Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003308.D
Acq On : 26 Oct 2018 17:07
Operator : MJ/SJ
Sample : PB113752BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB113752BL

Quant Time: Oct 27 00:42:03 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 15:17:57 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	17414	0.40	ng		0.00
7) Naphthalene-d8	10.67	136	67935	0.40	ng		0.00
13) Acenaphthene-d10	14.50	164	35614	0.40	ng		0.00
19) Phenanthrene-d10	17.24	188	90022	0.40	ng		0.00
27) Chrysene-d12	21.42	240	87355	0.40	ng		0.00
34) Perylene-d12	23.74	264	74244	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	20158	0.47	ng		0.00
5) Phenol-d6	7.02	99	24296	0.45	ng		0.00
8) Nitrobenzene-d5	9.02	82	12529	0.42	ng		0.00
11) 2-Methylnaphthalene-d10	12.25	152	42863	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	4640	0.33	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	65432	0.43	ng		-0.01
25) Fluoranthene-d10	19.27	212	106643	0.41	ng		0.00
29) Terphenyl-d14	19.87	244	78880	0.39	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.30	93	57	0.001	ng	#	24
9) Naphthalene	10.71	128	153	0.001	ng	#	3
10) Hexachlorobutadiene	10.99	225	13	0.000	ng	#	18
12) 2-Methylnaphthalene	12.32	142	42	0.000	ng	#	4
16) Acenaphthylene	14.22	152	23	0.000	ng	#	61
17) Acenaphthene	14.57	154	9	0.000	ng	#	1
18) Fluorene	15.55	166	37	0.000	ng	#	4
20) 4-Bromophenyl-phenylether	16.44	248	13	0.000	ng	#	24
21) Hexachlorobenzene	16.55	284	26	0.000	ng	#	41
22) Pentachlorophenol	16.89	266	98	0.007	ng	#	75
23) Phenanthrene	17.28	178	367	0.001	ng	#	82
24) Anthracene	17.37	178	50	0.000	ng	#	61
26) Fluoranthene	19.30	202	377	0.001	ng	#	70
28) Pyrene	19.66	202	340	0.001	ng		97
30) Benzo(a)anthracene	21.41	228	644	0.003	ng	#	70
31) Chrysene	21.46	228	755	0.003	ng	#	82
32) Bis(2-ethylhexyl)phthalate	21.32	149	1012	0.015	ng	#	85
33) Indeno(1,2,3-cd)pyrene	26.09	276	205	0.001	ng	#	62
35) Benzo(b)fluoranthene	23.03	252	407	0.002	ng	#	1
36) Benzo(k)fluoranthene	23.09	252	295	0.001	ng	#	1
37) Benzo(a)pyrene	23.64	252	160	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	26.10	278	129	0.001	ng	#	1
39) Benzo(g,h,i)perylene	26.82	276	170	0.001	ng	#	1

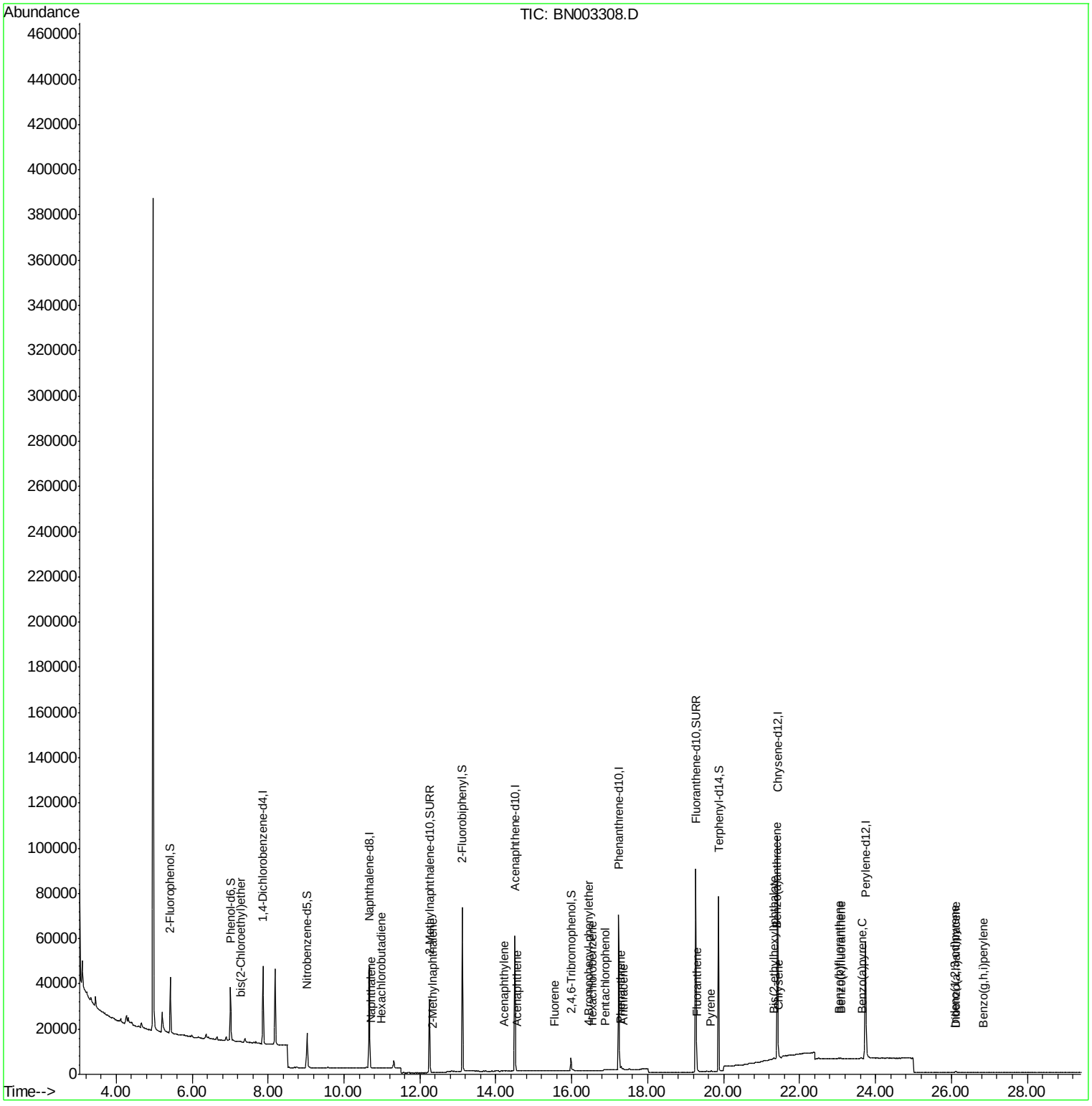
(#) = qualifier out of range (m) = manual integration (+) = signals summed

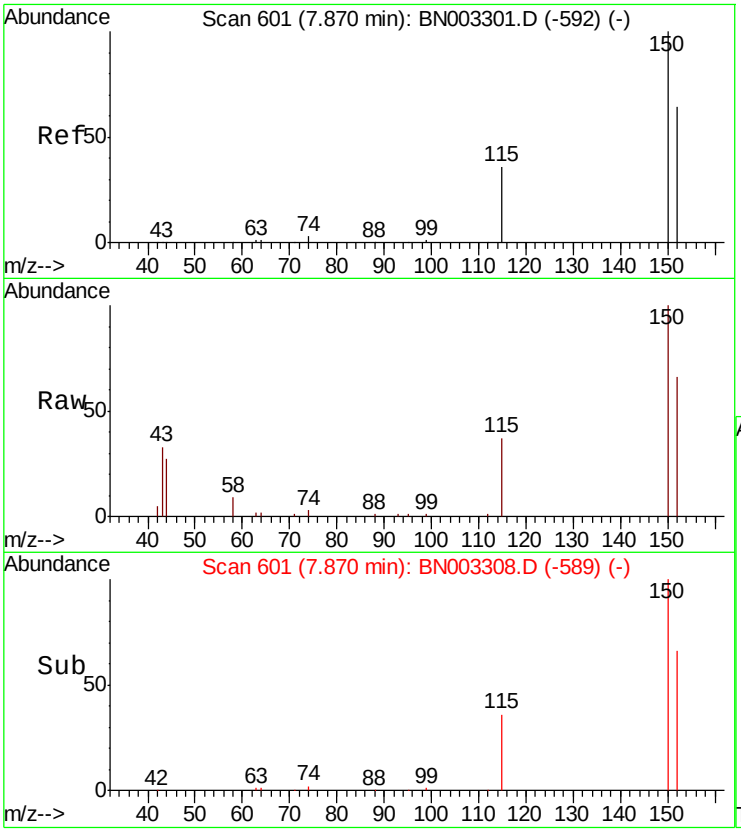
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102618\
Data File : BN003308.D
Acq On : 26 Oct 2018 17:07
Operator : MJ/SJ
Sample : PB113752BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Quant Time: Oct 27 00:42:03 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 15:17:57 2018
Response via : Initial Calibration



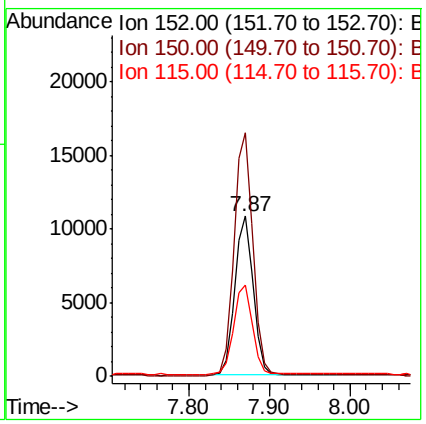


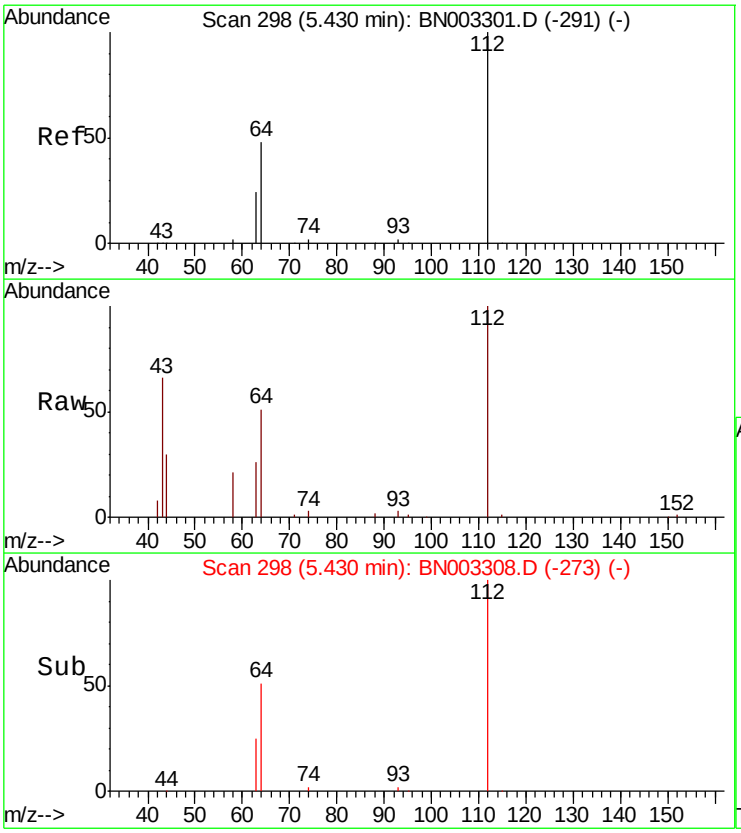
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.87 min Scan# 601
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:152 Resp: 17414

Ion	Ratio	Lower	Upper
152	100		
150	152.2	124.6	187.0
115	56.7	46.4	69.6

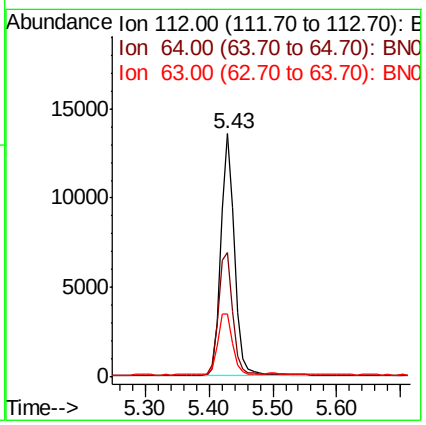


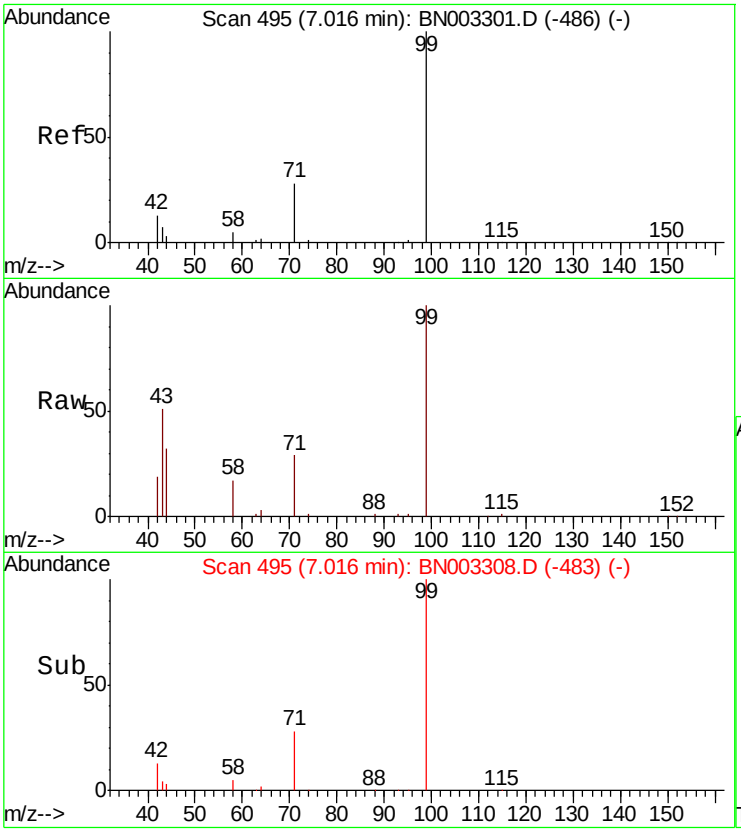


#4
2-Fluorophenol
Concen: 0.467 ng
RT: 5.43 min Scan# 298
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:112 Resp: 20158

Ion	Ratio	Lower	Upper
112	100		
64	54.0	44.3	66.5
63	27.1	22.4	33.6



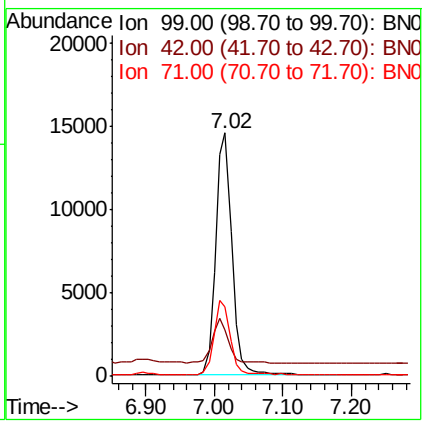


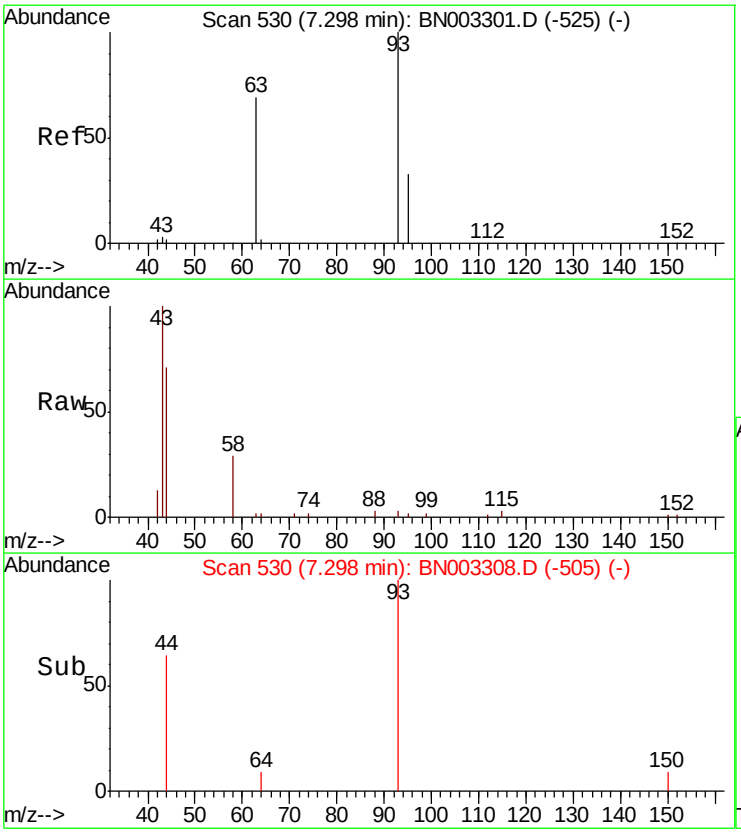
#5
Phenol-d6
Concen: 0.446 ng
RT: 7.02 min Scan# 495
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion: 99 Resp: 24296

Ion	Ratio	Lower	Upper
99	100		
42	17.6	14.8	22.2
71	30.2	24.8	37.2

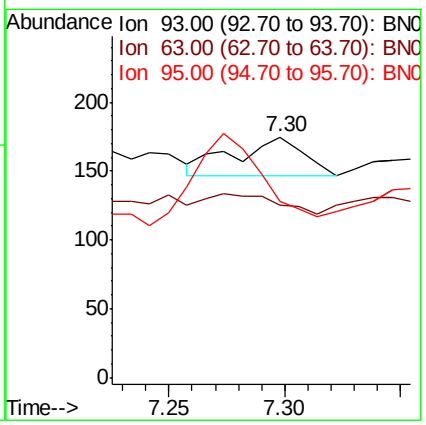


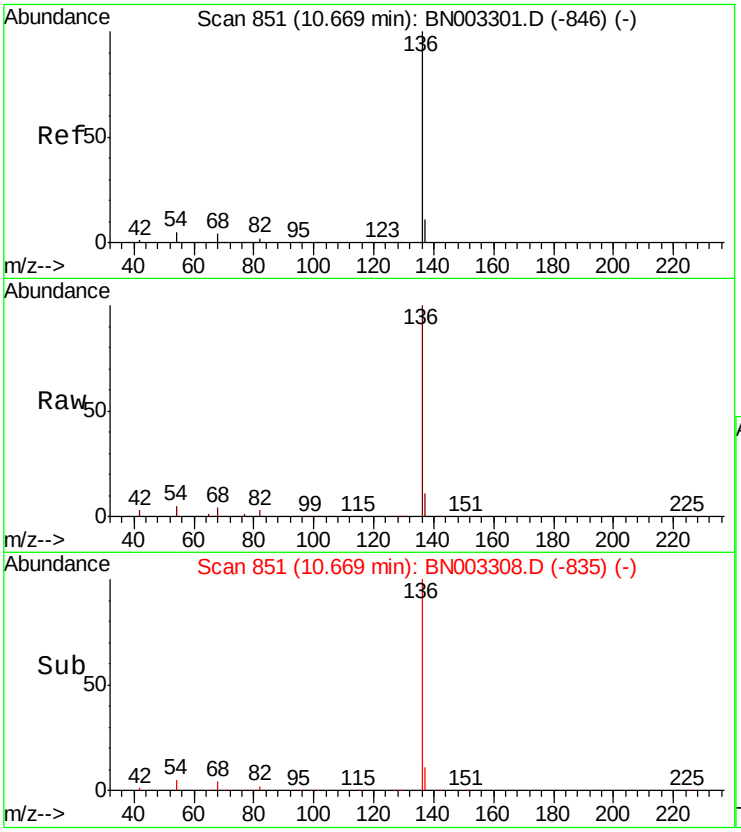


#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.30 min Scan# 530
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion: 93 Resp: 57

Ion	Ratio	Lower	Upper
93	100		
63	0.0	55.8	83.6#
95	0.0	25.4	38.2#



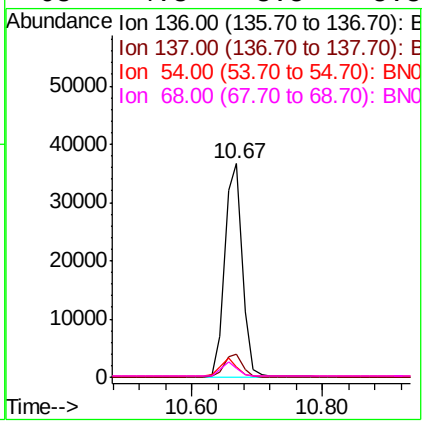


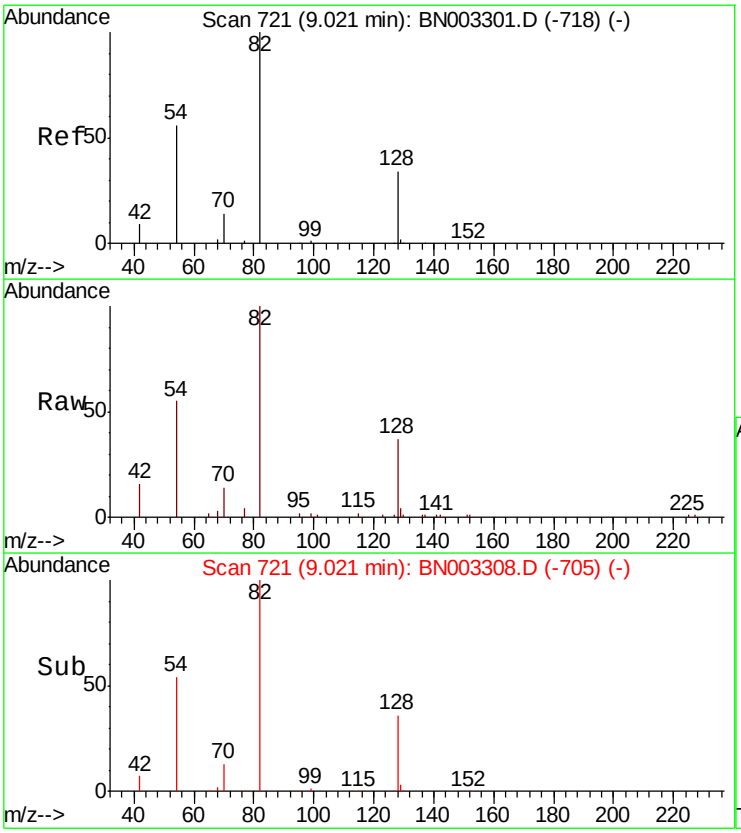
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.67 min Scan# 851
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:136 Resp: 67935

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.0	13.4
54	4.9	4.1	6.1
68	4.3	3.5	5.3

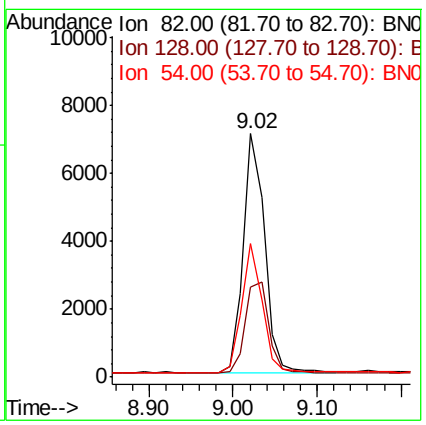


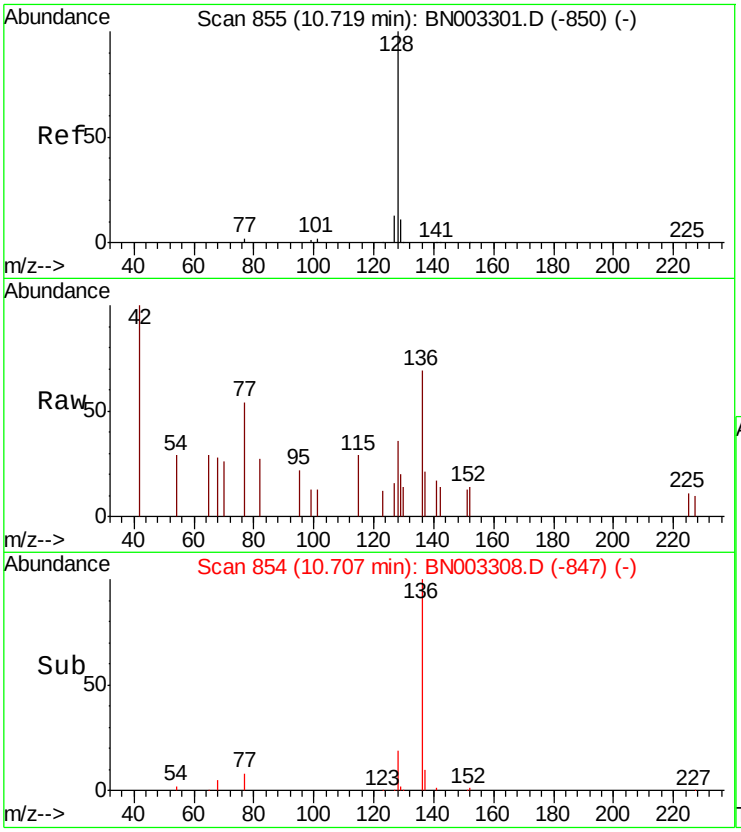


#8
Nitrobenzene-d5
Concen: 0.421 ng
RT: 9.02 min Scan# 721
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion: 82 Resp: 12529

Ion	Ratio	Lower	Upper
82	100		
128	36.8	28.9	43.3
54	54.9	46.1	69.1



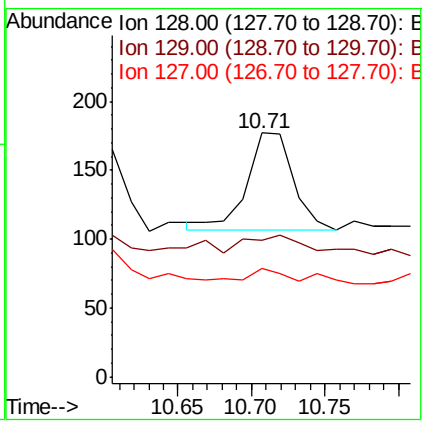


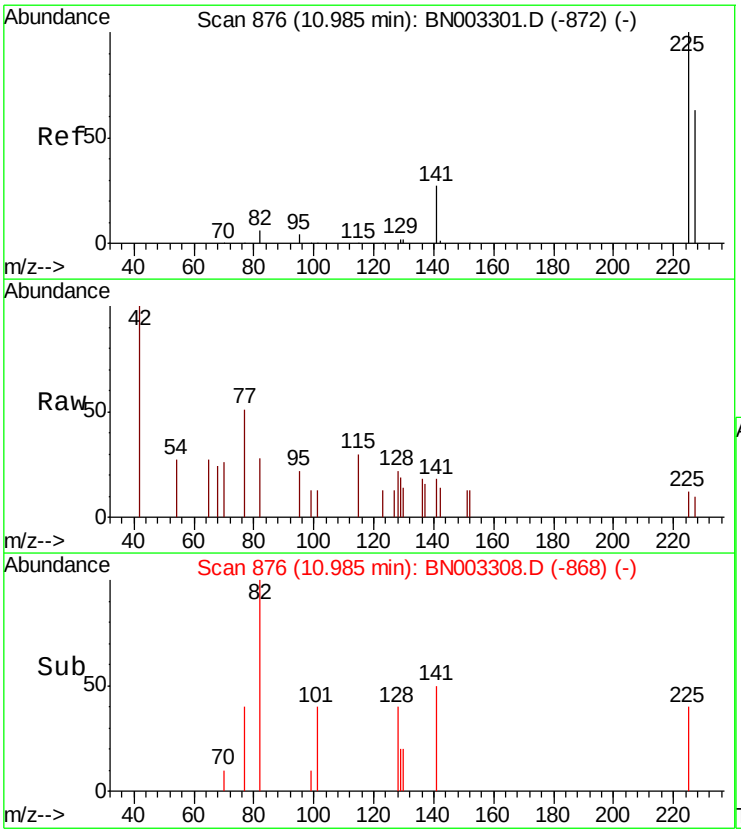
#9
Naphthalene
Concen: 0.001 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:128 Resp: 153

Ion	Ratio	Lower	Upper
128	100		
129	55.9	9.1	13.7#
127	44.6	10.2	15.4#

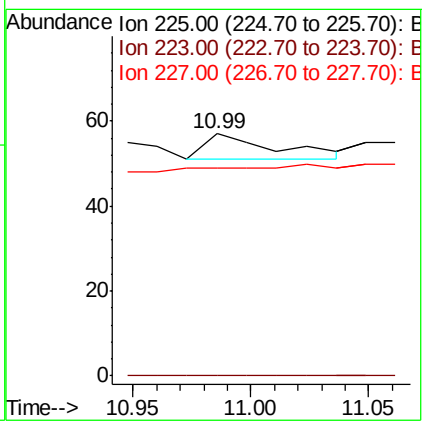


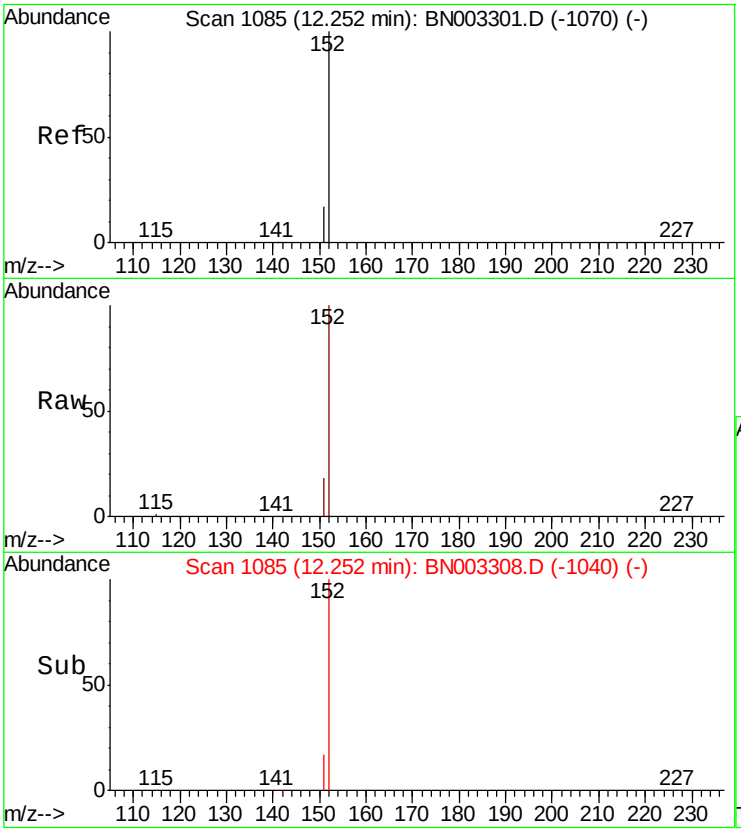


#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.99 min Scan# 876
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:225 Resp: 13

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



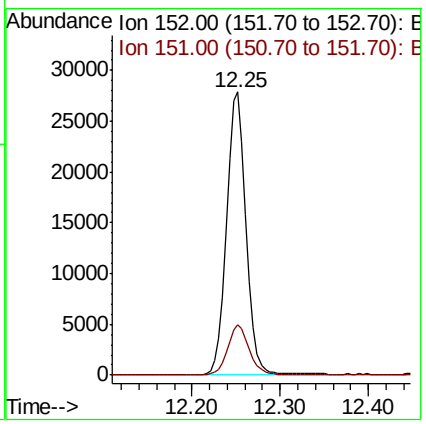


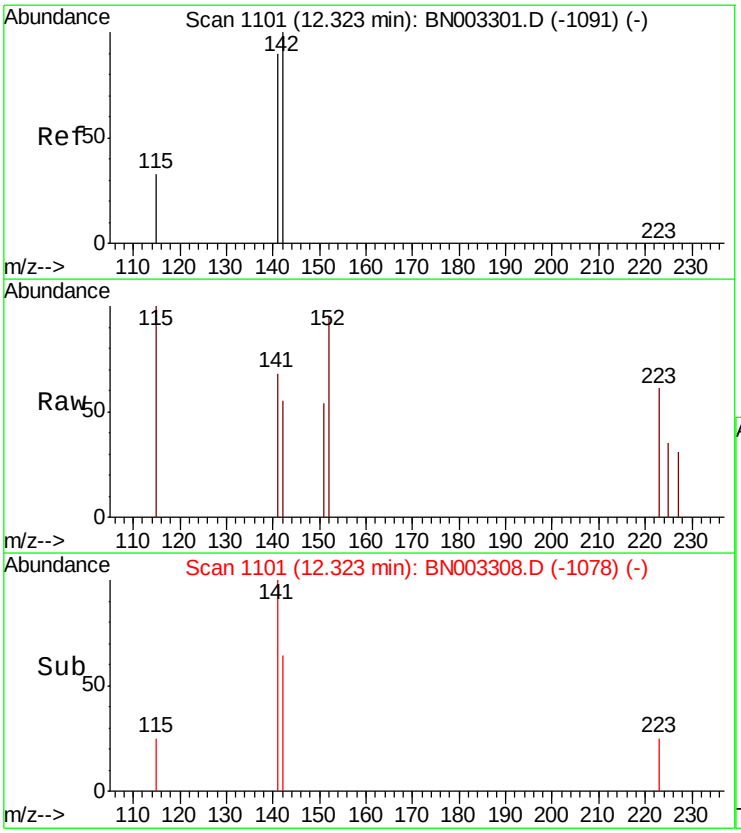
#11
2-Methylnaphthalene-d10
Concen: 0.388 ng
RT: 12.25 min Scan# 1085
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:152 Resp: 42863

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.1	22.7

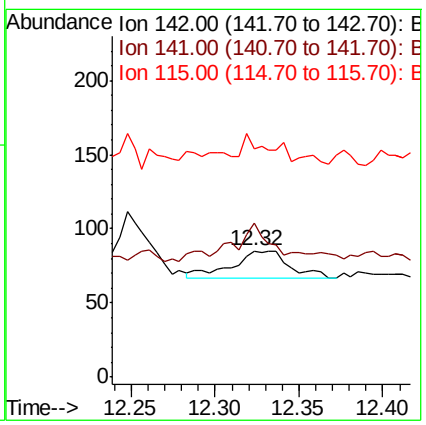


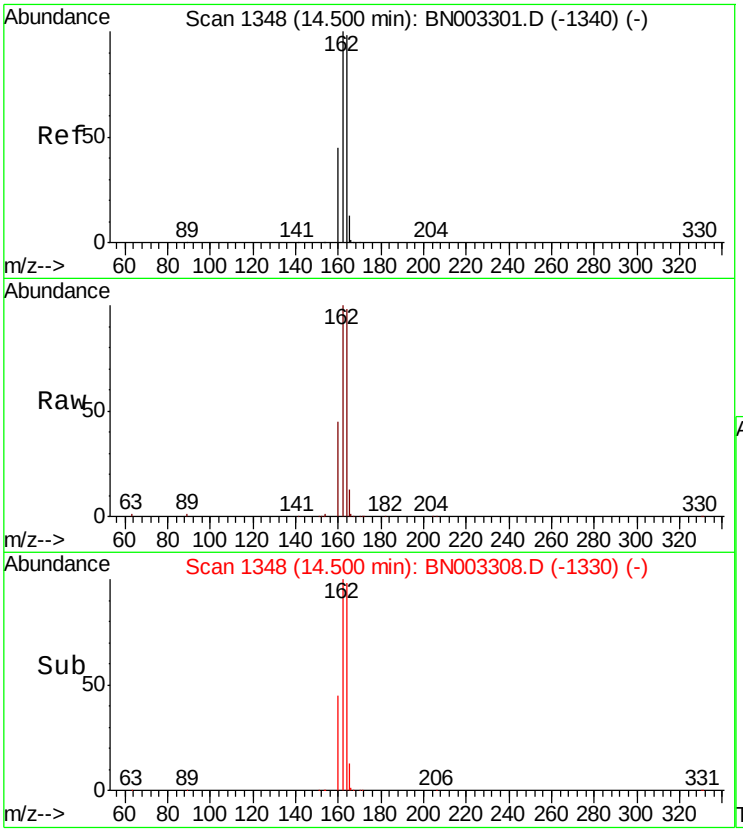


#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.32 min Scan# 1101
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:142 Resp: 42

Ion	Ratio	Lower	Upper
142	100		
141	122.4	71.9	107.9#
115	181.2	27.0	40.6#



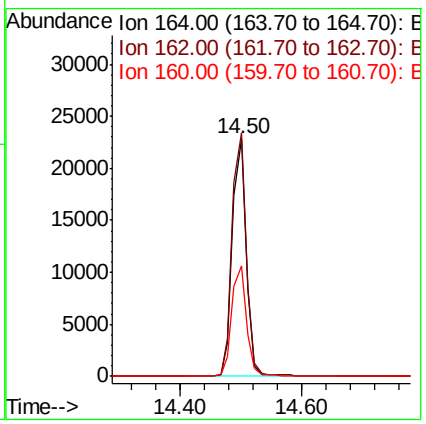


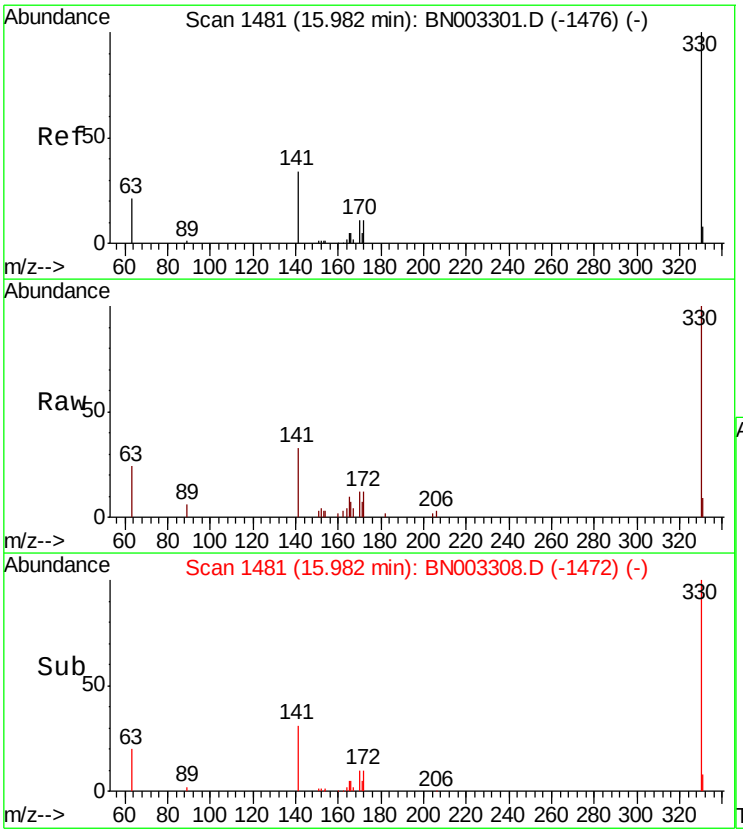
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.50 min Scan# 1348
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:164 Resp: 35614

Ion	Ratio	Lower	Upper
164	100		
162	102.5	81.8	122.6
160	46.2	37.2	55.8

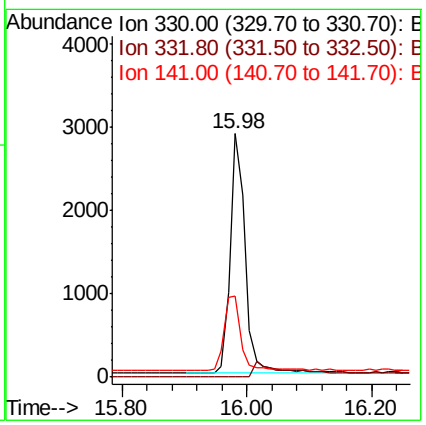


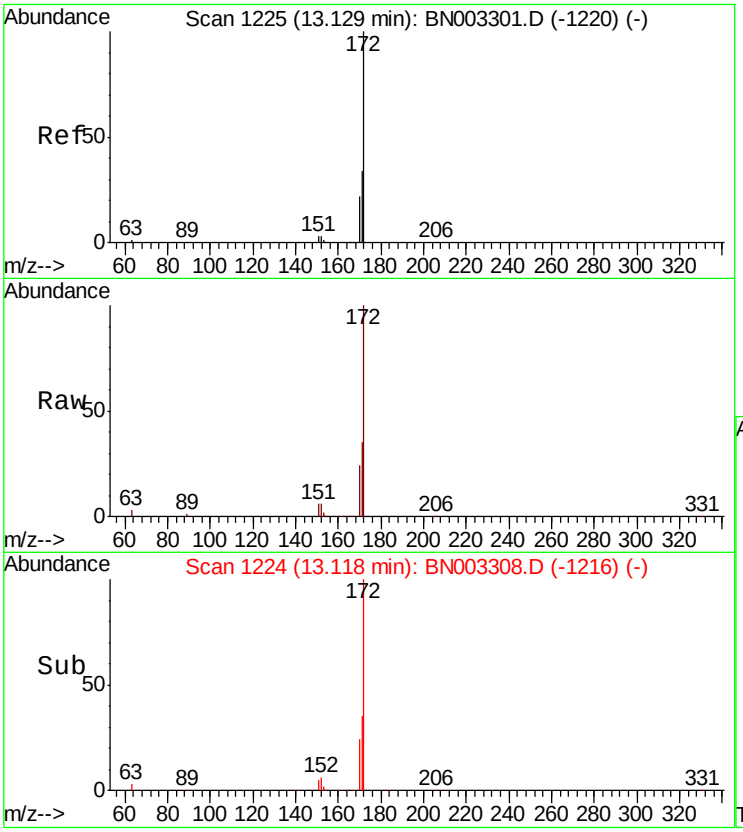


#14
2,4,6-Tribromophenol
Concen: 0.327 ng
RT: 15.98 min Scan# 1481
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:330 Resp: 4640

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.5	28.3	42.5



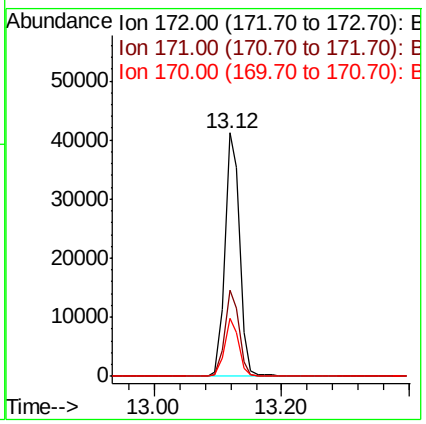


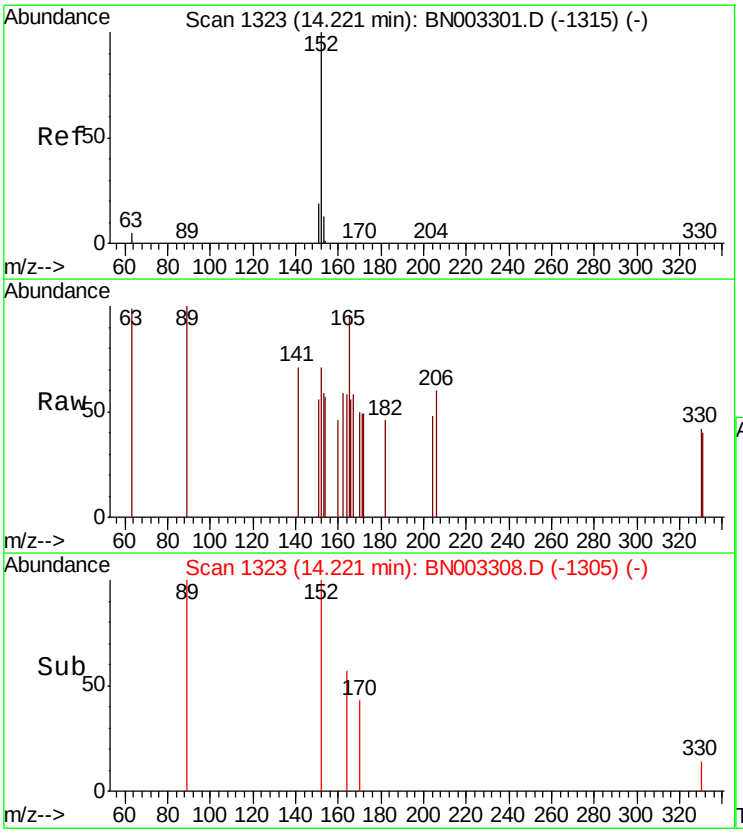
#15
2-Fluorobiphenyl
Concen: 0.427 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:172 Resp: 65432

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.1	40.7
170	23.9	17.4	26.0

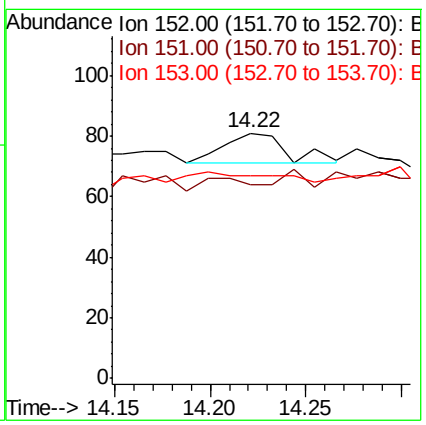


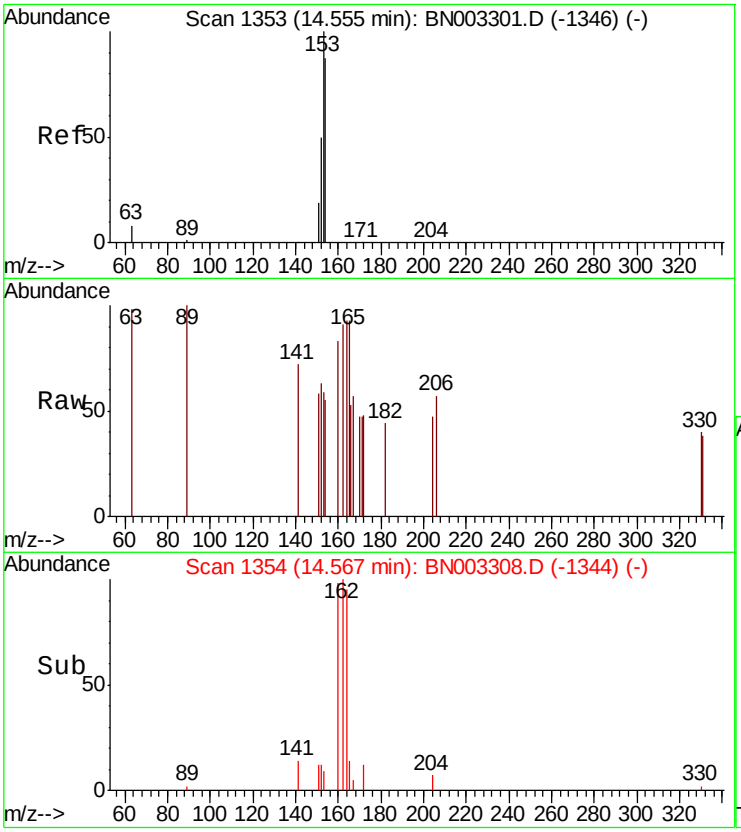


#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.22 min Scan# 1323
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:152 Resp: 23

Ion	Ratio	Lower	Upper
152	100		
151	0.0	15.7	23.5#
153	0.0	10.6	15.8#



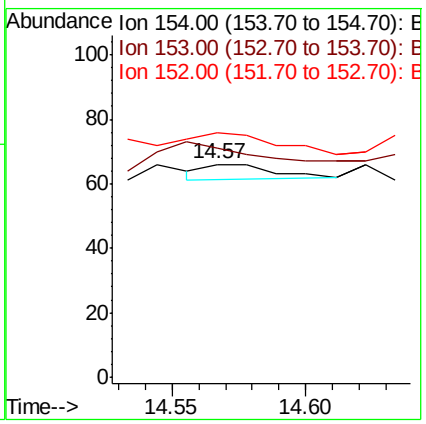


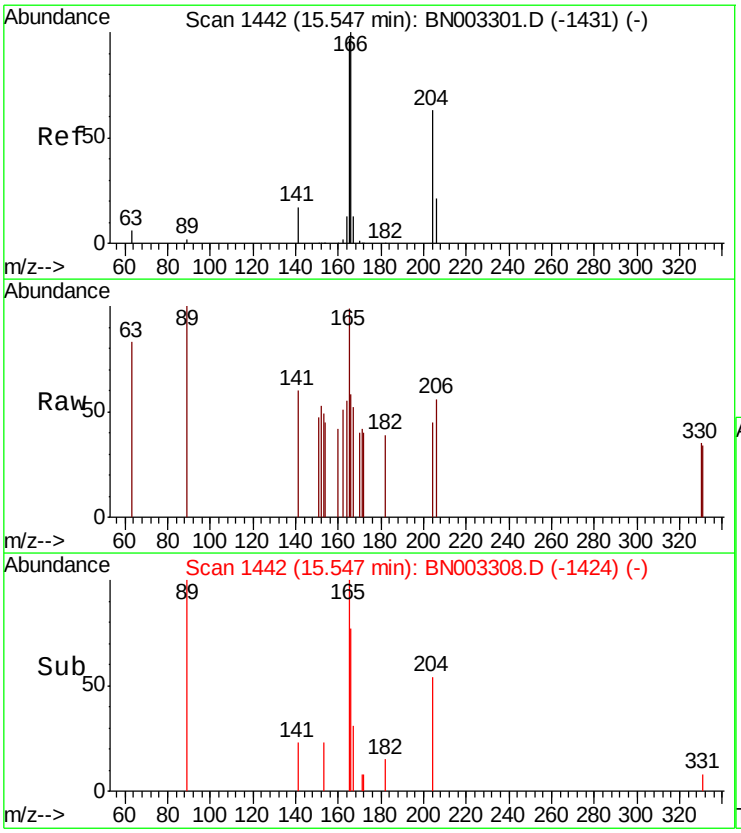
#17
Acenaphthene
Concen: 0.000 ng
RT: 14.57 min Scan# 1354
Delta R.T. 0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:154 Resp: 9

Ion	Ratio	Lower	Upper
154	100		
153	255.6	88.9	133.3#
152	200.0	43.5	65.3#

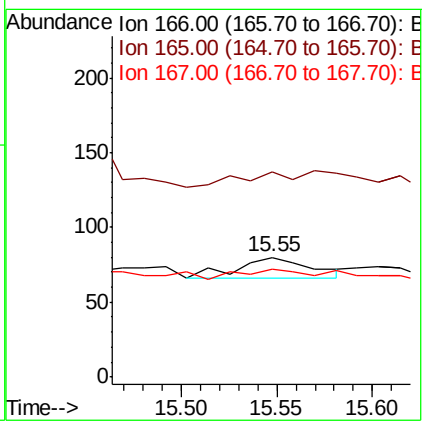


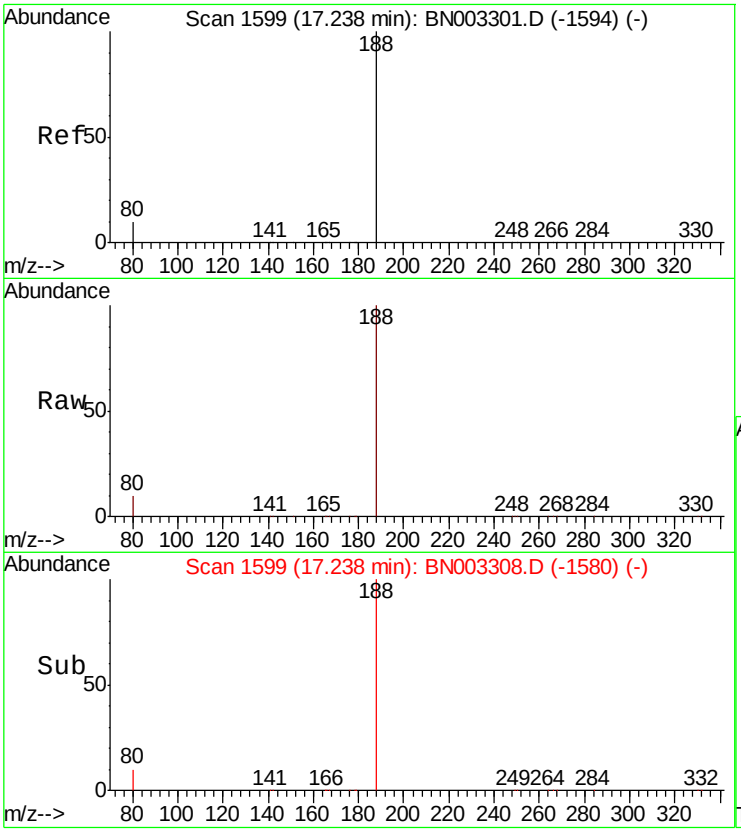


#18
Fluorene
Concen: 0.000 ng
RT: 15.55 min Scan# 1442
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:166 Resp: 37

Ion	Ratio	Lower	Upper
166	100		
165	0.0	77.8	116.8#
167	43.2	10.9	16.3#



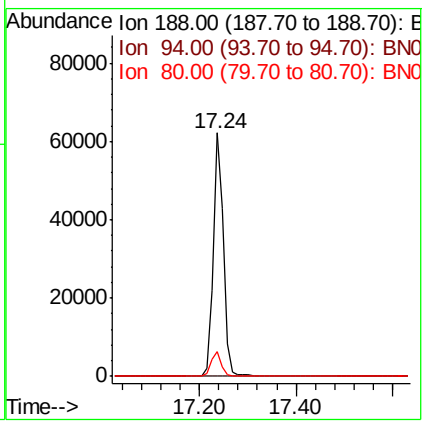


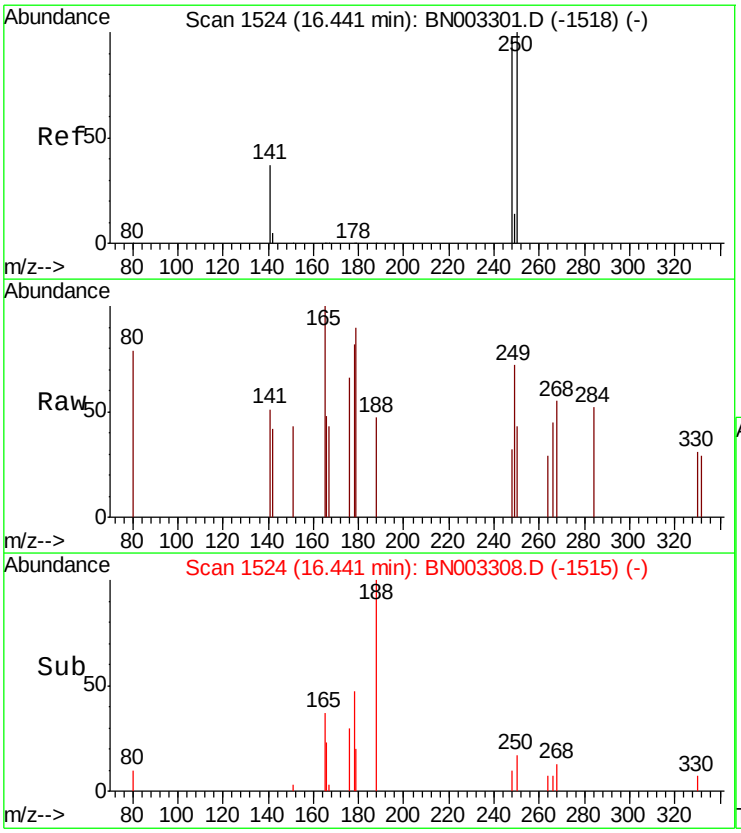
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:188 Resp: 90022

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.4	8.6	12.8

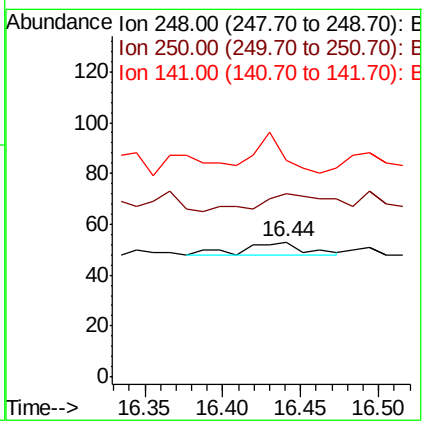


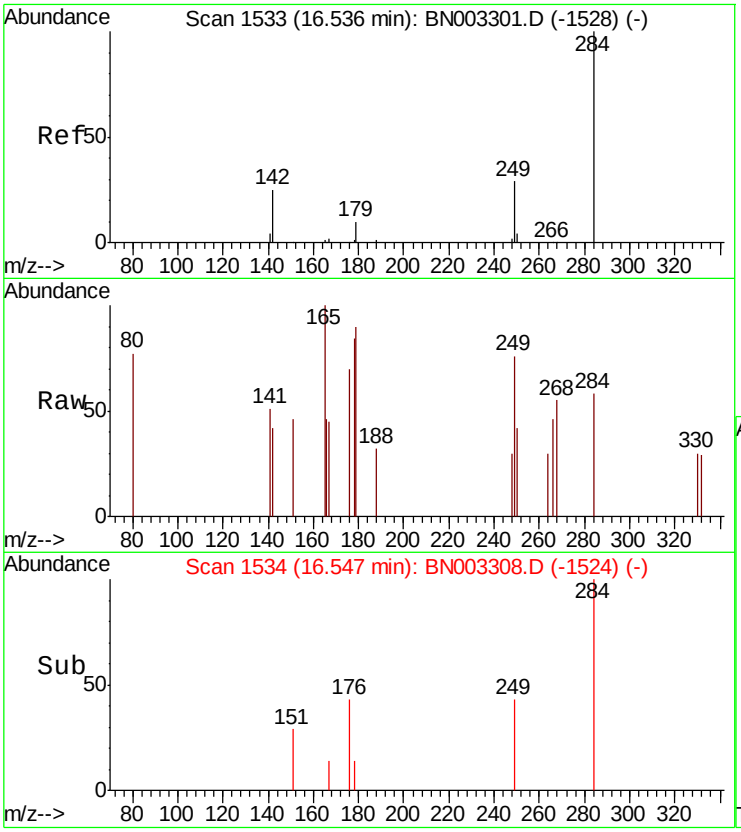


#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.44 min Scan# 1524
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:248 Resp: 13

Ion	Ratio	Lower	Upper
248	100		
250	135.8	83.7	125.5#
141	160.4	31.4	47.0#



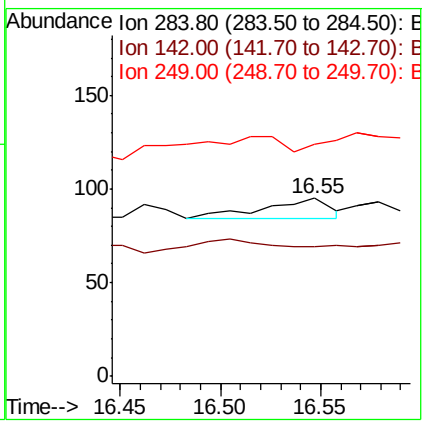


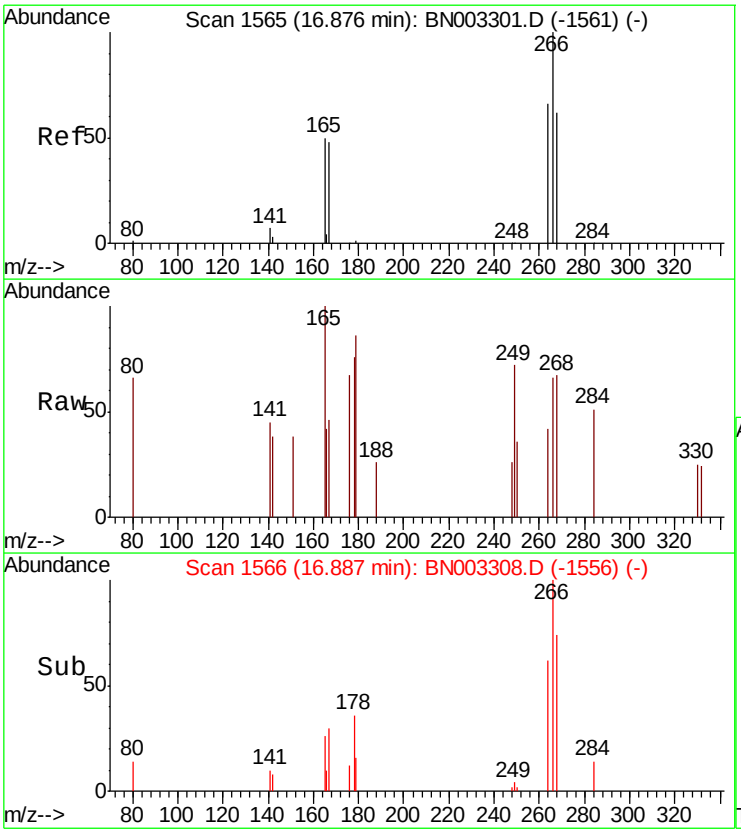
#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.55 min Scan# 1534
Delta R.T. 0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:284 Resp: 26

Ion	Ratio	Lower	Upper
284	100		
142	0.0	29.7	44.5#
249	0.0	24.0	36.0#

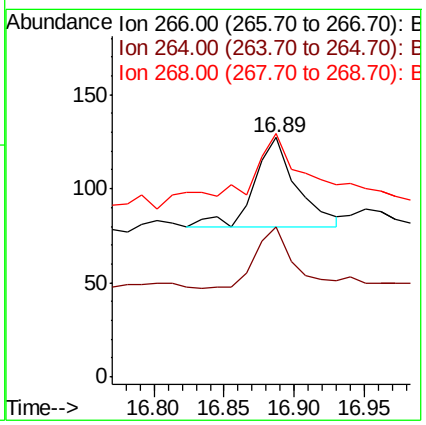


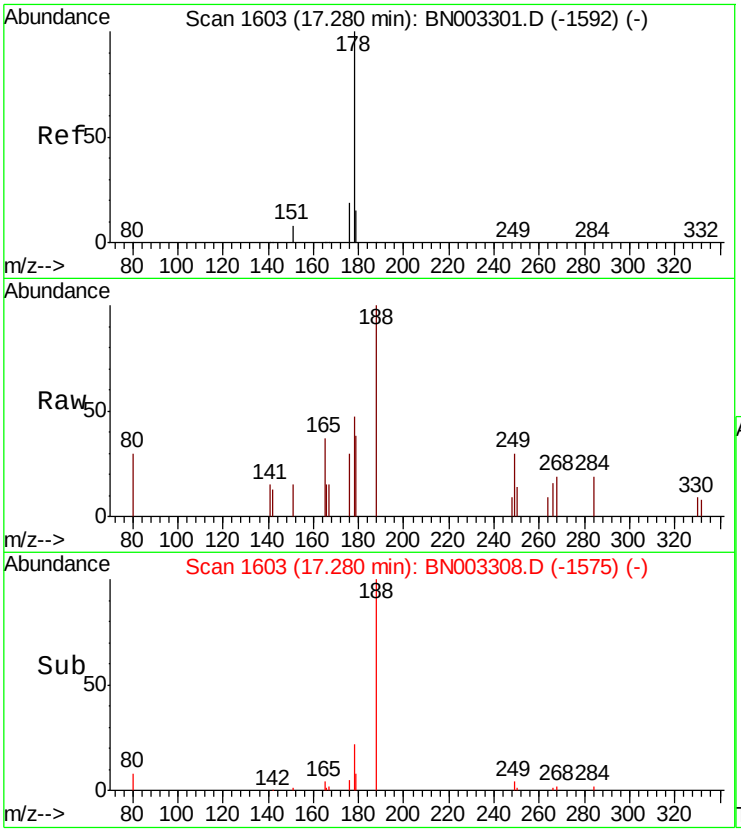


#22
Pentachlorophenol
Concen: 0.007 ng
RT: 16.89 min Scan# 1566
Delta R.T. 0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:266 Resp: 98

Ion	Ratio	Lower	Upper
266	100		
264	63.0	52.1	78.1
268	101.6	51.8	77.6#



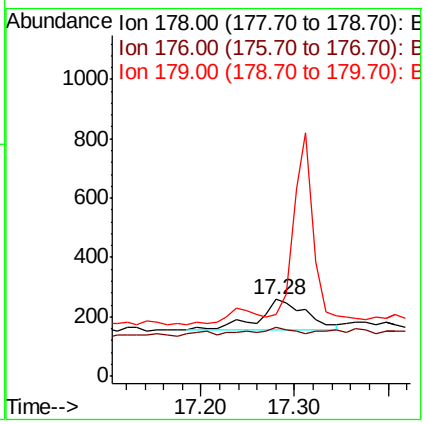


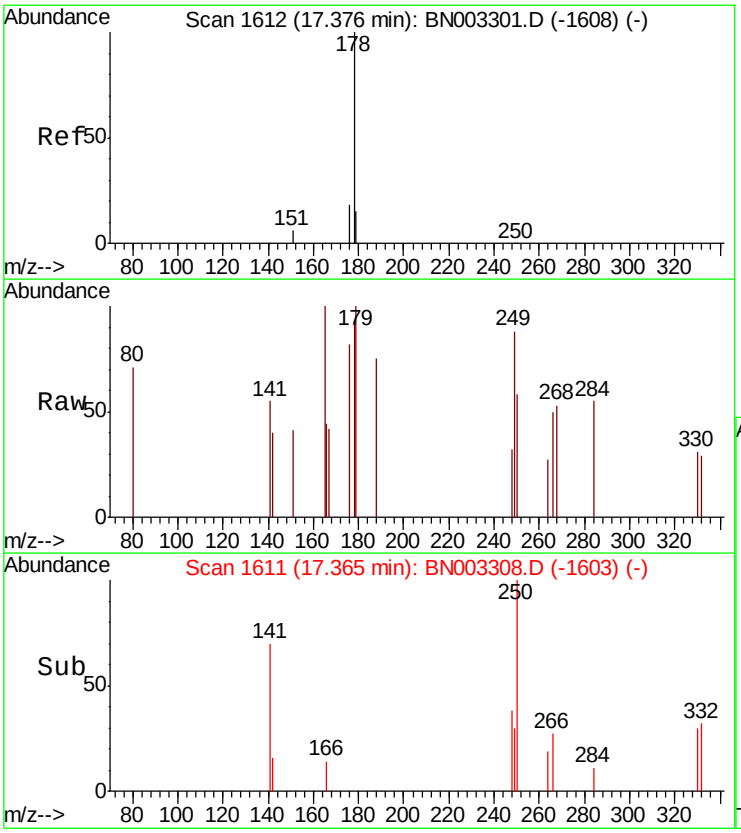
#23
Phenanthrene
Concen: 0.001 ng
RT: 17.28 min Scan# 1603
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:178 Resp: 367

Ion	Ratio	Lower	Upper
178	100		
176	18.0	15.1	22.7
179	0.0	12.4	18.6#

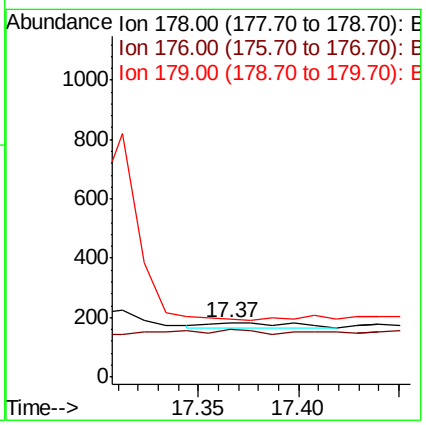


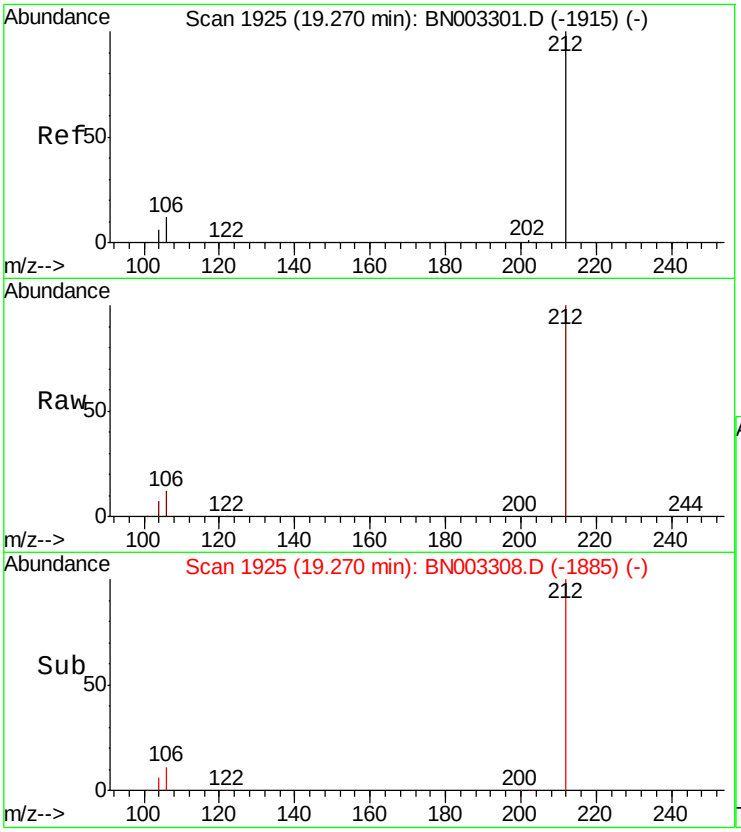


#24
Anthracene
Concen: 0.000 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:178 Resp: 50

Ion	Ratio	Lower	Upper
178	100		
176	36.0	14.5	21.7#
179	0.0	12.2	18.4#



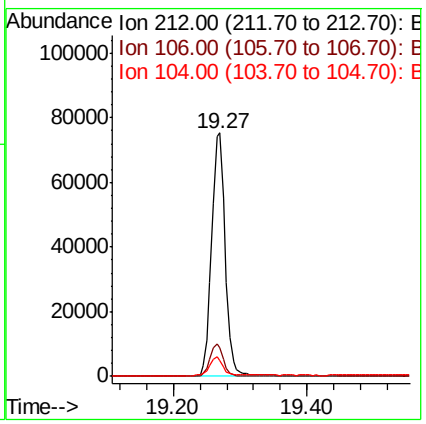


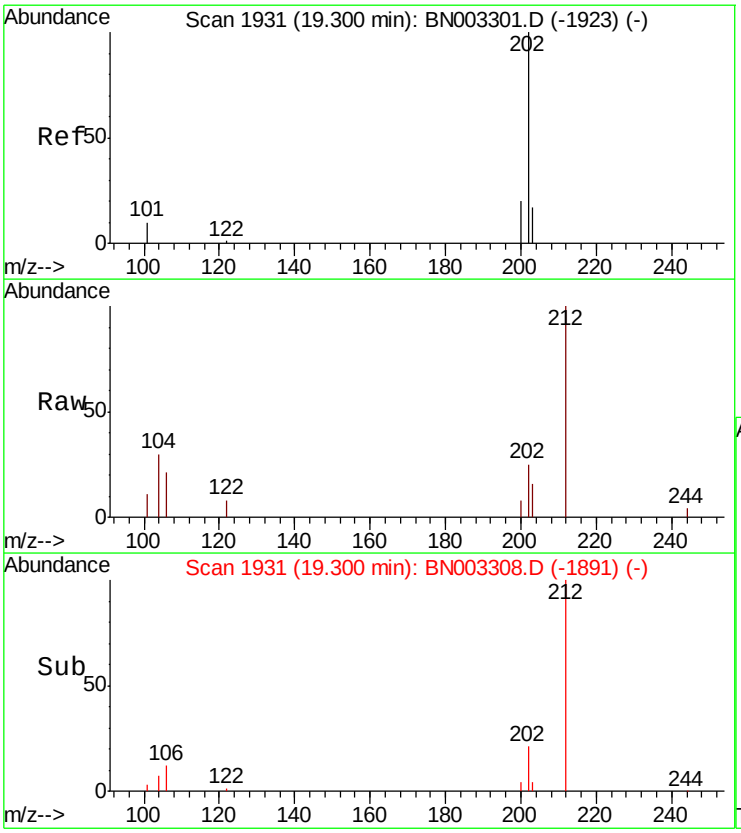
#25
Fluoranthene-d10
Concen: 0.407 ng
RT: 19.27 min Scan# 1925
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:212 Resp: 106643

Ion	Ratio	Lower	Upper
212	100		
106	13.0	10.3	15.5
104	7.2	5.6	8.4

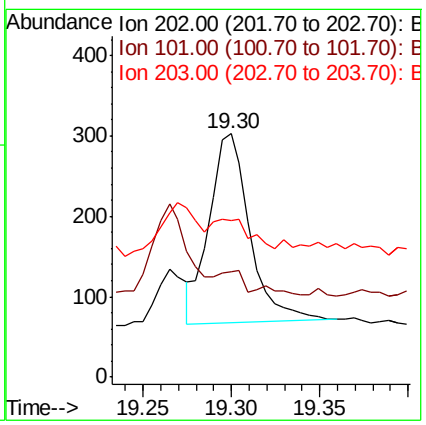


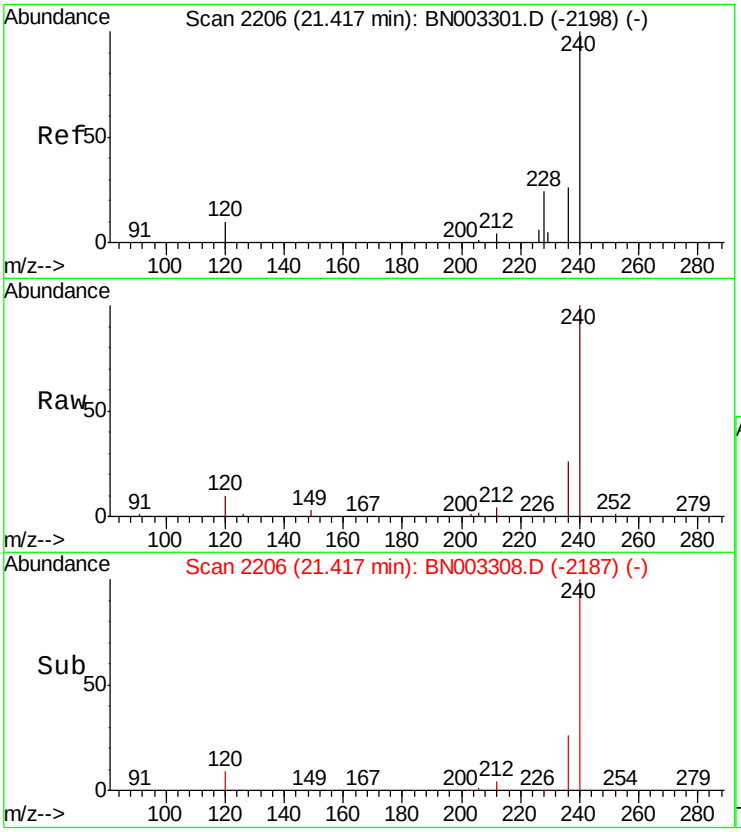


#26
Fluoranthene
Concen: 0.001 ng
RT: 19.30 min Scan# 1931
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:202 Resp: 377

Ion	Ratio	Lower	Upper
202	100		
101	5.3	9.0	13.4#
203	0.0	13.8	20.6#



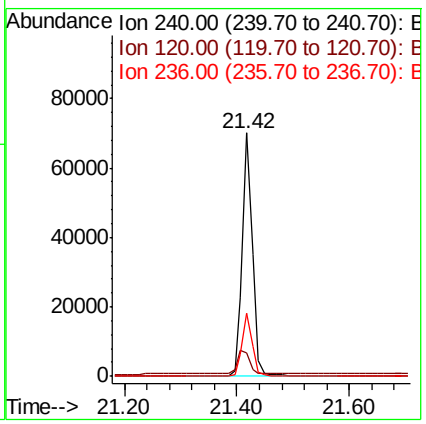


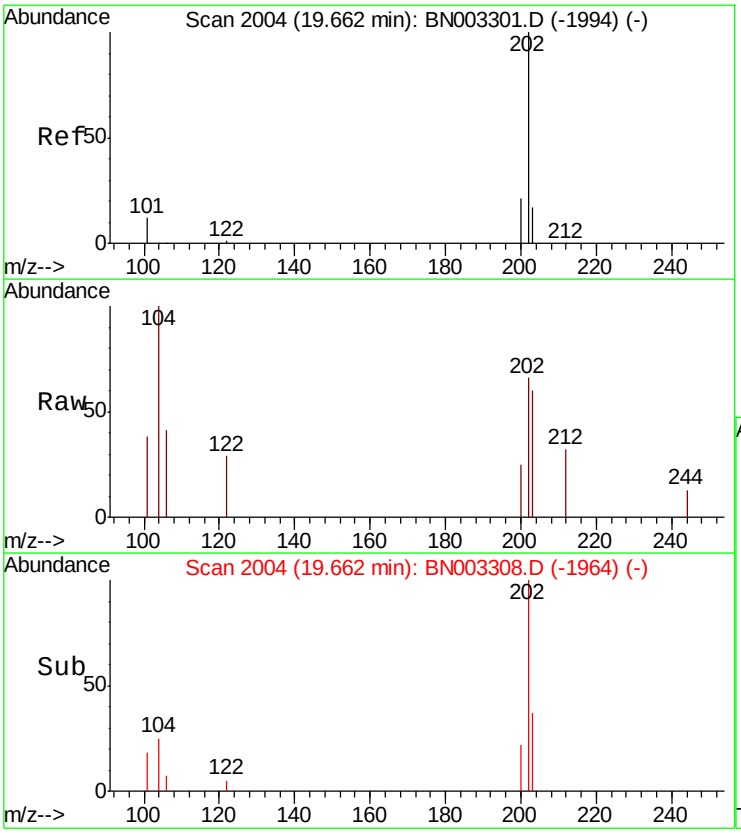
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:240 Resp: 87355

Ion	Ratio	Lower	Upper
240	100		
120	9.8	9.3	13.9
236	25.8	21.0	31.4

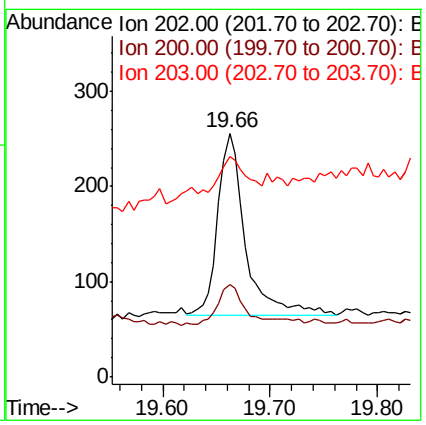


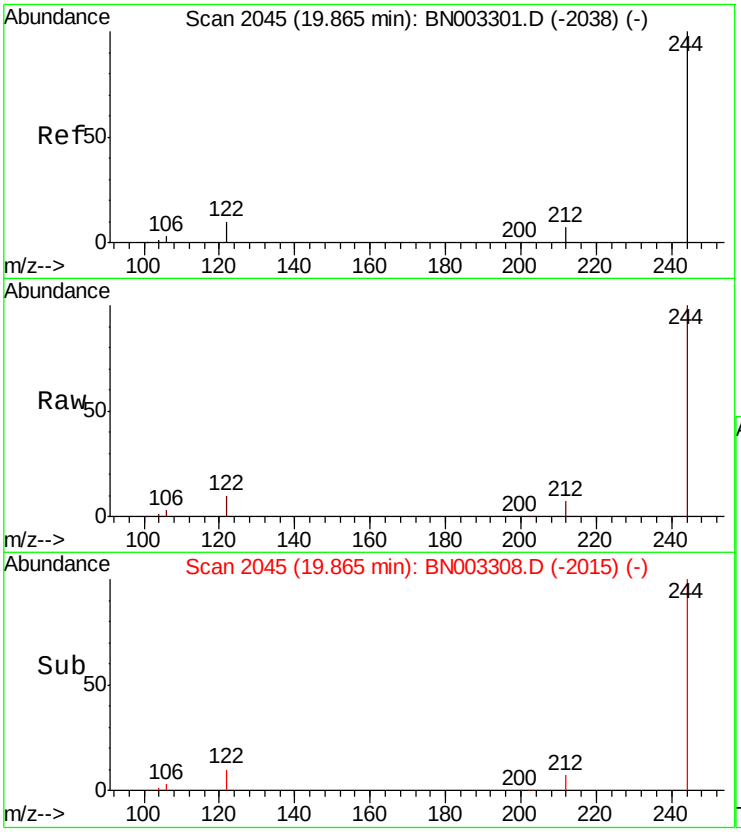


#28
Pyrene
Concen: 0.001 ng
RT: 19.66 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:202 Resp: 340

Ion	Ratio	Lower	Upper
202	100		
200	22.6	16.5	24.7
203	17.6	13.9	20.9



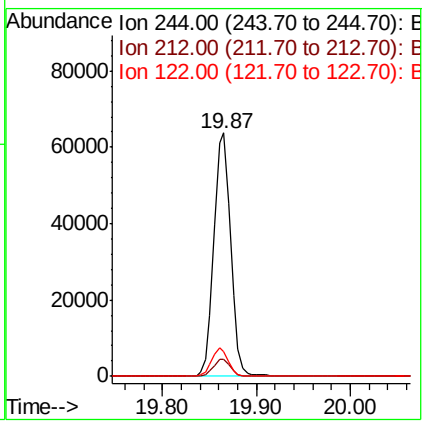


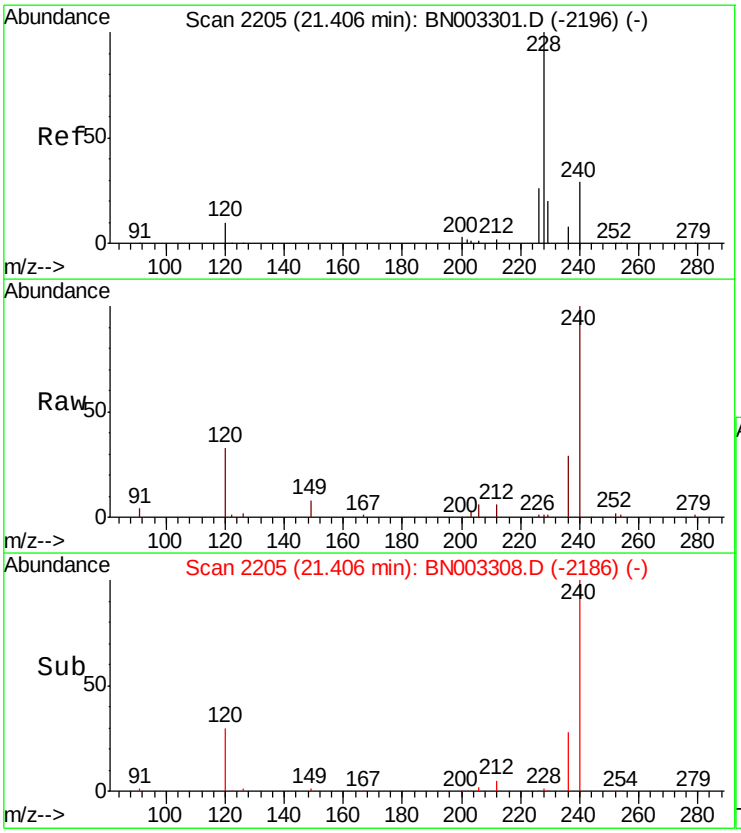
#29
Terphenyl-d14
Concen: 0.388 ng
RT: 19.87 min Scan# 2045
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:244 Resp: 78880

Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.6	8.4
122	10.1	8.5	12.7

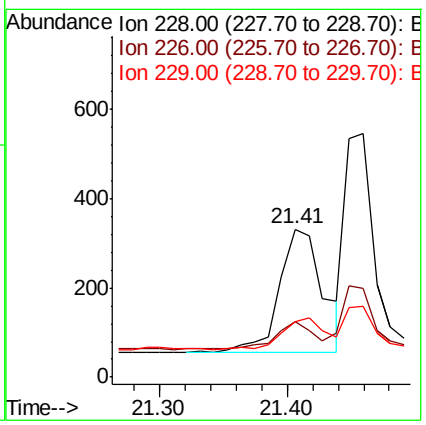


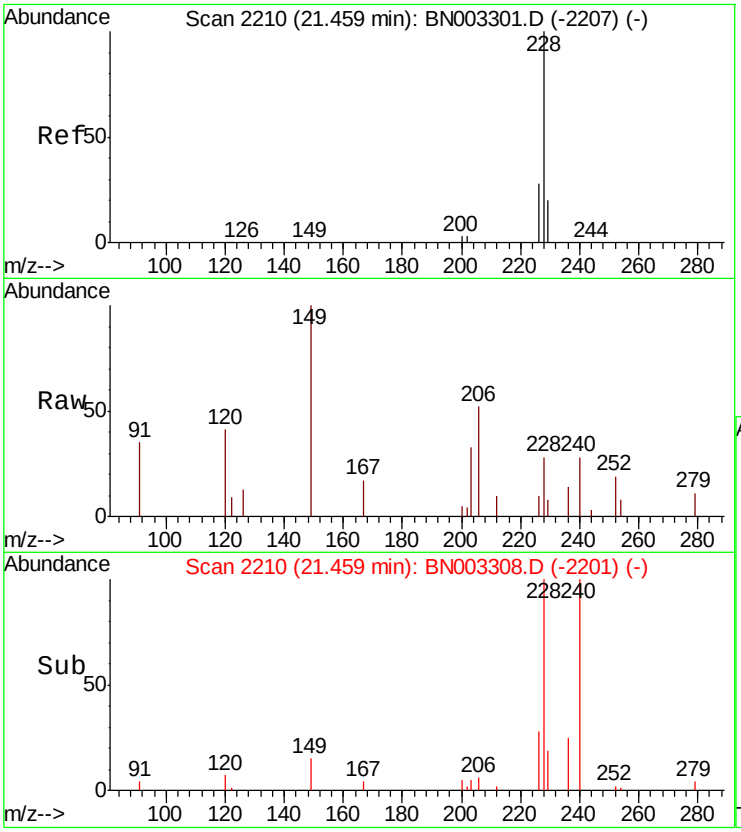


#30
Benzo(a)anthracene
Concen: 0.003 ng
RT: 21.41 min Scan# 2205
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:228 Resp: 644

Ion	Ratio	Lower	Upper
228	100		
226	37.8	20.8	31.2#
229	37.8	16.1	24.1#



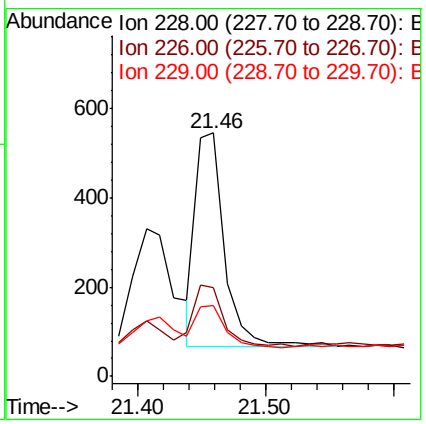


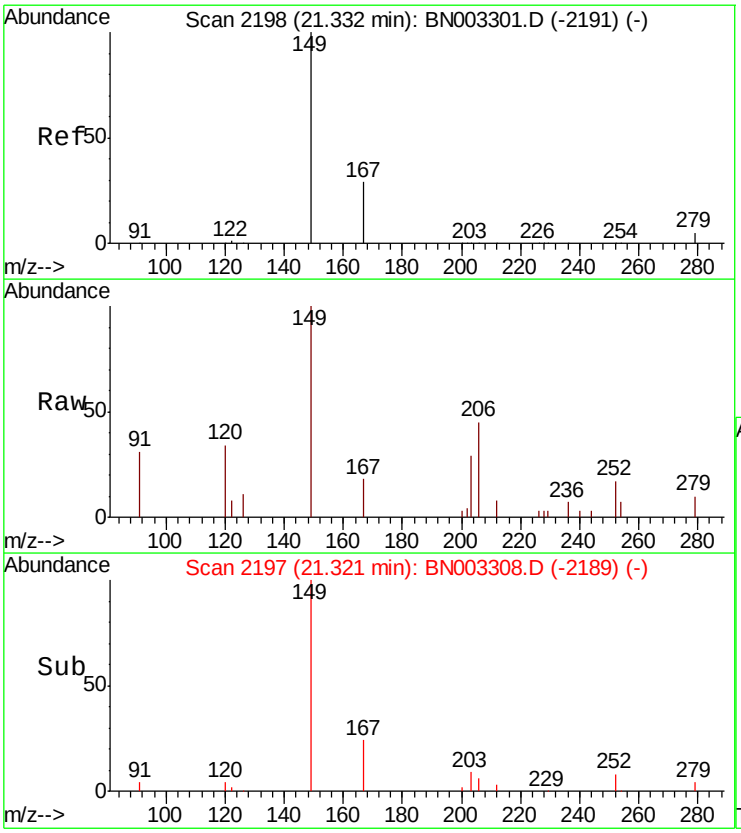
#31
Chrysene
Concen: 0.003 ng
RT: 21.46 min Scan# 2210
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:228 Resp: 755

Ion	Ratio	Lower	Upper
228	100		
226	36.7	22.7	34.1#
229	29.4	16.0	24.0#

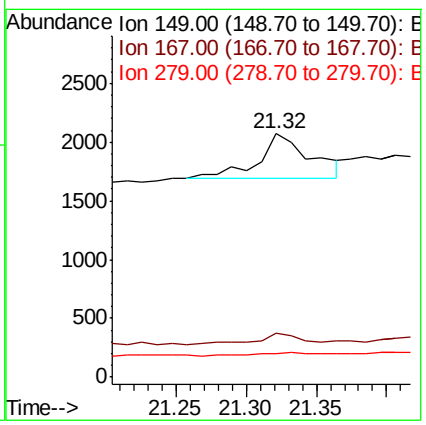


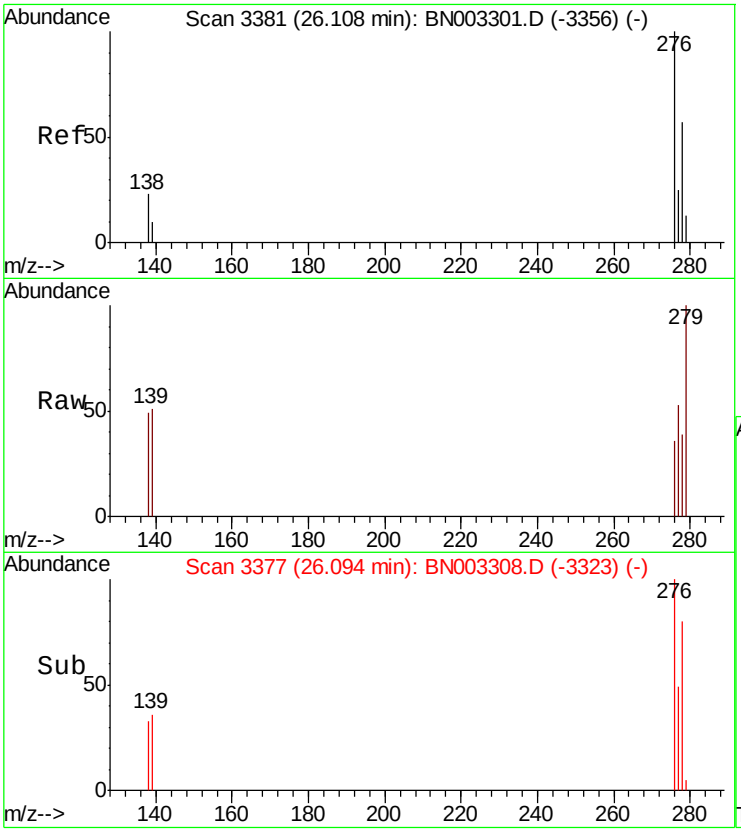


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.015 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:149 Resp: 1012

Ion	Ratio	Lower	Upper
149	100		
167	19.8	22.4	33.6#
279	9.2	3.9	5.9#



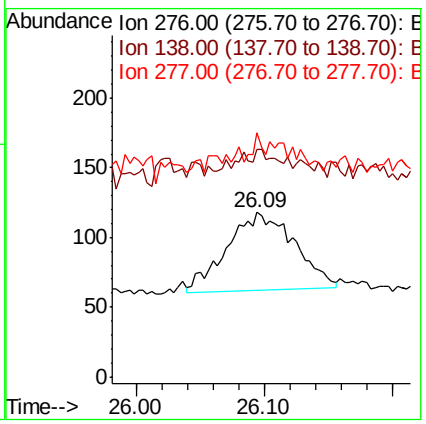


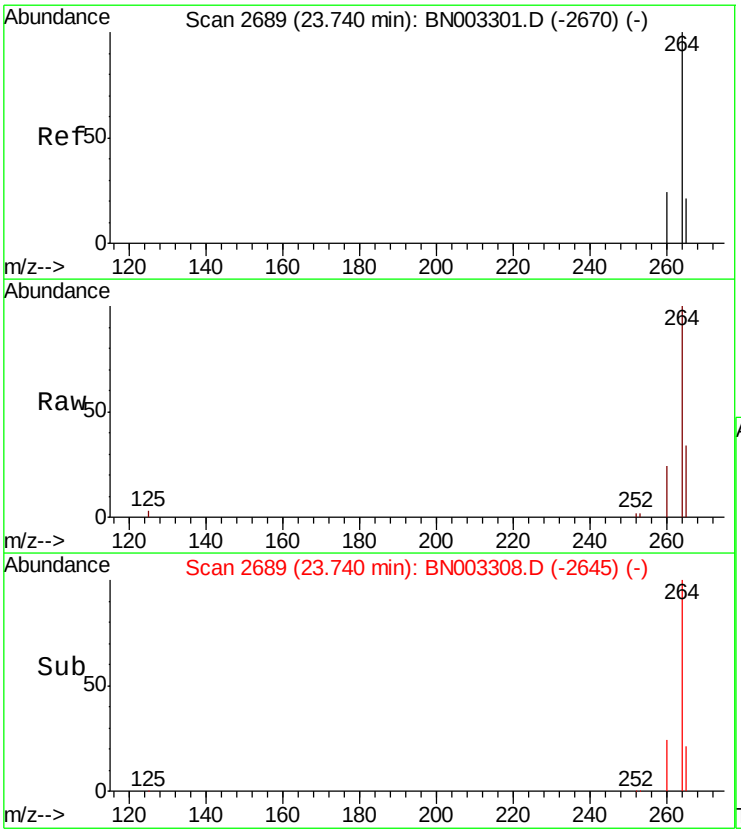
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.001 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:276 Resp: 205

Ion	Ratio	Lower	Upper
276	100		
138	7.3	20.6	30.8#
277	4.9	20.0	30.0#

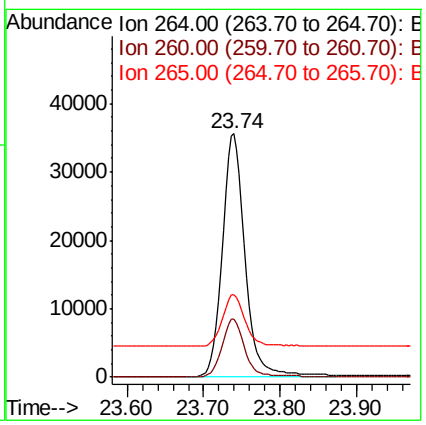


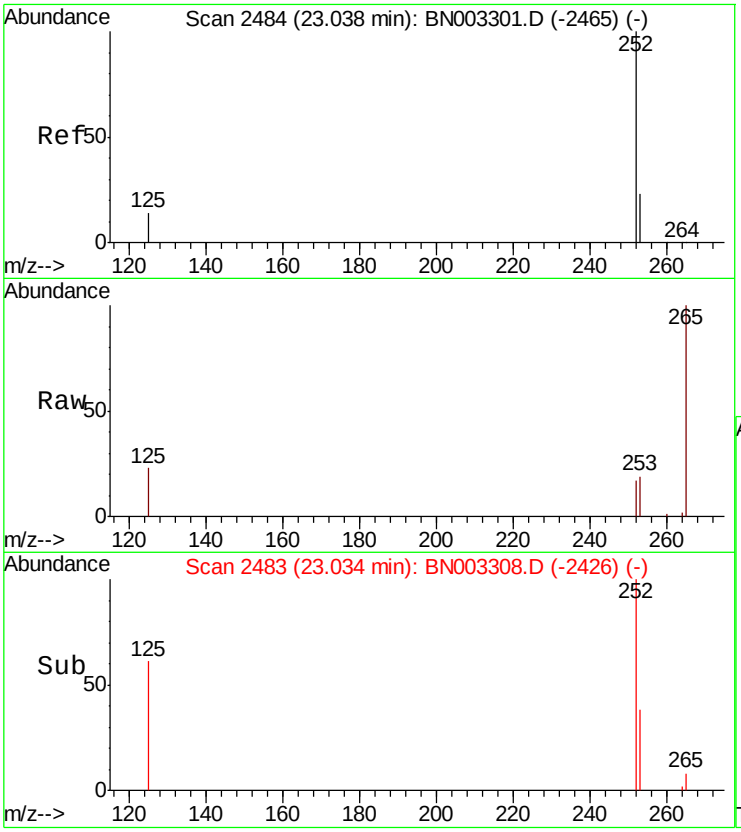


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.74 min Scan# 2689
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:264 Resp: 74244

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	34.0	26.4	39.6



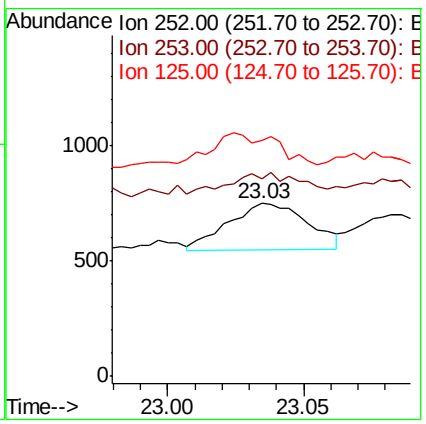


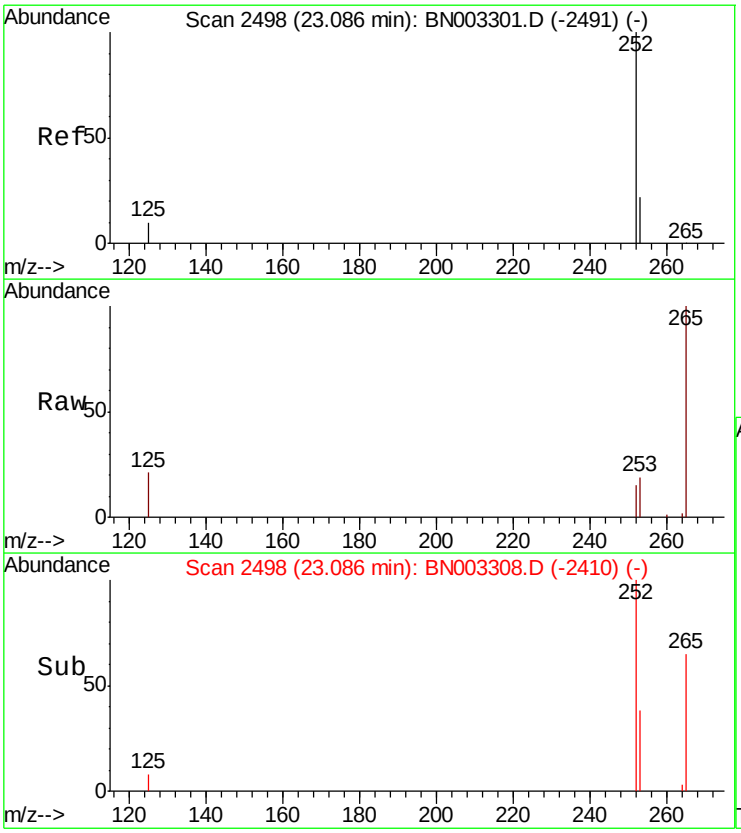
#35
Benzo(b)fluoranthene
Concen: 0.002 ng
RT: 23.03 min Scan# 2483
Delta R.T. -0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:252 Resp: 407

Ion	Ratio	Lower	Upper
252	100		
253	114.0	19.3	28.9#
125	136.6	12.7	19.1#

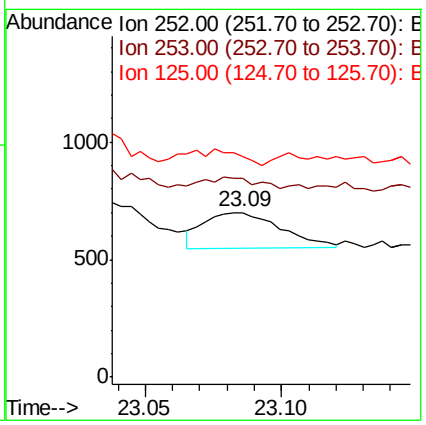


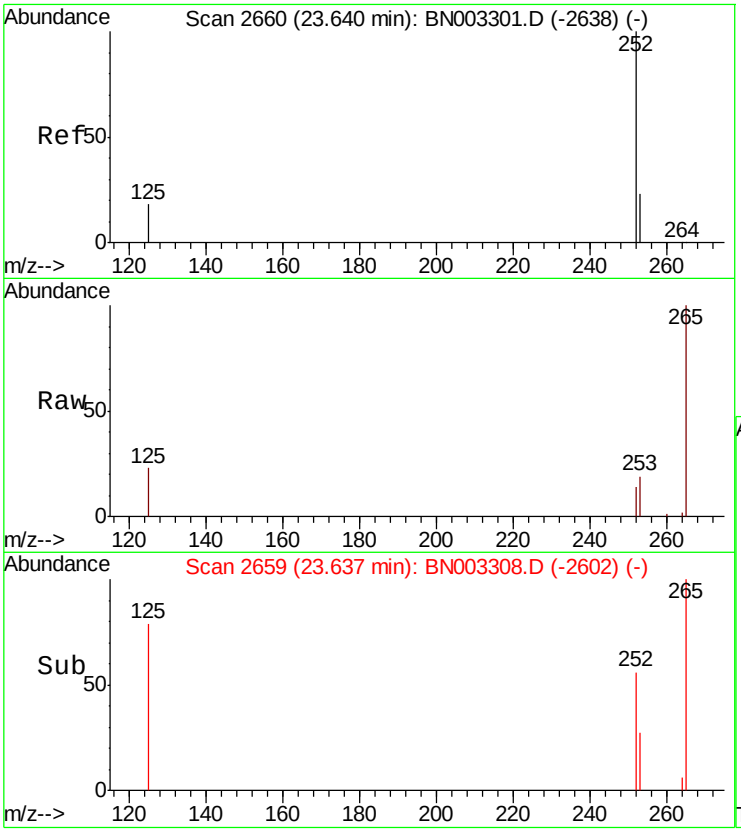


#36
Benzo(k)fluoranthene
Concen: 0.001 ng
RT: 23.09 min Scan# 2498
Delta R.T. 0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:252 Resp: 295

Ion	Ratio	Lower	Upper
252	100		
253	121.0	18.5	27.7#
125	134.0	9.1	13.7#



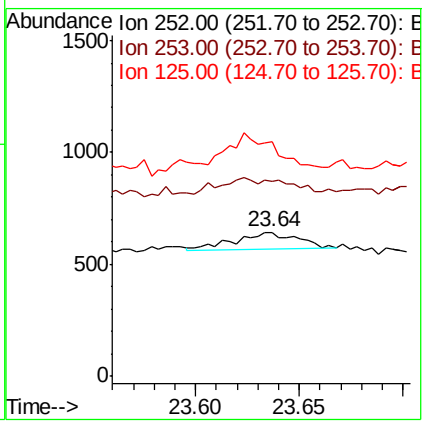


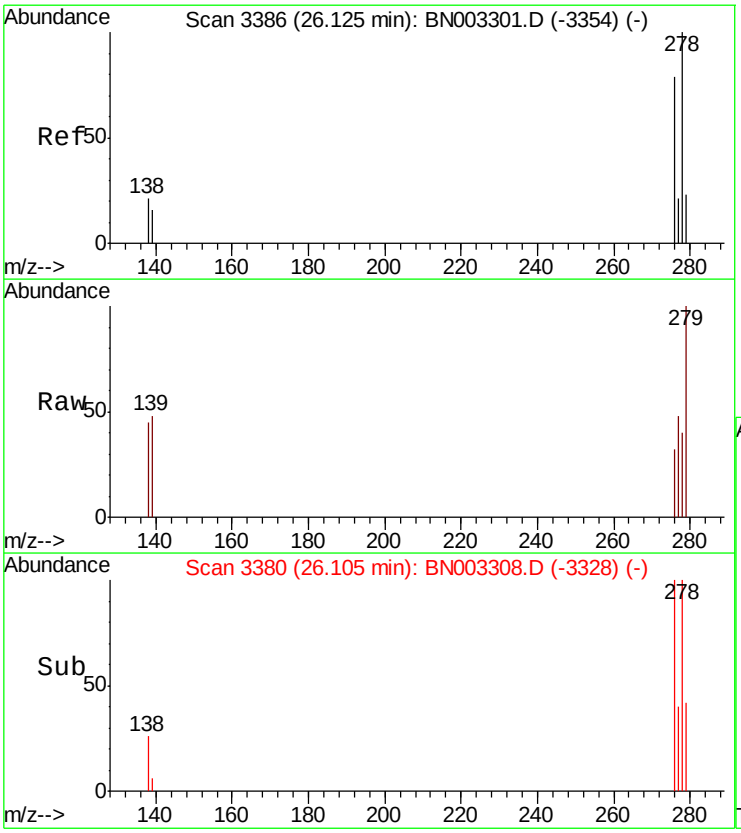
#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.64 min Scan# 2659
Delta R.T. -0.00 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:252 Resp: 160

Ion	Ratio	Lower	Upper
252	100		
253	135.5	20.1	30.1#
125	163.1	16.0	24.0#

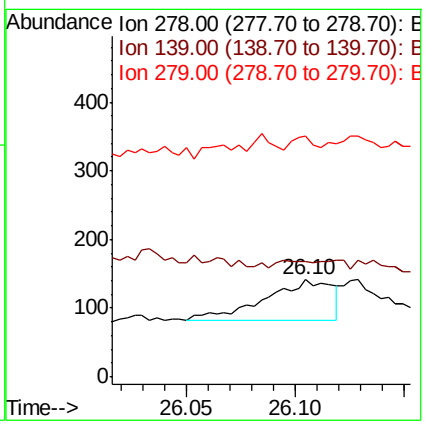


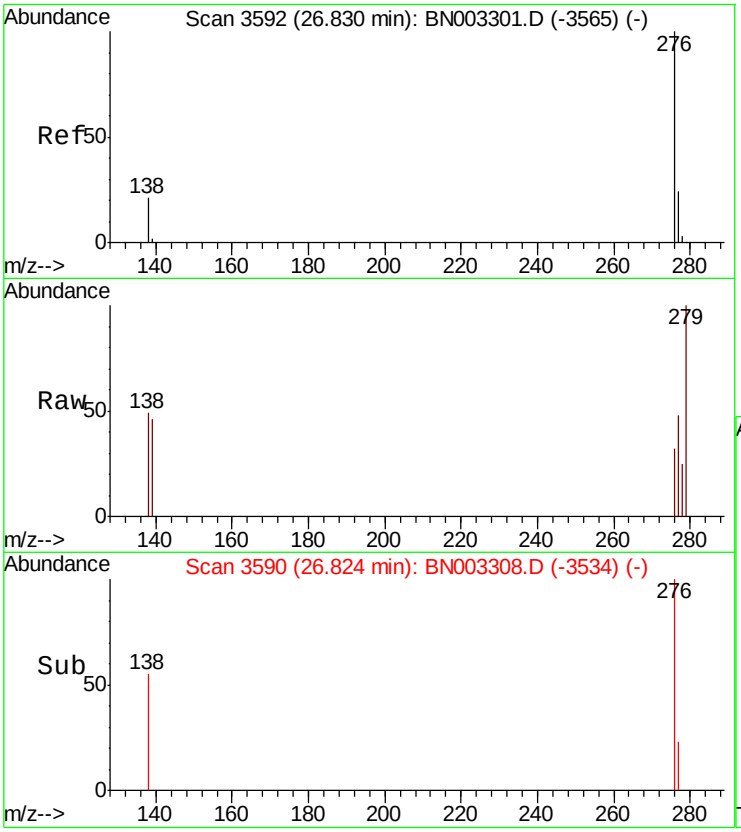


#38
Dibenzo(a,h)anthracene
Concen: 0.001 ng
RT: 26.10 min Scan# 3380
Delta R.T. -0.02 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Tgt Ion:278 Resp: 129

Ion	Ratio	Lower	Upper
278	100		
139	119.1	13.5	20.3#
279	248.2	19.8	29.6#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.82 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BN003308.D
Acq: 26 Oct 2018 17:07

Instrument :
BNA_N
ClientSampleId :
PB113752BL

Tgt Ion:276 Resp: 170

Ion	Ratio	Lower	Upper
276	100		
277	150.9	19.5	29.3#
138	156.6	17.4	26.2#