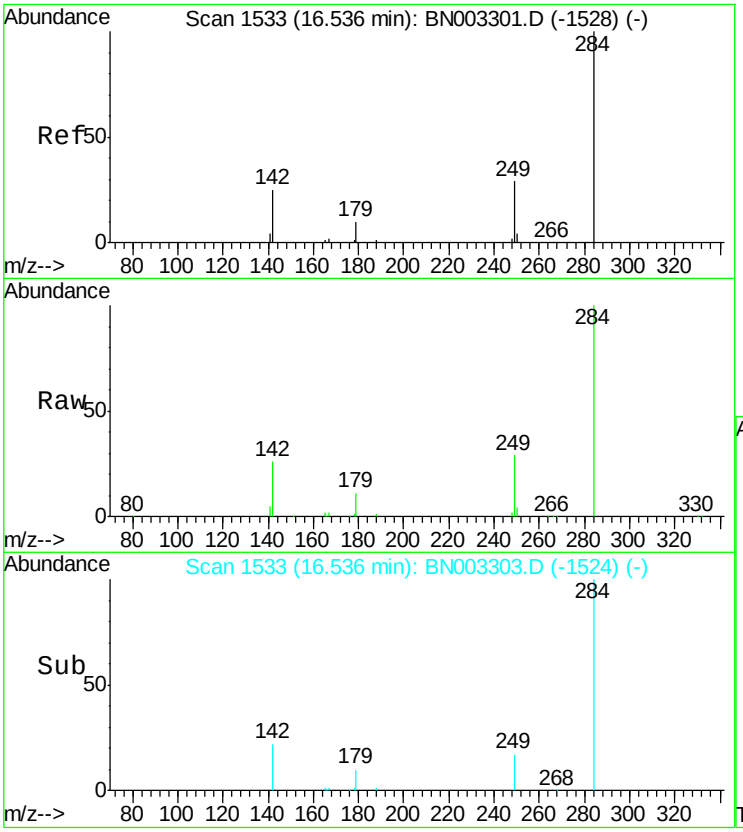


#20
4-Bromophenyl-phenylether
Concen: 1.516 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:248 Resp: 67930

Ion	Ratio	Lower	Upper
248	100		
250	90.2	83.7	125.5
141	83.1	31.4	47.0#



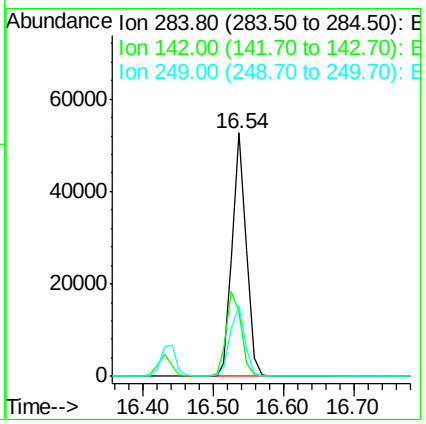


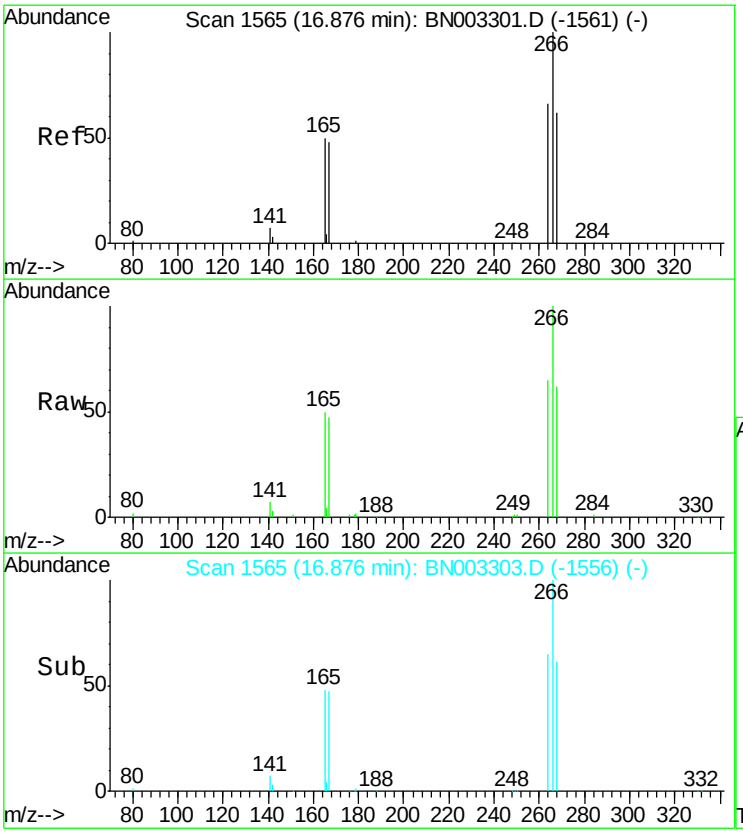
#21
Hexachlorobenzene
Concen: 1.502 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:284 Resp: 71566

Ion	Ratio	Lower	Upper
284	100		
142	36.8	29.7	44.5
249	30.1	24.0	36.0

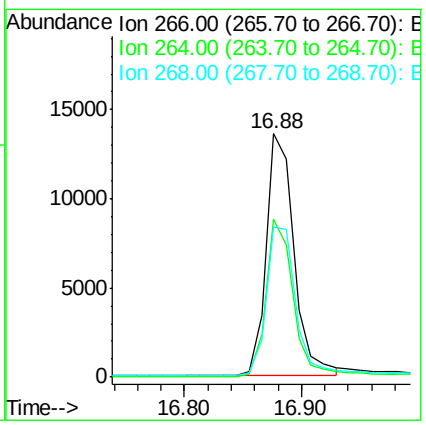


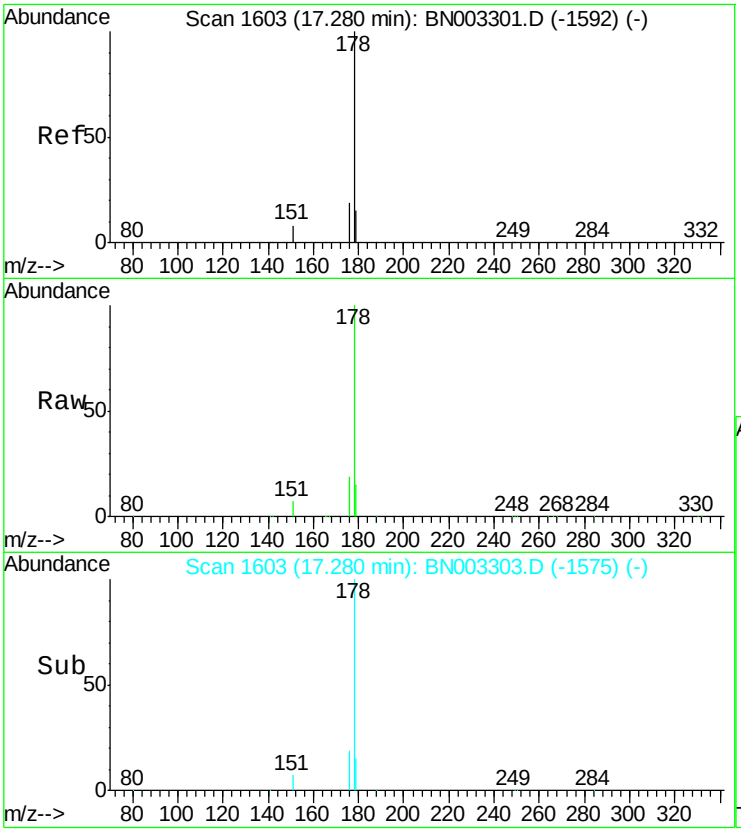


#22
Pentachlorophenol
Concen: 3.652 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:266 Resp: 22425

Ion	Ratio	Lower	Upper
266	100		
264	64.7	52.1	78.1
268	61.8	51.8	77.6



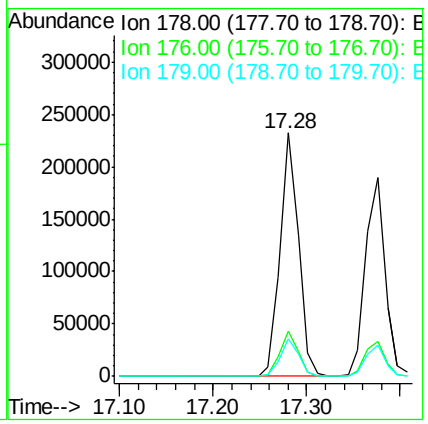


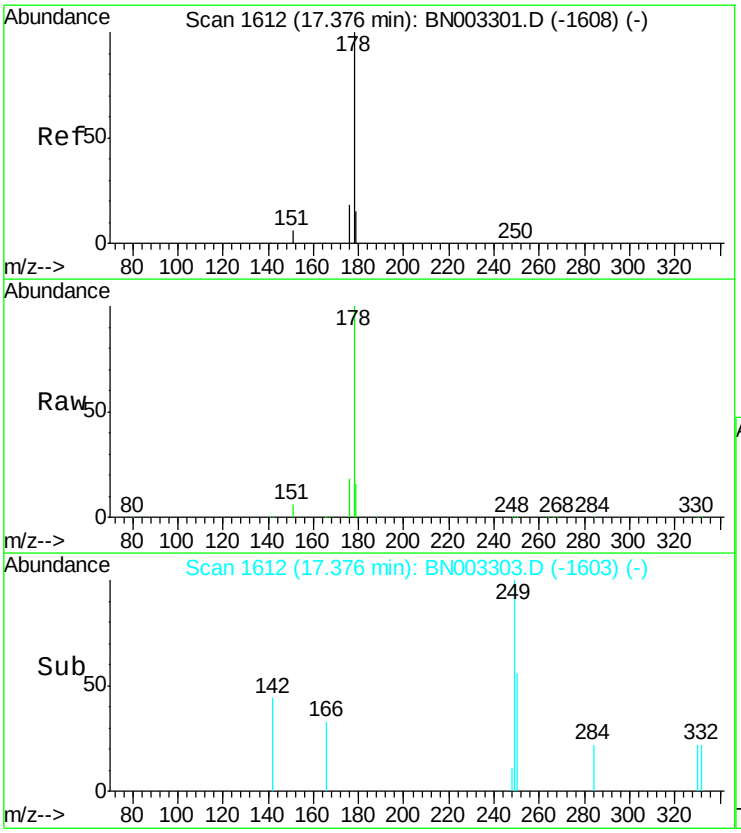
#23
Phenanthrene
Concen: 1.630 ng
RT: 17.28 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:178 Resp: 316651

Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.1	22.7
179	15.3	12.4	18.6

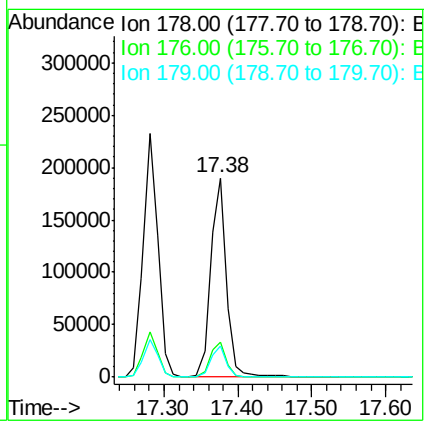


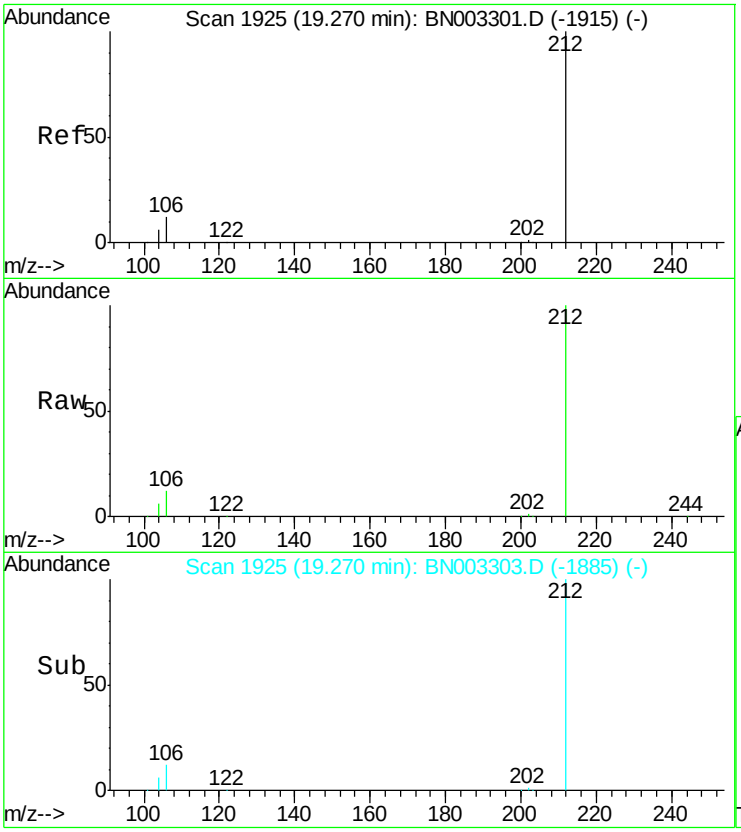


#24
Anthracene
Concen: 1.612 ng
RT: 17.38 min Scan# 1612
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:178 Resp: 278308

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.3	12.2	18.4



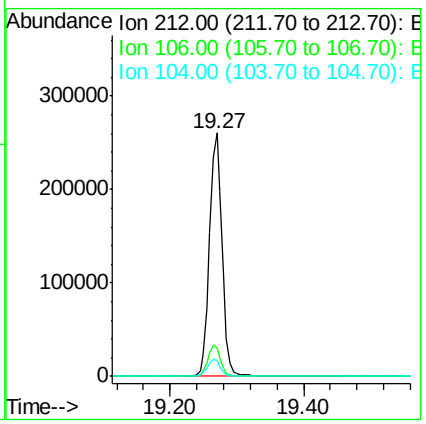


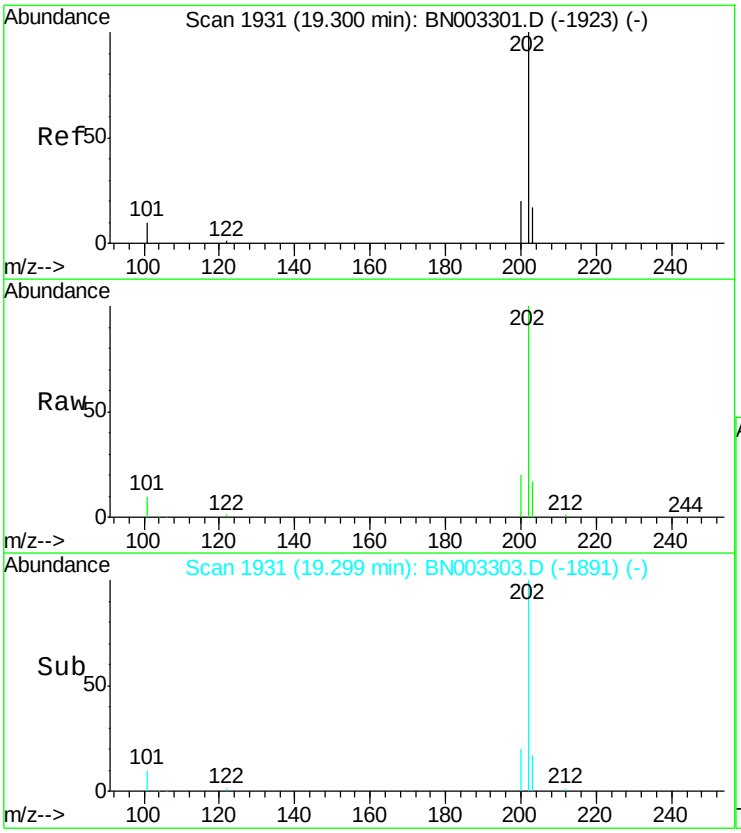
#25
Fluoranthene-d10
Concen: 1.556 ng
RT: 19.27 min Scan# 1925
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:212 Resp: 337993

Ion	Ratio	Lower	Upper
212	100		
106	12.8	10.3	15.5
104	7.1	5.6	8.4

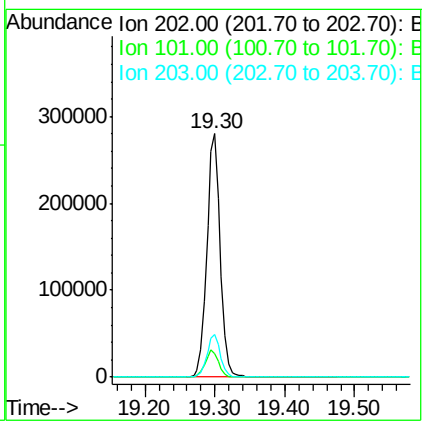


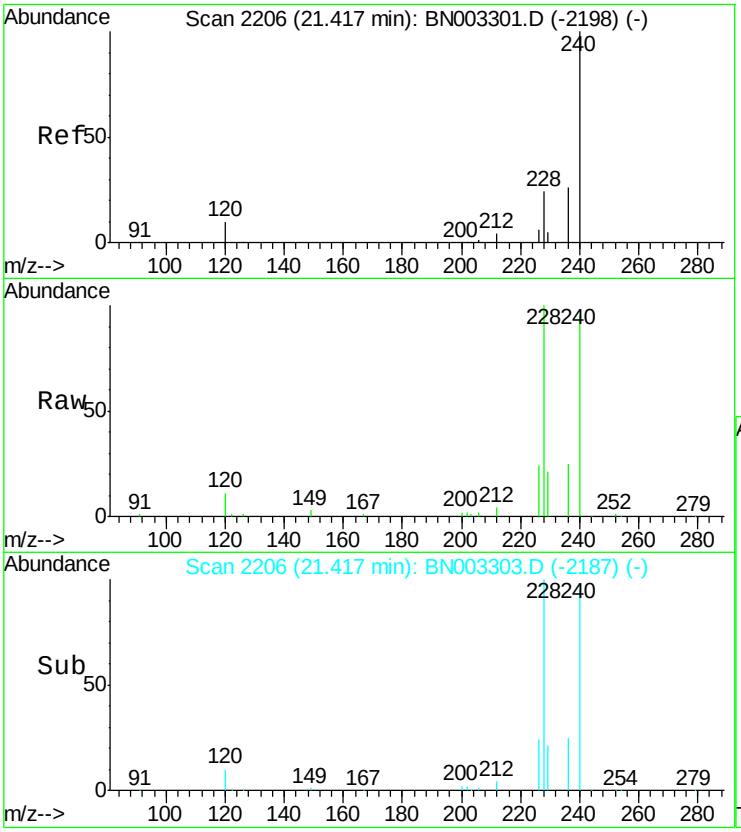


#26
Fluoranthene
Concen: 1.555 ng
RT: 19.30 min Scan# 1931
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:202 Resp: 369902

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.0	13.4
203	17.2	13.8	20.6



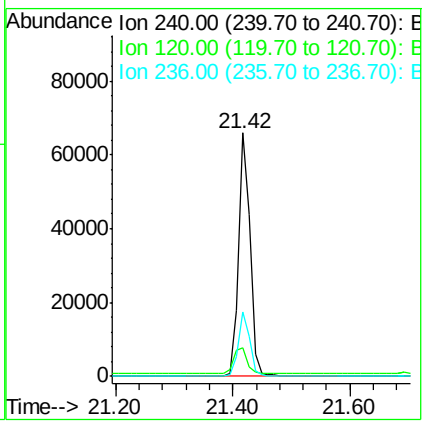


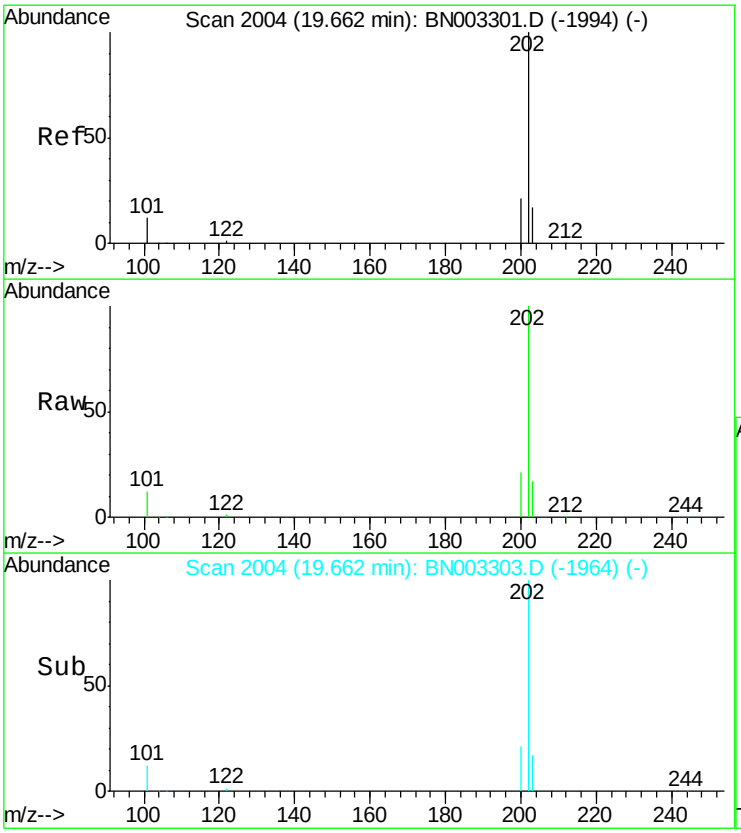
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:240 Resp: 86908

Ion	Ratio	Lower	Upper
240	100		
120	11.9	9.3	13.9
236	26.6	21.0	31.4

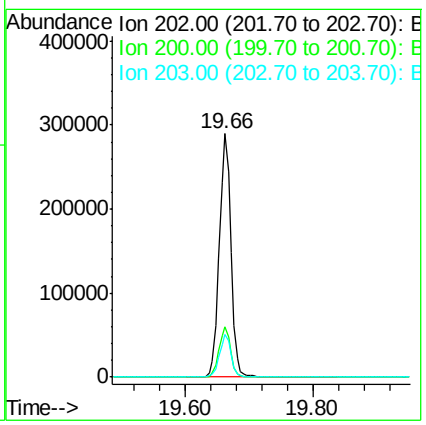


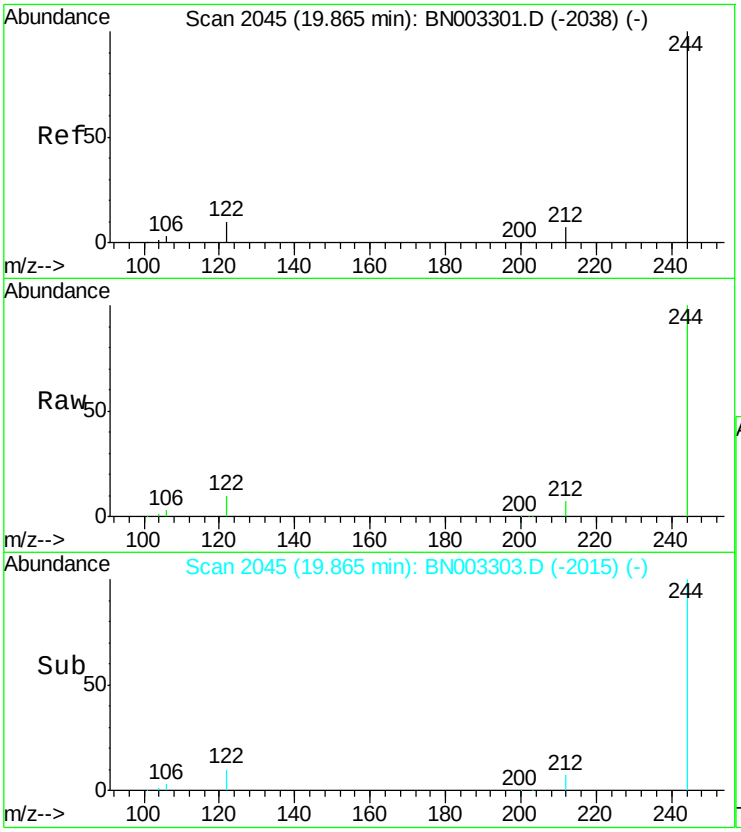


#28
Pyrene
Concen: 1.482 ng
RT: 19.66 min Scan# 2004
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:202 Resp: 371661

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.5	13.9	20.9



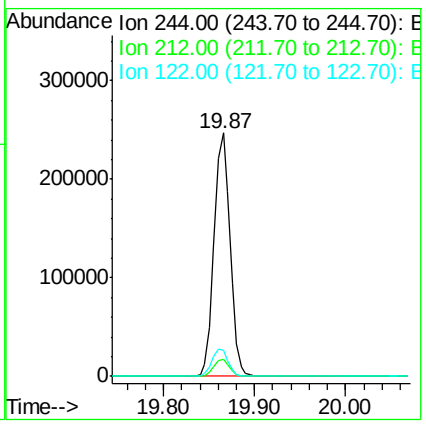


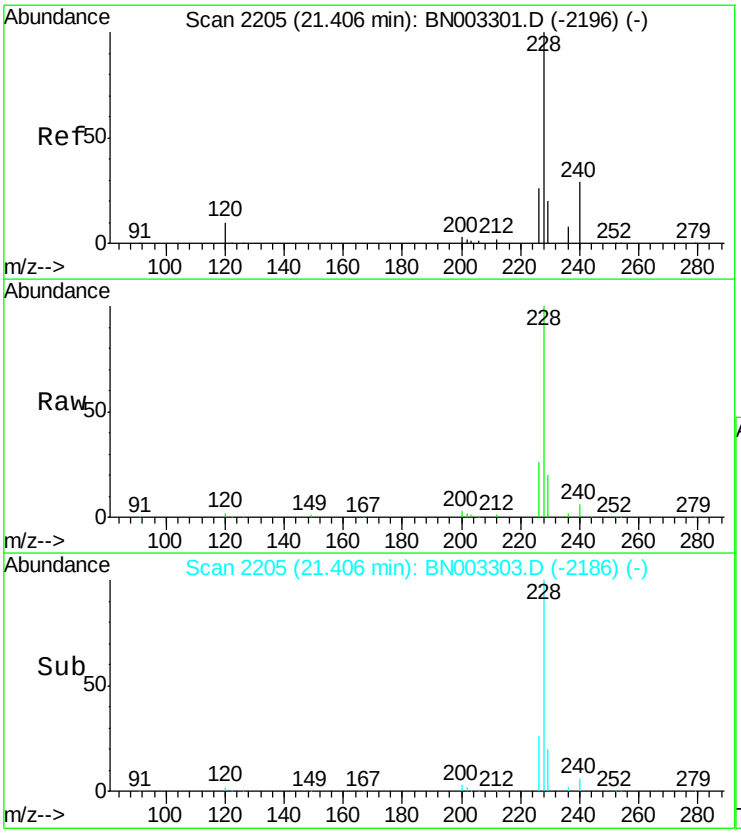
#29
Terphenyl-d14
Concen: 1.457 ng
RT: 19.87 min Scan# 2045
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:244 Resp: 296373

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.4	8.5	12.7

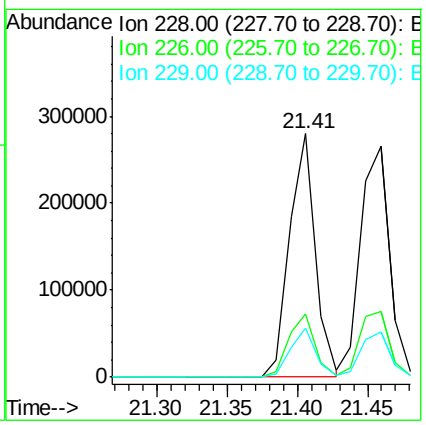


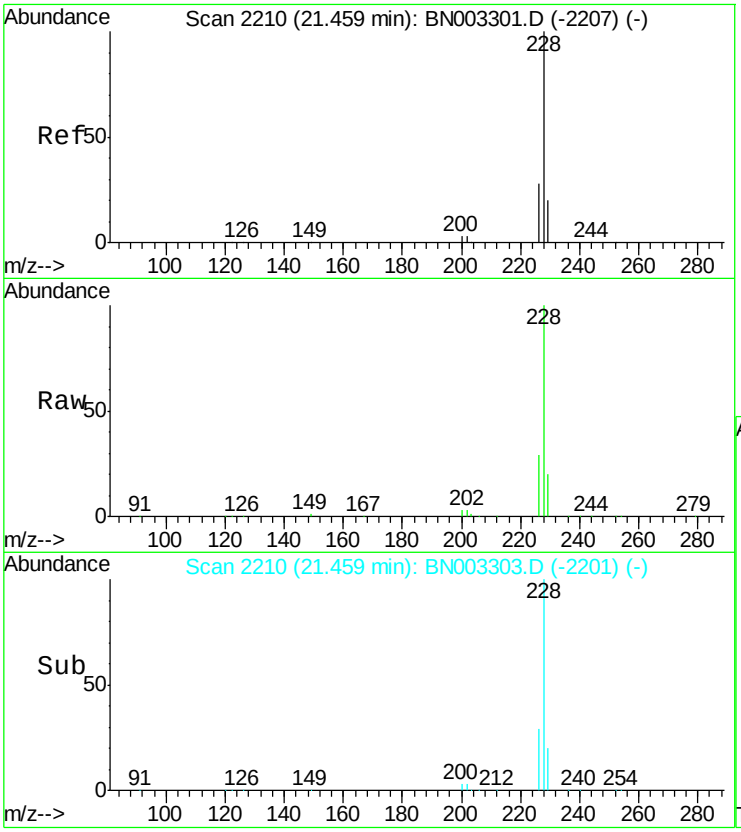


#30
Benzo(a)anthracene
Concen: 1.745 ng
RT: 21.41 min Scan# 2205
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:228 Resp: 358268

Ion	Ratio	Lower	Upper
228	100		
226	25.9	20.8	31.2
229	20.2	16.1	24.1



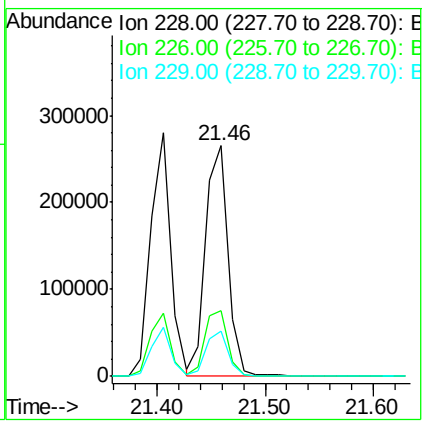


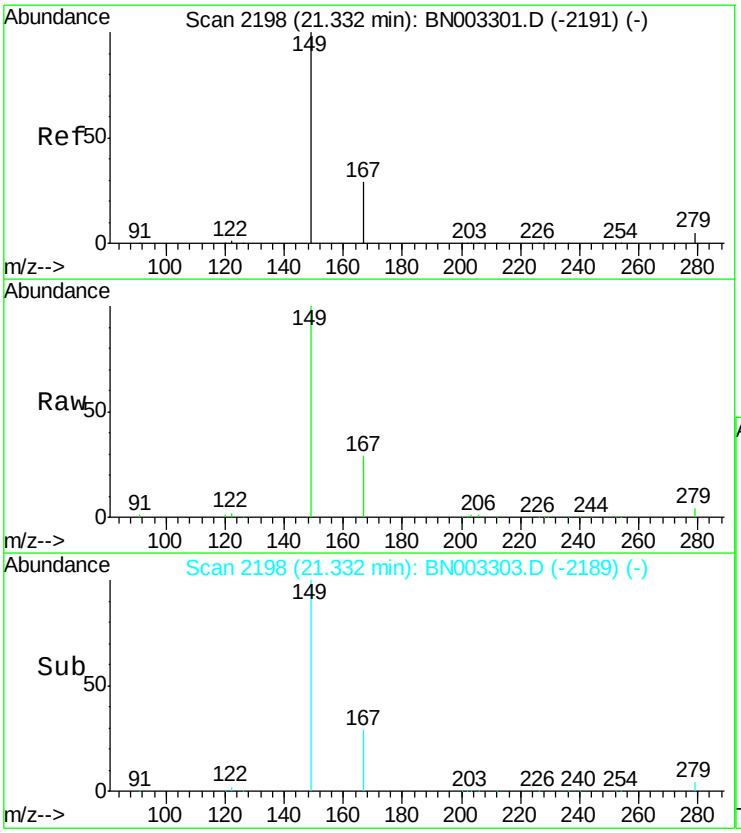
#31
Chrysene
Concen: 1.328 ng
RT: 21.46 min Scan# 2210
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:228 Resp: 381489

Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.7	34.1
229	19.8	16.0	24.0

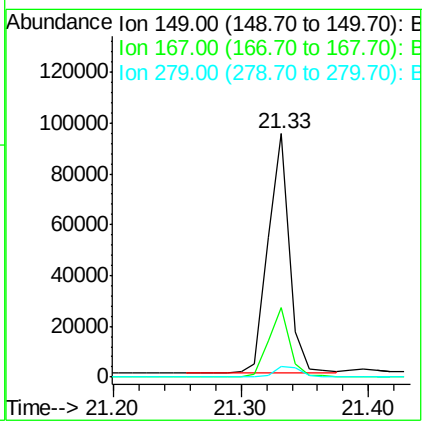


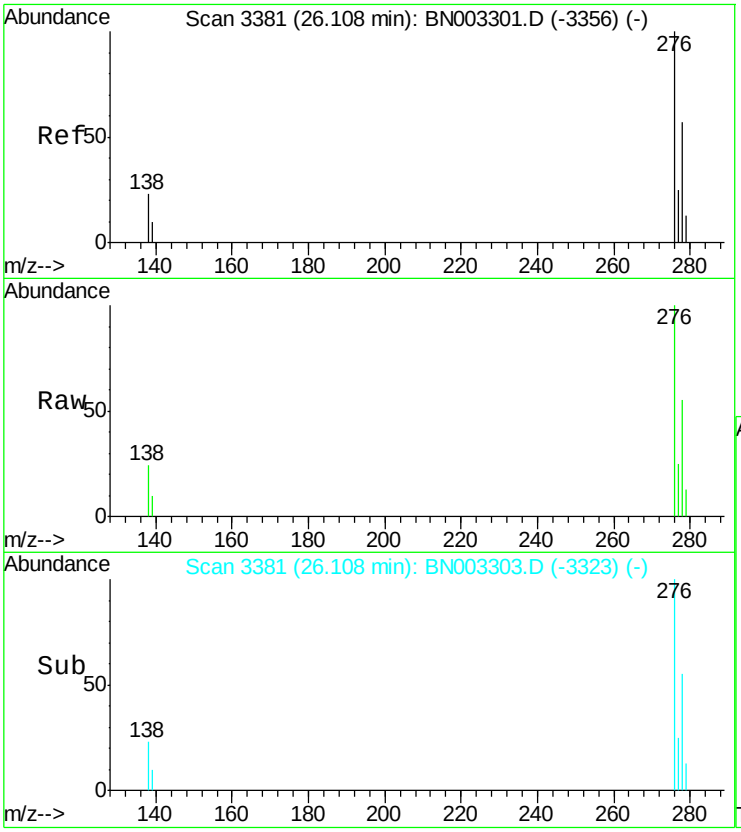


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.856 ng
RT: 21.33 min Scan# 2198
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:149 Resp: 107934

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.4	33.6
279	4.9	3.9	5.9



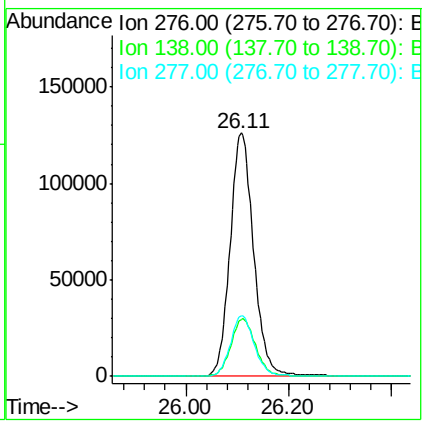


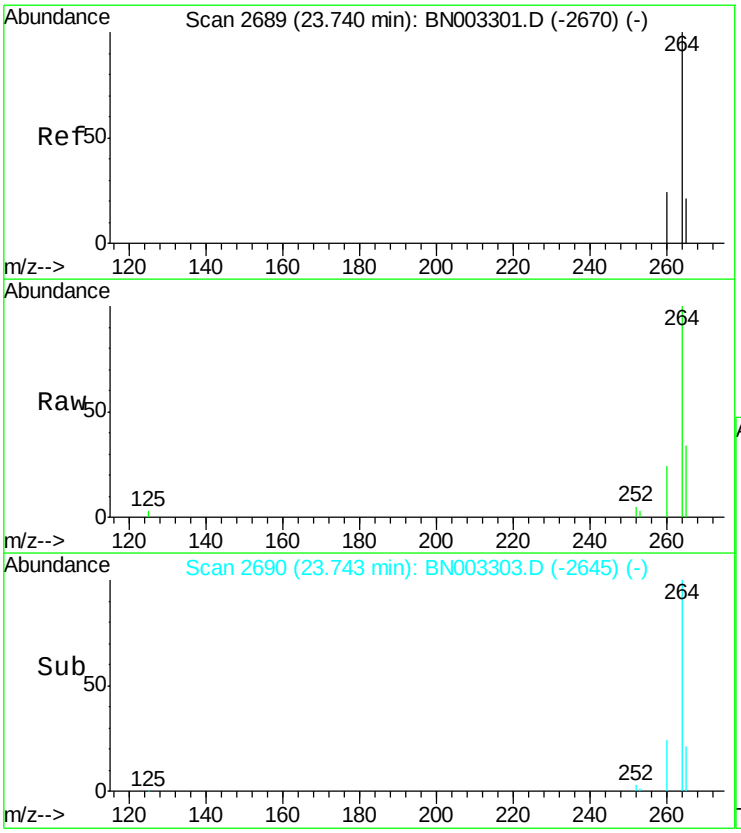
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.629 ng
RT: 26.11 min Scan# 3381
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 401805

Ion	Ratio	Lower	Upper
276	100		
138	24.8	20.6	30.8
277	25.1	20.0	30.0

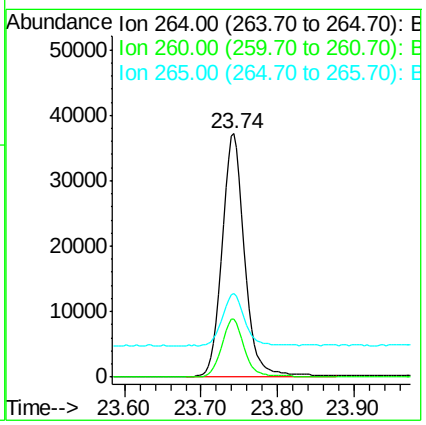


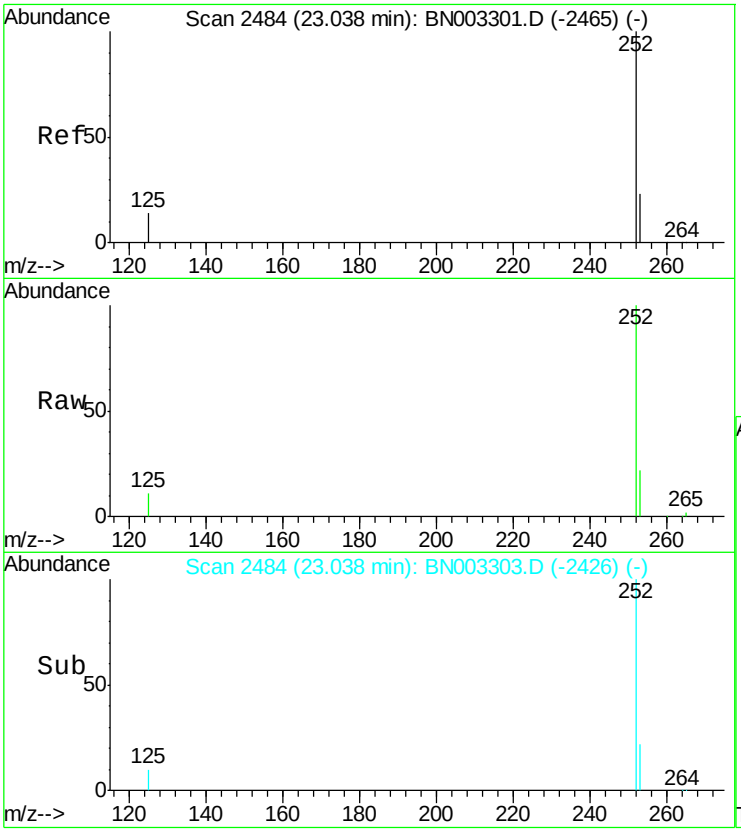


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2690
Delta R.T. 0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:264 Resp: 76786

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	34.3	26.4	39.6



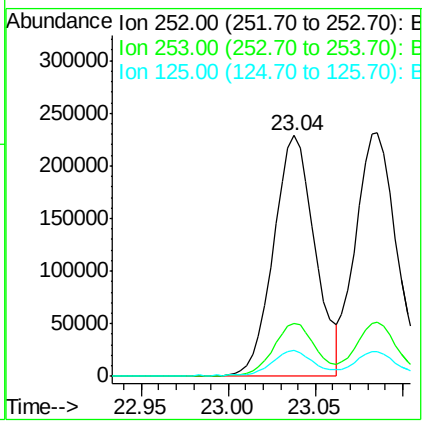


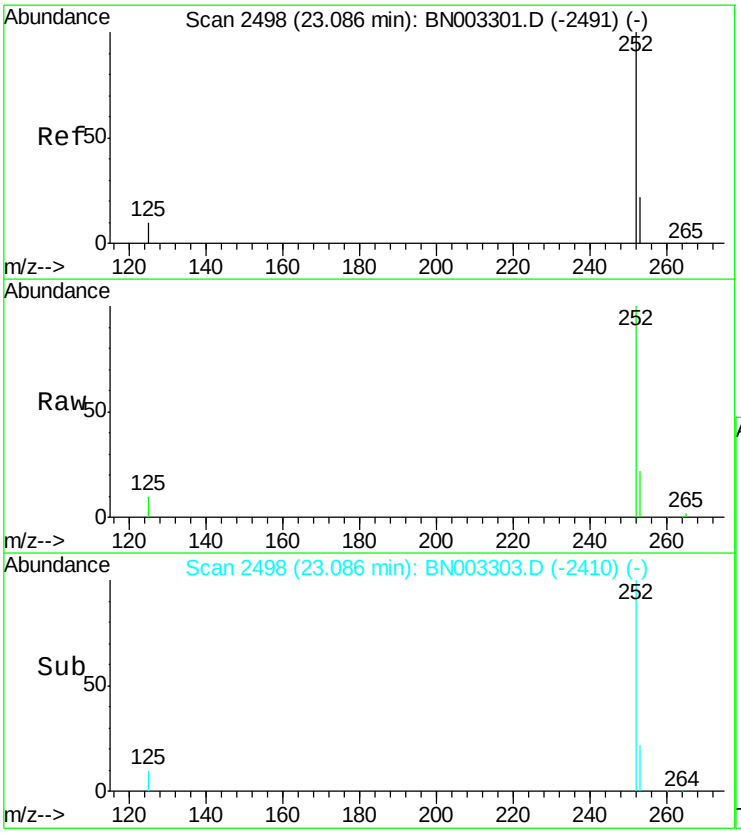
#35
Benzo(b)fluoranthene
Concen: 1.828 ng
RT: 23.04 min Scan# 2484
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 377117

Ion	Ratio	Lower	Upper
252	100		
253	22.2	19.3	28.9
125	10.6	12.7	19.1#

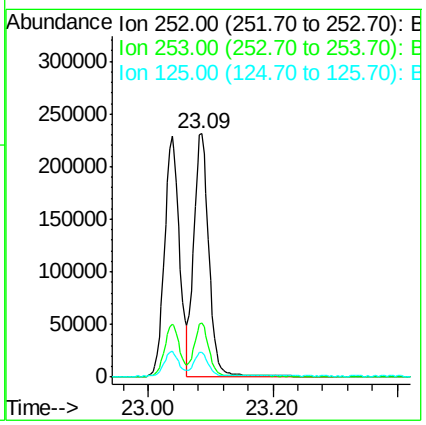


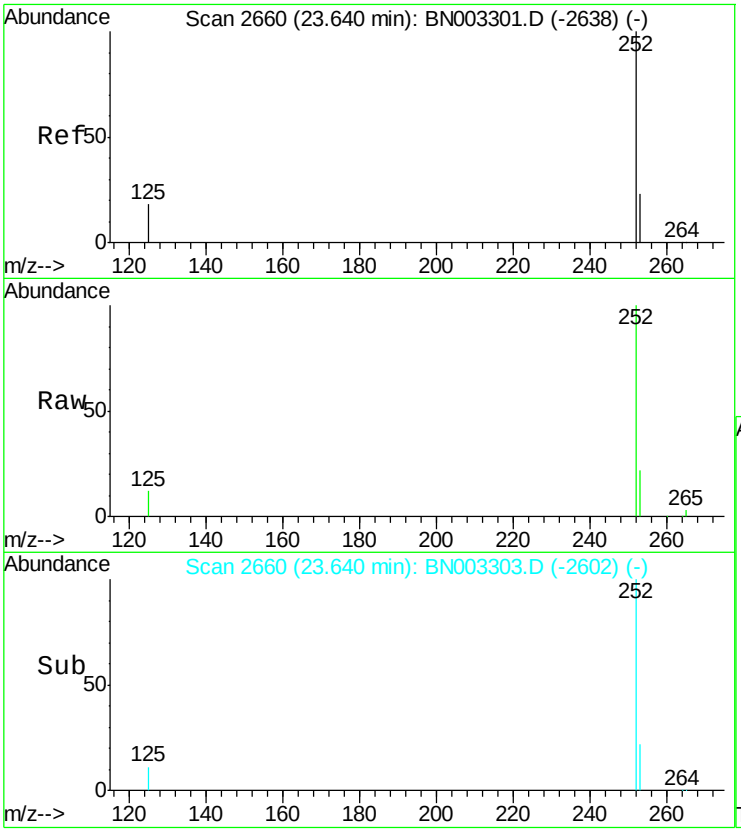


#36
Benzo(k)fluoranthene
Concen: 1.531 ng
RT: 23.09 min Scan# 2498
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:252 Resp: 383800

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.5	27.7
125	10.2	9.1	13.7



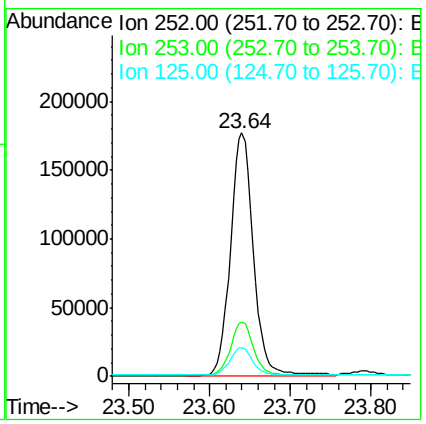


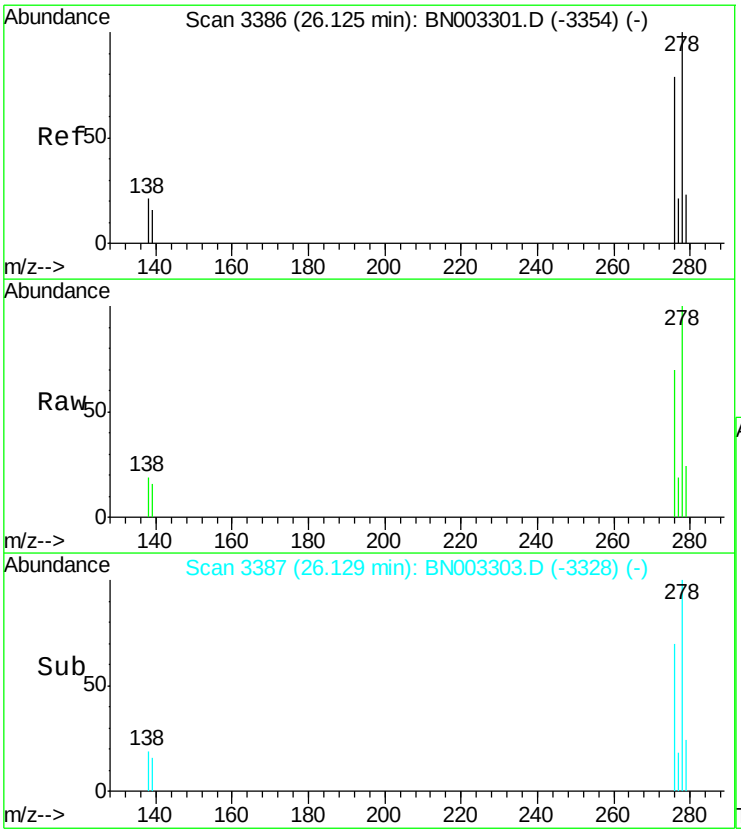
#37
Benzo(a)pyrene
Concen: 1.595 ng
RT: 23.64 min Scan# 2660
Delta R.T. -0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:252 Resp: 344729

Ion	Ratio	Lower	Upper
252	100		
253	22.4	20.1	30.1
125	11.8	16.0	24.0#

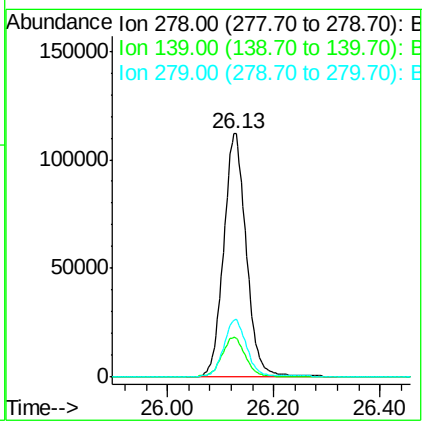


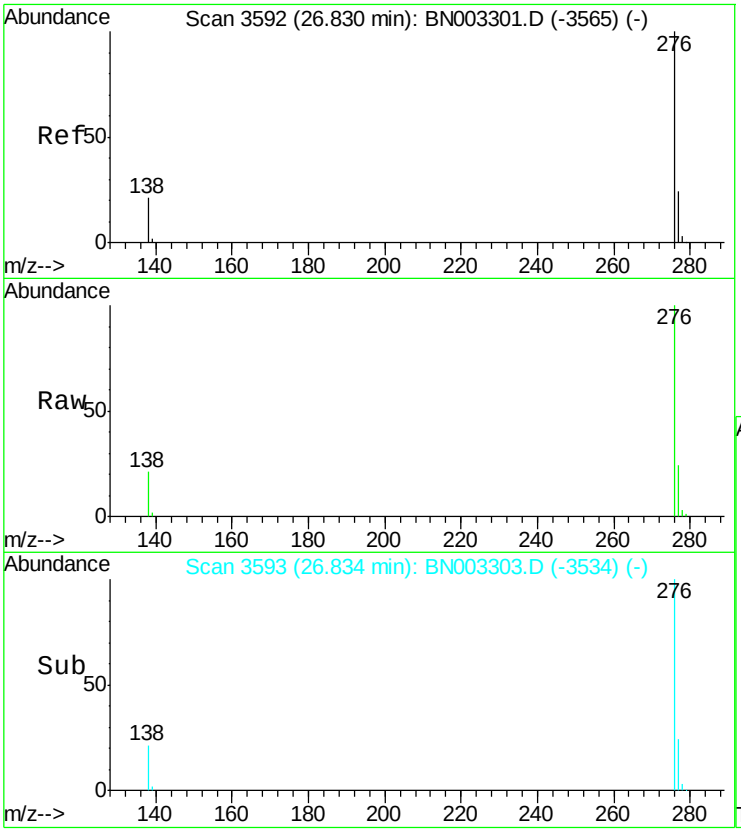


#38
Dibenzo(a,h)anthracene
Concen: 1.764 ng
RT: 26.13 min Scan# 3387
Delta R.T. 0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Tgt Ion:278 Resp: 331899

Ion	Ratio	Lower	Upper
278	100		
139	16.0	13.5	20.3
279	23.8	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 1.720 ng
RT: 26.83 min Scan# 3593
Delta R.T. 0.00 min
Lab File: BN003303.D
Acq: 26 Oct 2018 14:10

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Tgt Ion:276 Resp: 330138

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