Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102918\
Data File : BN003335.D
Acq On : 29 Oct 2018 16:40
Operator : MJ/SJ
Sample : PB114224BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB114224BS

Quant Time: Oct 30 06:45:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	14920	0.40	ng		0.00
7) Naphthalene-d8	10.66	136	64098	0.40	ng		-0.01
13) Acenaphthene-d10	14.49	164	37680	0.40	ng		-0.01
19) Phenanthrene-d10	17.24	188	87733	0.40	ng		0.00
27) Chrysene-d12	21.42	240	91692	0.40	ng		0.00
34) Perylene-d12	23.73	264	88238	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.43	112	14415	0.39	ng		0.00
5) Phenol-d6	7.01	99	18024	0.39	ng		0.00
8) Nitrobenzene-d5	9.02	82	13172	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.24	152	30938	0.30	ng		0.00
14) 2,4,6-Tribromophenol	15.98	330	4788	0.32	ng		0.00
15) 2-Fluorobiphenyl	13.12	172	53388	0.33	ng		-0.01
25) Fluoranthene-d10	19.26	212	66868	0.26	ng		-0.01
29) Terphenyl-d14	19.86	244	61637	0.29	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.34	88	4062	0.210	ng	#	57
3) n-Nitrosodimethylamine	3.67	42	3434	0.386	ng	#	81
6) bis(2-Chloroethyl)ether	7.29	93	12938	0.311	ng		99
9) Naphthalene	10.71	128	48558	0.310	ng		99
10) Hexachlorobutadiene	10.97	225	7827	0.273	ng	#	99
12) 2-Methylnaphthalene	12.32	142	34957	0.319	ng		98
16) Acenaphthylene	14.21	152	49069	0.292	ng		100
17) Acenaphthene	14.56	154	32857	0.282	ng		100
18) Fluorene	15.54	166	41930	0.288	ng		100
20) 4-Bromophenyl-phenylether	16.43	248	13616	0.268	ng	#	92
21) Hexachlorobenzene	16.54	284	14587	0.272	ng		99
22) Pentachlorophenol	16.88	266	8789	0.605	ng		98
23) Phenanthrene	17.28	178	69350	0.288	ng		100
24) Anthracene	17.37	178	60089	0.291	ng		100
26) Fluoranthene	19.29	202	74571	0.270	ng		100
28) Pyrene	19.66	202	74119	0.292	ng		99
30) Benzo(a)anthracene	21.40	228	72920	0.303	ng		98
31) Chrysene	21.45	228	73701	0.284	ng		98
32) Bis(2-ethylhexyl)phthalate	21.32	149	24583	0.346	ng		99
33) Indeno(1,2,3-cd)pyrene	26.09	276	78496	0.293	ng		98
35) Benzo(b)fluoranthene	23.03	252	78750	0.286	ng	#	96
36) Benzo(k)fluoranthene	23.08	252	74676	0.274	ng		99
37) Benzo(a)pyrene	23.63	252	71477	0.285	ng	#	93
38) Dibenzo(a,h)anthracene	26.11	278	65331	0.280	ng		100
39) Benzo(g,h,i)perylene	26.82	276	65649	0.281	ng		99

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

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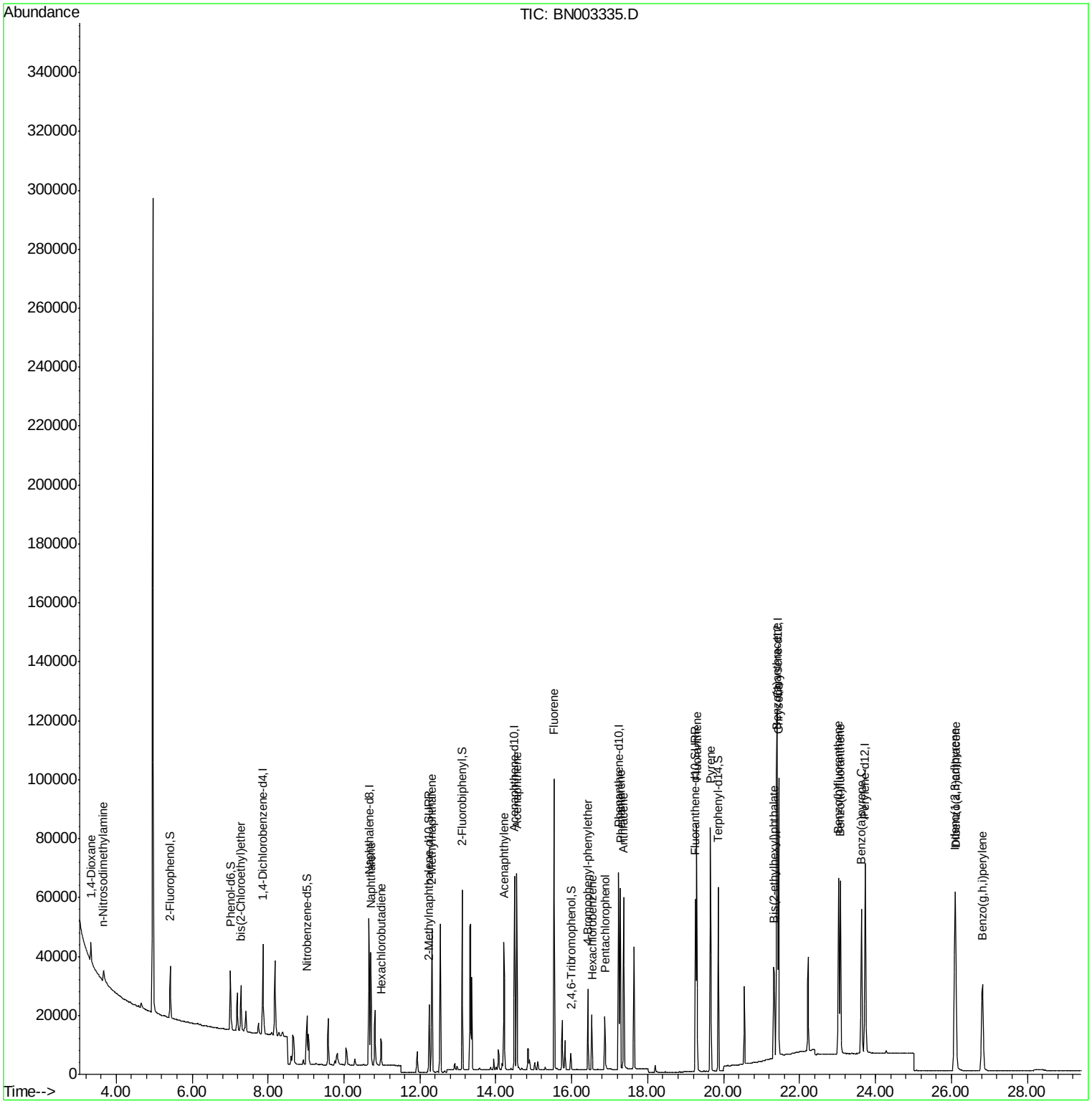
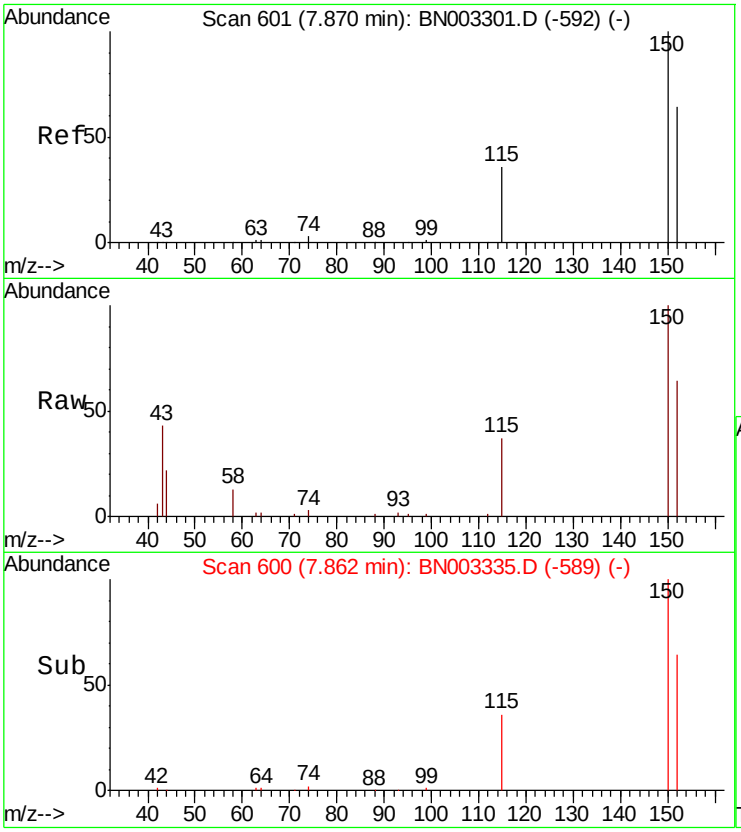
Data File : BN003335.D
Acq On : 29 Oct 2018 16:40
Operator : MJ/SJ
Sample : PB114224BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Quant Time: Oct 30 06:45:13 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 29 16:15:49 2018
Response via : Initial Calibration



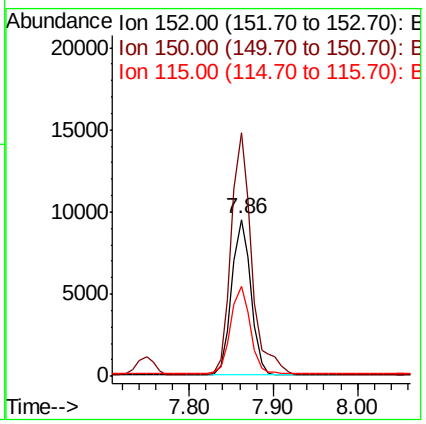


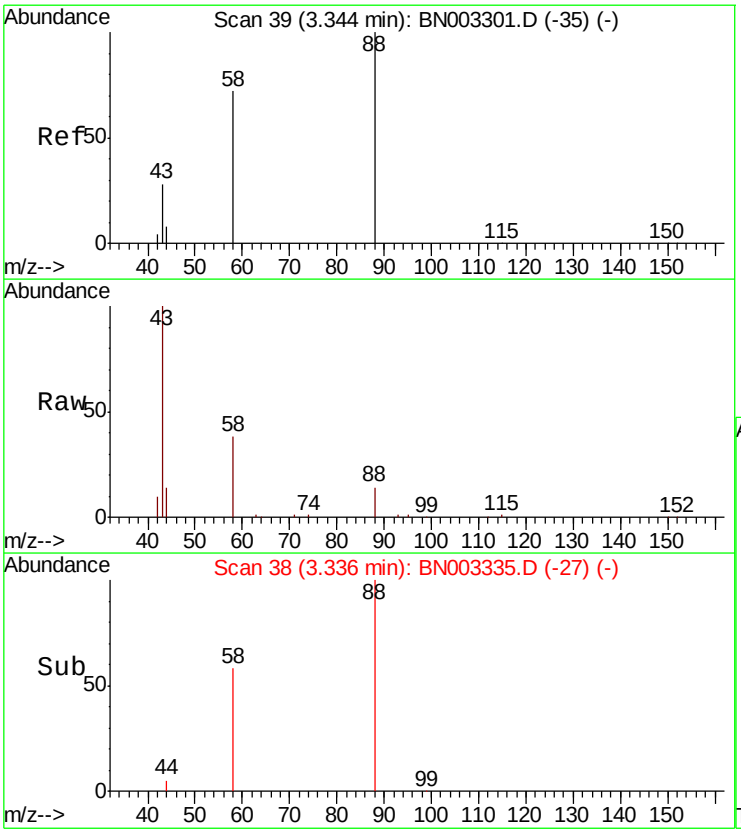
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.86 min Scan# 600
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:152 Resp: 14920

Ion	Ratio	Lower	Upper
152	100		
150	155.5	124.6	187.0
115	57.8	46.4	69.6

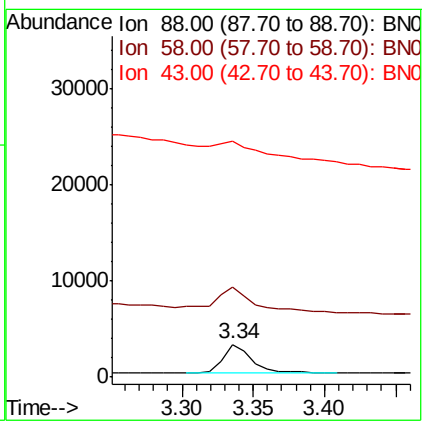


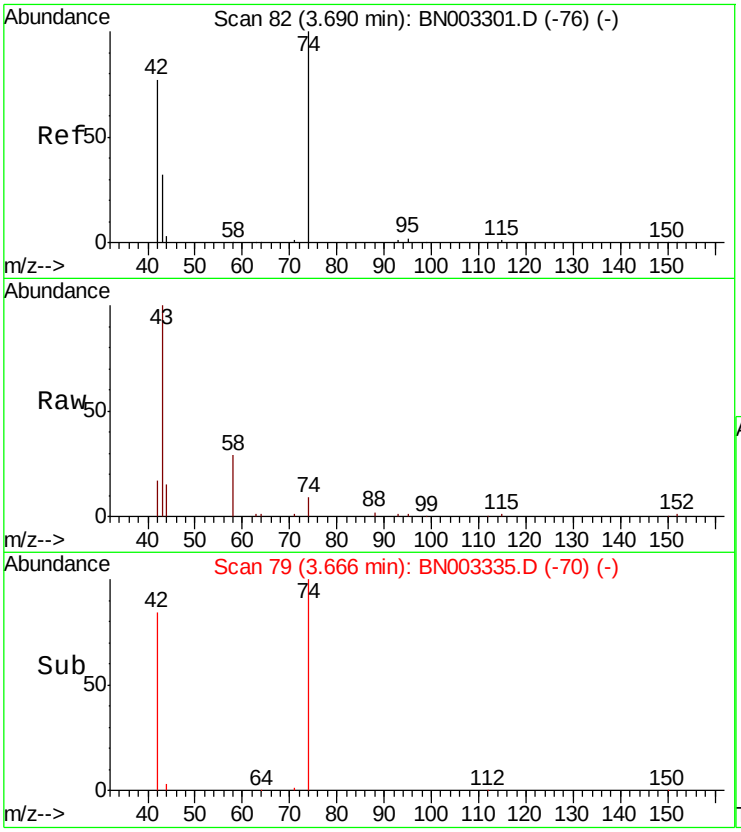


#2
1,4-Dioxane
Concen: 0.210 ng
RT: 3.34 min Scan# 38
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion: 88 Resp: 4062

Ion	Ratio	Lower	Upper
88	100		
58	108.3	60.9	91.3#
43	0.0	23.9	35.9#



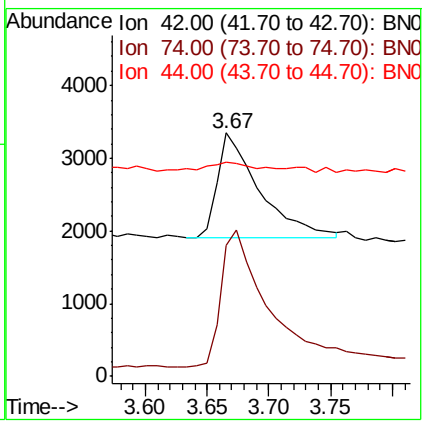


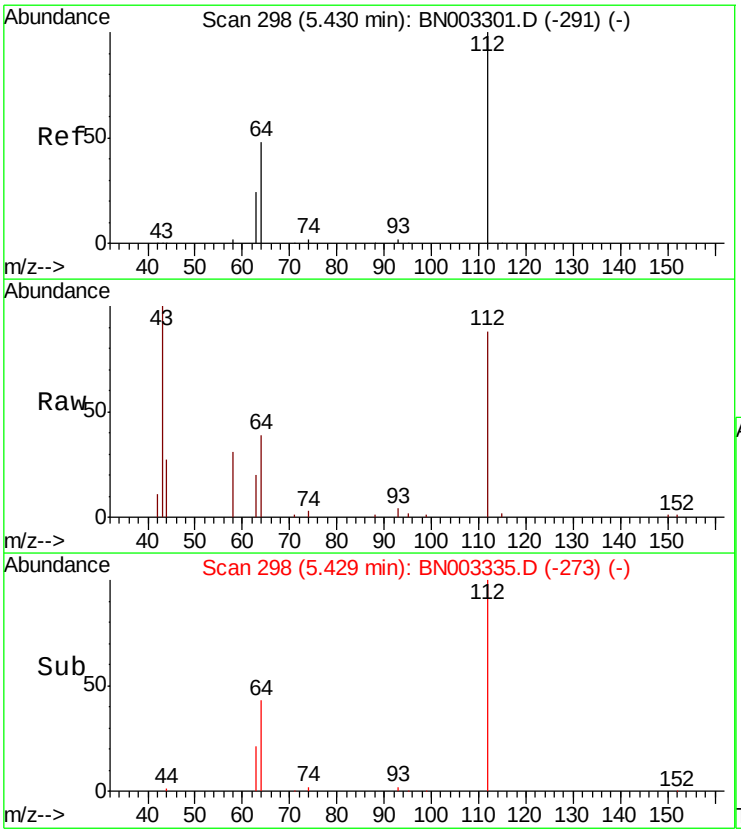
#3
n-Nitrosodimethylamine
Concen: 0.386 ng
RT: 3.67 min Scan# 79
Delta R.T. -0.02 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion: 42 Resp: 3434

Ion	Ratio	Lower	Upper
42	100		
74	145.7	99.1	148.7
44	7.1	4.2	6.4#

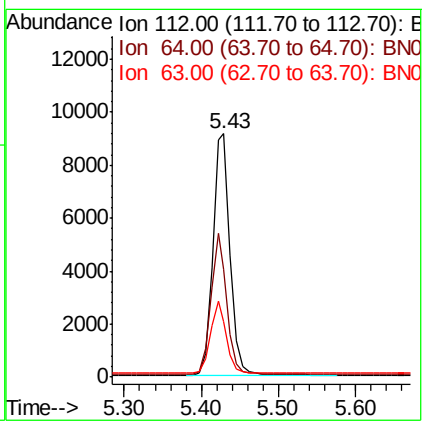


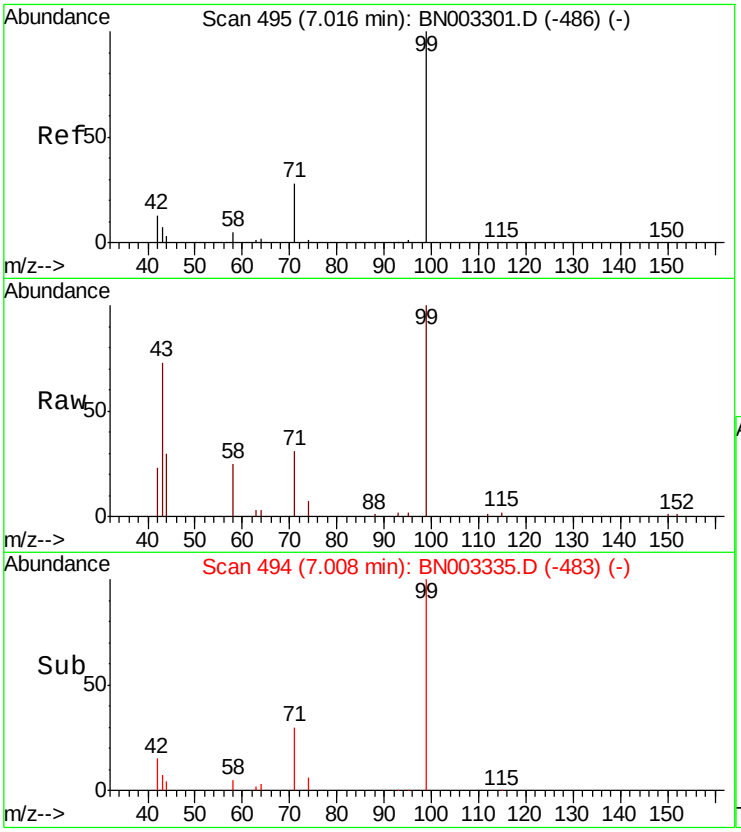


#4
2-Fluorophenol
Concen: 0.390 ng
RT: 5.43 min Scan# 298
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:112 Resp: 14415

Ion	Ratio	Lower	Upper
112	100		
64	53.5	44.3	66.5
63	27.3	22.4	33.6



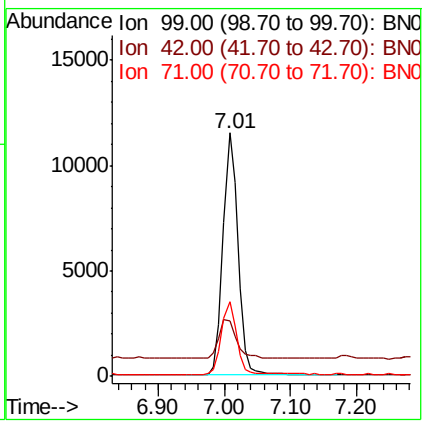


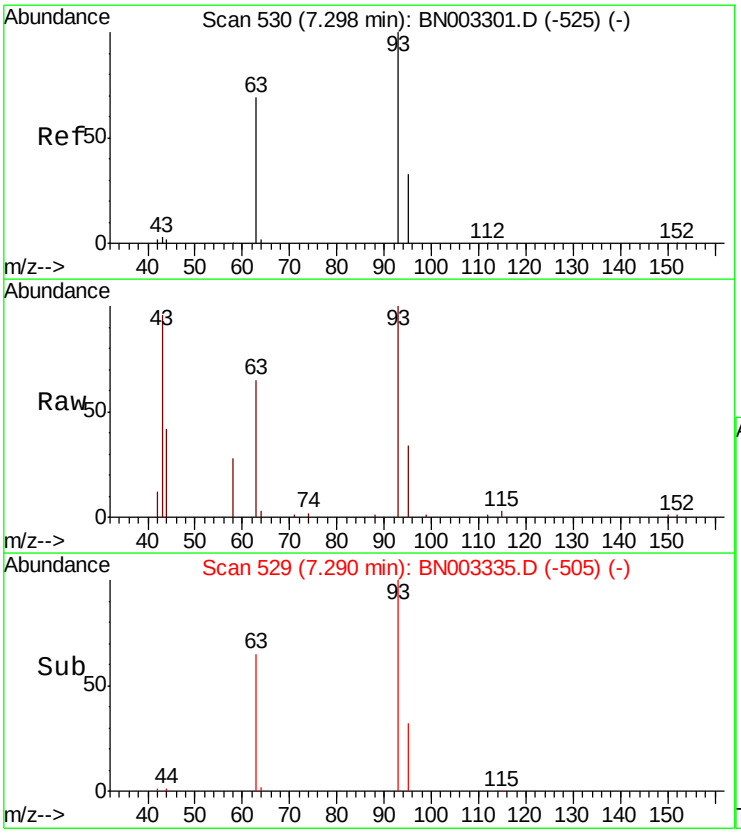
#5
Phenol-d6
Concen: 0.386 ng
RT: 7.01 min Scan# 494
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion: 99 Resp: 18024

Ion	Ratio	Lower	Upper
99	100		
42	18.6	14.8	22.2
71	30.1	24.8	37.2

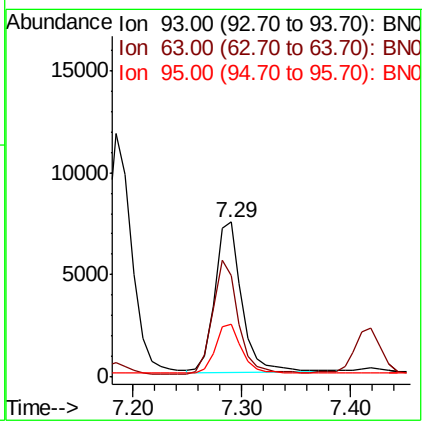


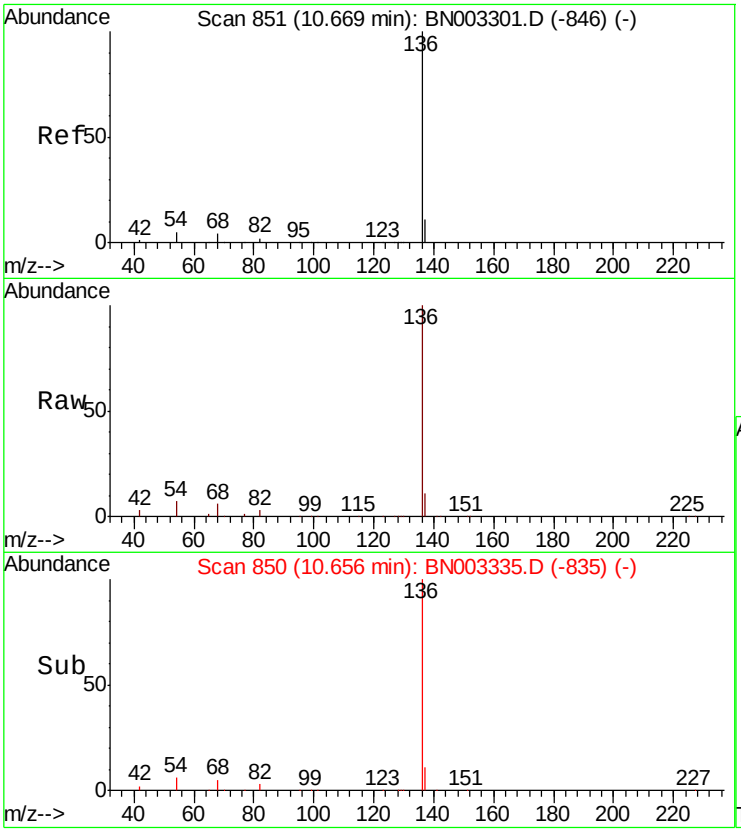


#6
bis(2-Chloroethyl)ether
Concen: 0.311 ng
RT: 7.29 min Scan# 529
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion: 93 Resp: 12938

Ion	Ratio	Lower	Upper
93	100		
63	70.8	55.8	83.6
95	31.7	25.4	38.2



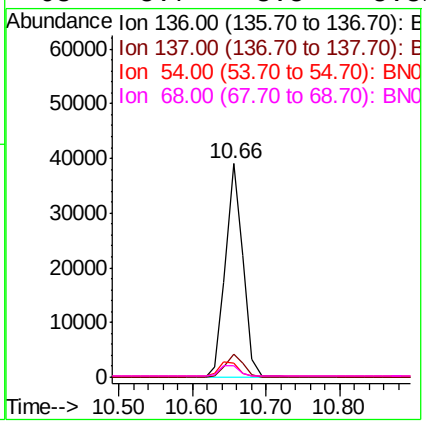


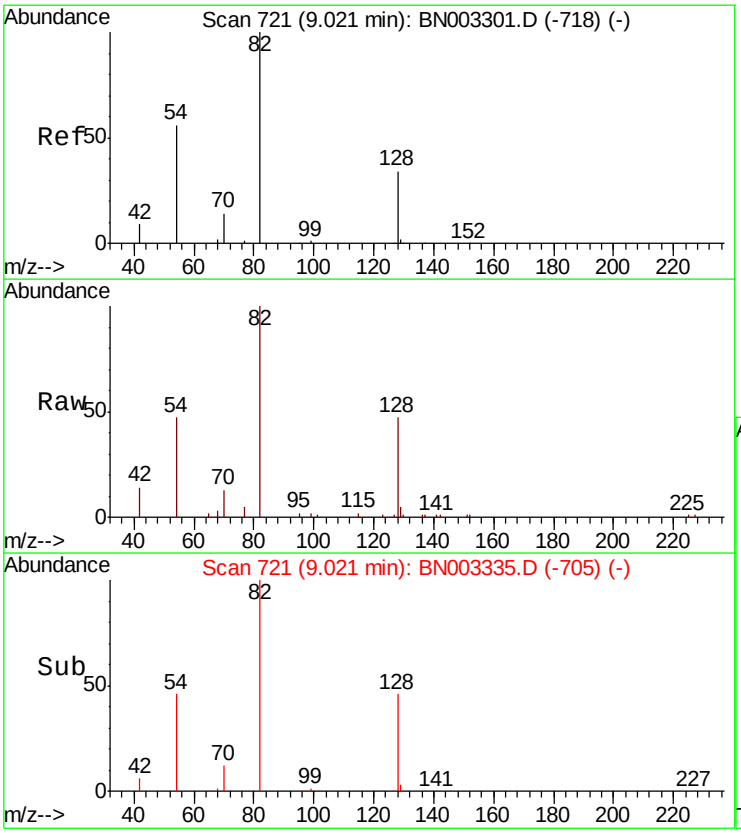
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.66 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:136 Resp: 64098

Ion	Ratio	Lower	Upper
136	100		
137	11.1	9.0	13.4
54	6.6	4.1	6.1#
68	5.7	3.5	5.3#

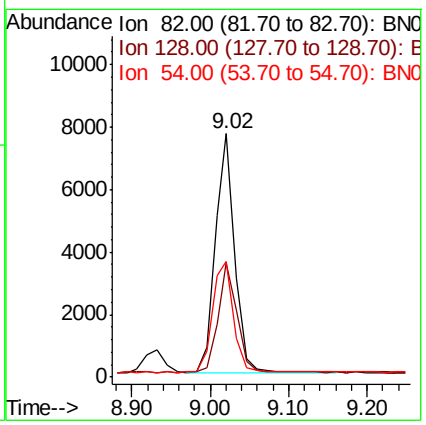


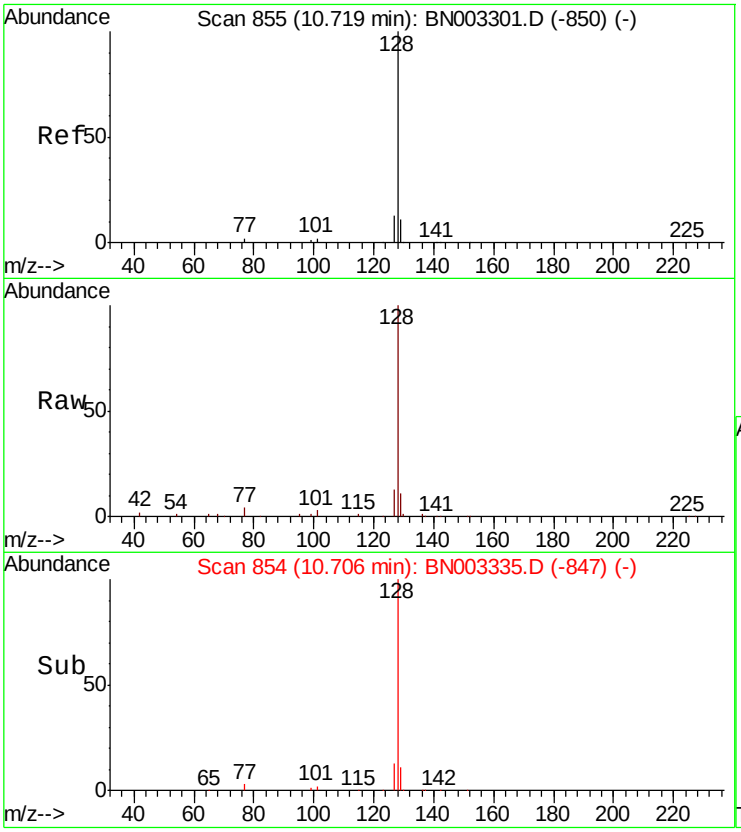


#8
Nitrobenzene-d5
Concen: 0.469 ng
RT: 9.02 min Scan# 721
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion: 82 Resp: 13172

Ion	Ratio	Lower	Upper
82	100		
128	46.9	28.9	43.3#
54	47.4	46.1	69.1



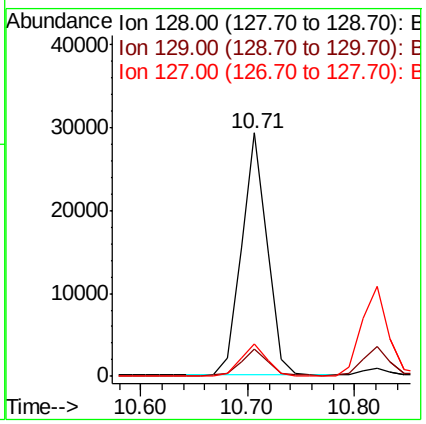


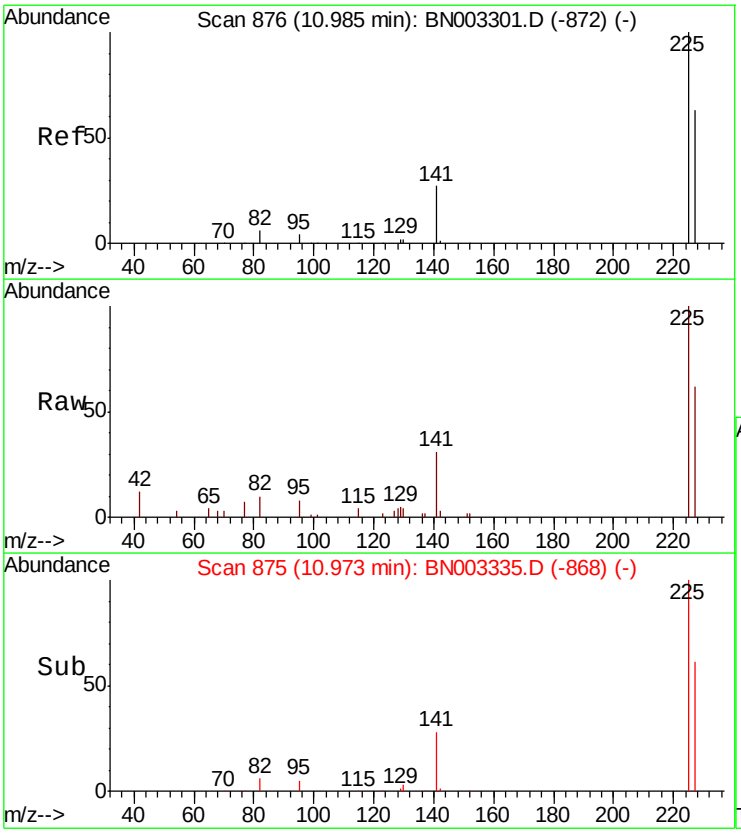
#9
Naphthalene
Concen: 0.310 ng
RT: 10.71 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:128 Resp: 48558

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

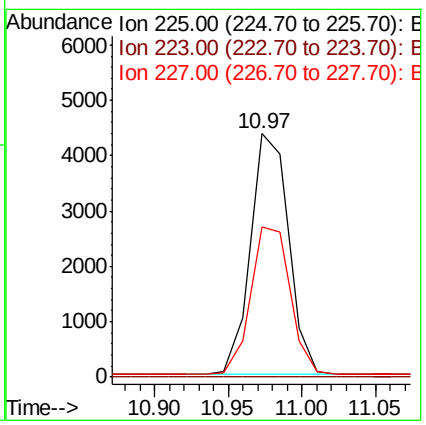


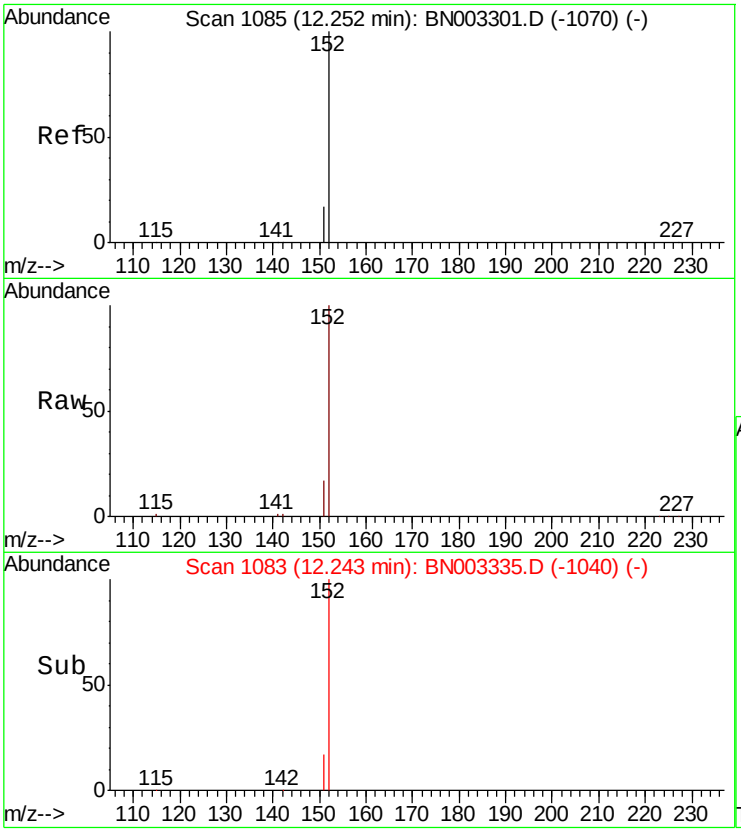


#10
Hexachlorobutadiene
Concen: 0.273 ng
RT: 10.97 min Scan# 875
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:225 Resp: 7827

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	63.1	51.3	76.9



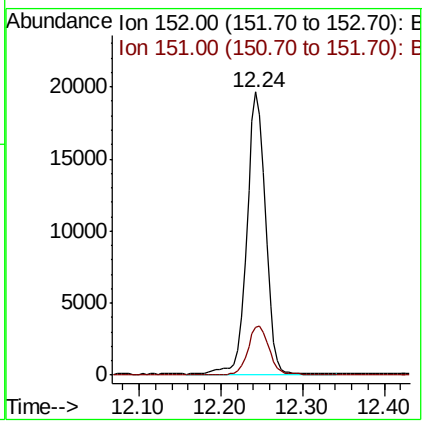


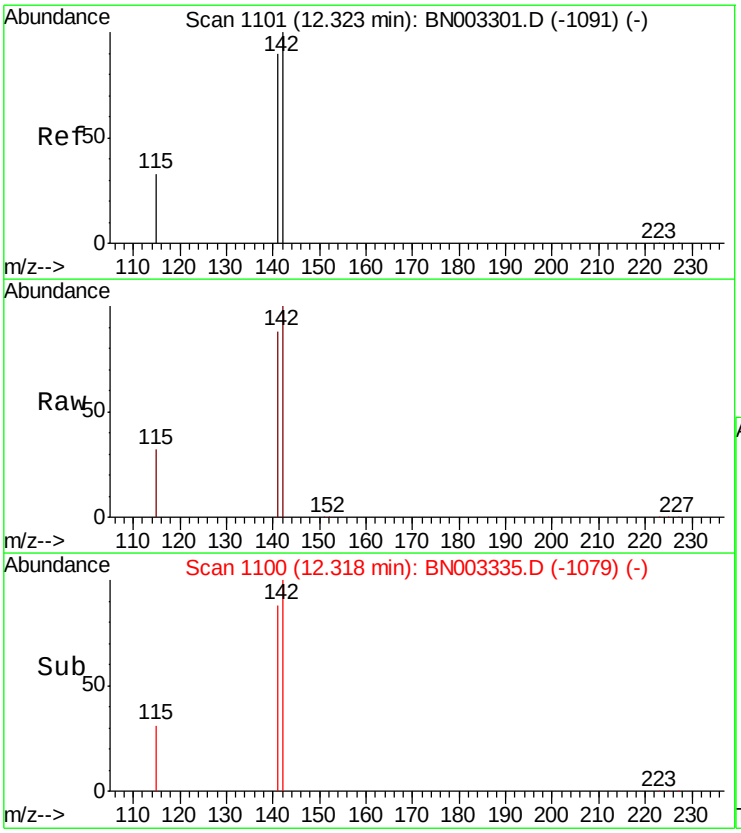
#11
2-Methylnaphthalene-d10
Concen: 0.296 ng
RT: 12.24 min Scan# 1083
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:152 Resp: 30938

Ion	Ratio	Lower	Upper
152	100		
151	18.7	15.1	22.7

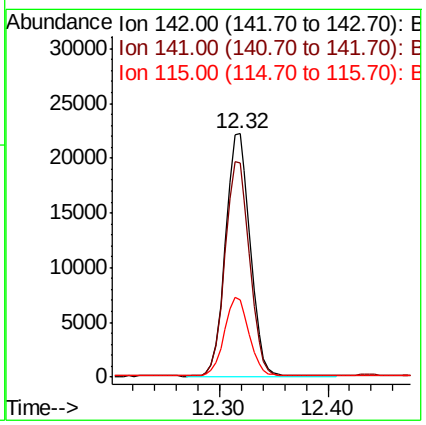


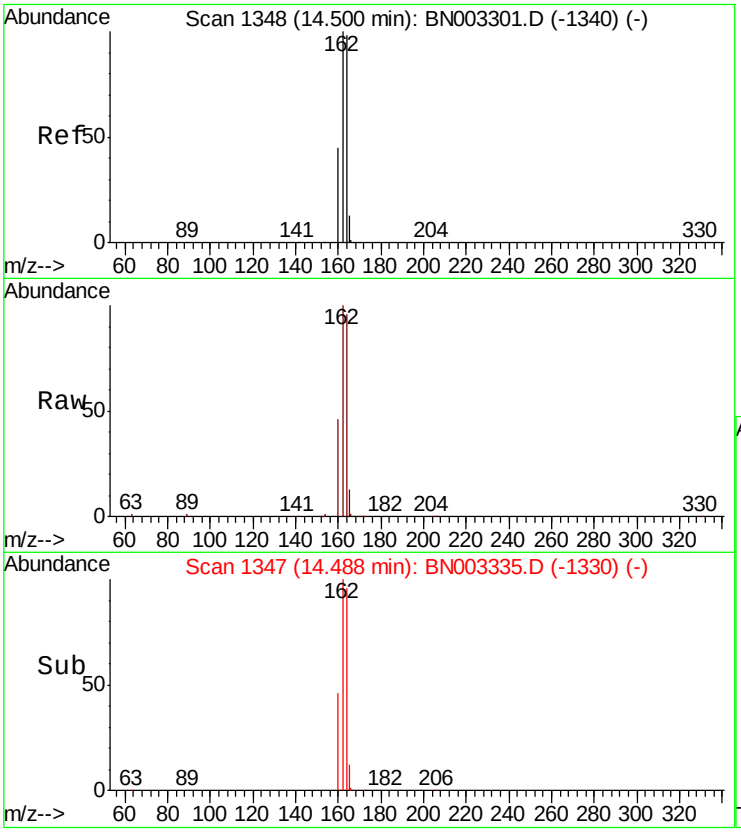


#12
2-Methylnaphthalene
Concen: 0.319 ng
RT: 12.32 min Scan# 1100
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:142 Resp: 34957

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.9	107.9
115	31.7	27.0	40.6



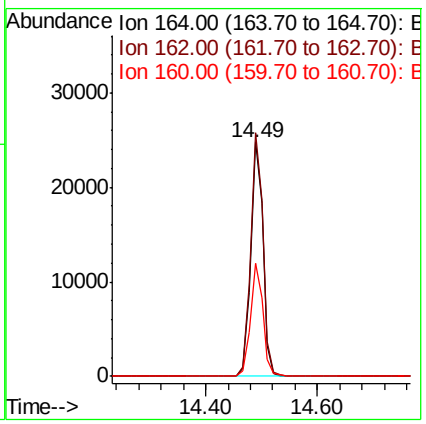


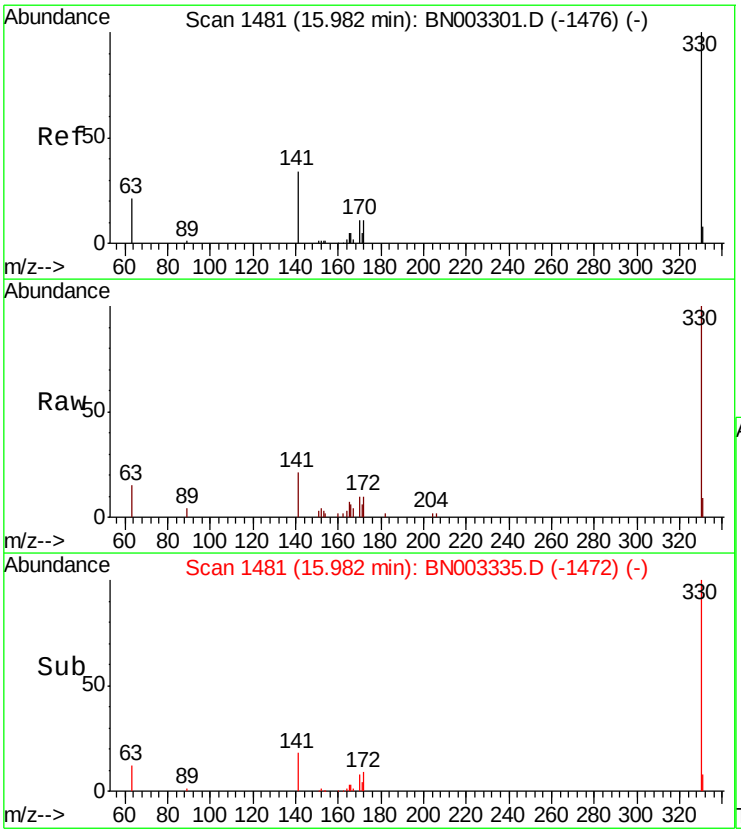
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.49 min Scan# 1347
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:164 Resp: 37680

Ion	Ratio	Lower	Upper
164	100		
162	104.0	81.8	122.6
160	48.2	37.2	55.8

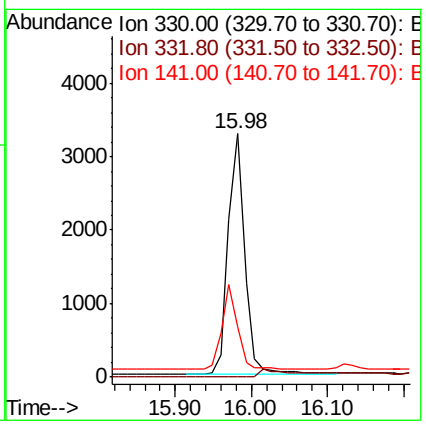


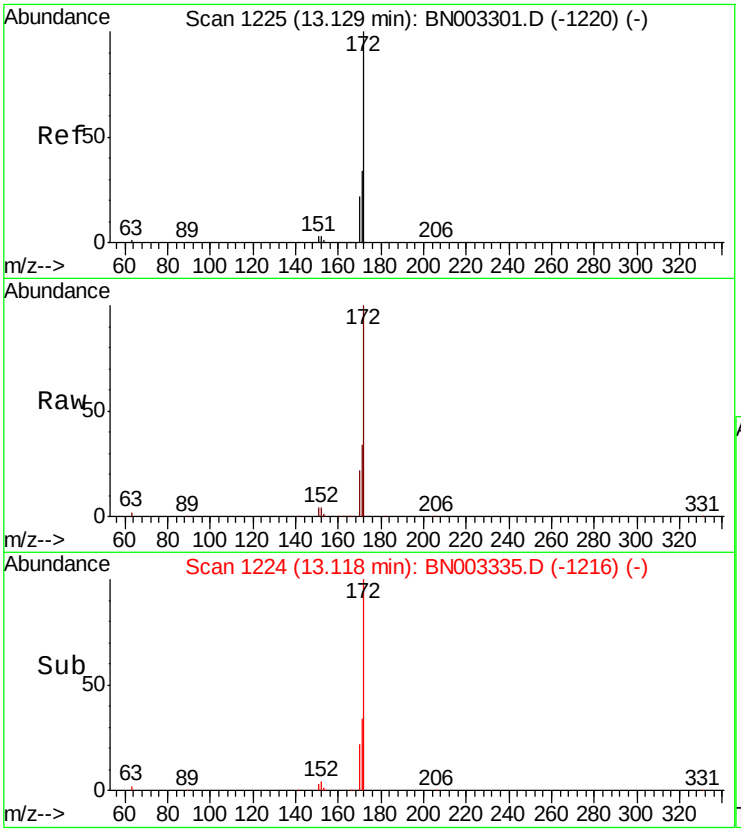


#14
2,4,6-Tribromophenol
Concen: 0.319 ng
RT: 15.98 min Scan# 1481
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:330 Resp: 4788

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	34.4	28.3	42.5



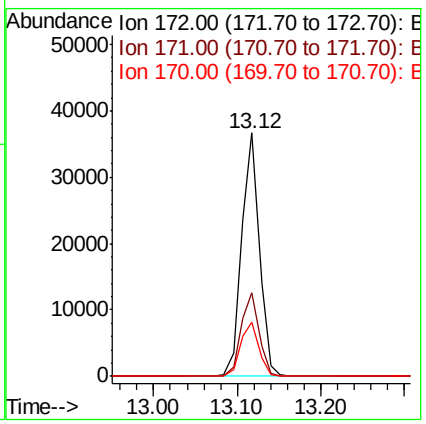


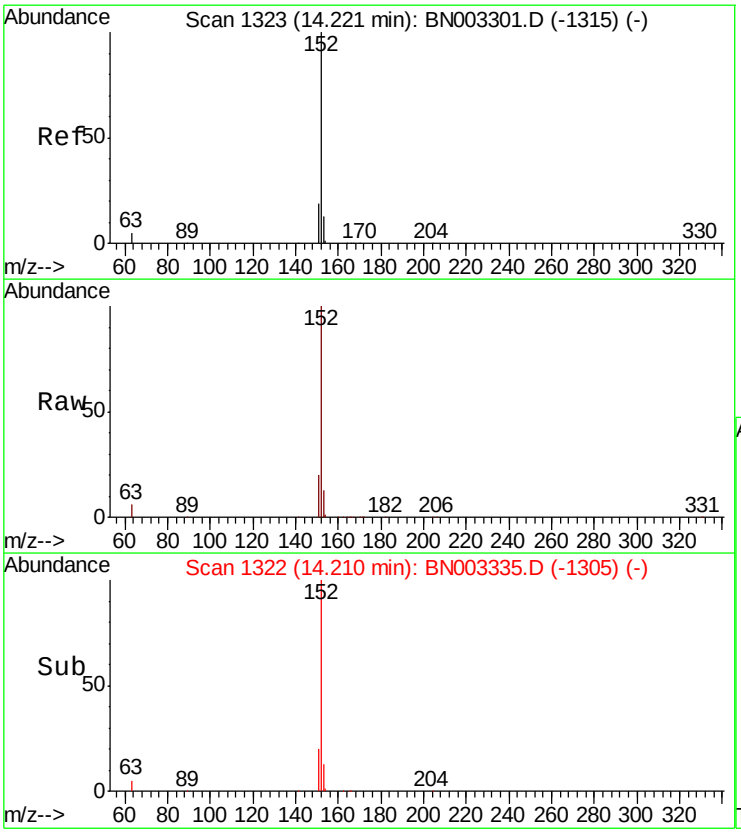
#15
2-Fluorobiphenyl
Concen: 0.329 ng
RT: 13.12 min Scan# 1224
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:172 Resp: 53388

Ion	Ratio	Lower	Upper
172	100		
171	34.5	27.1	40.7
170	22.1	17.4	26.0

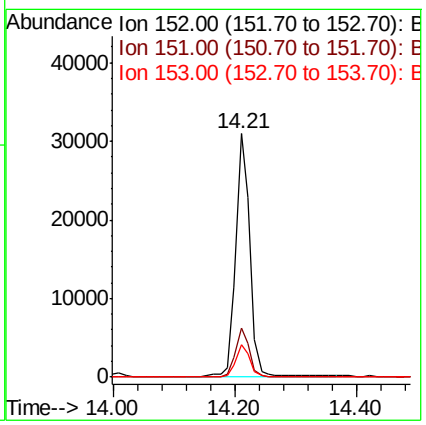


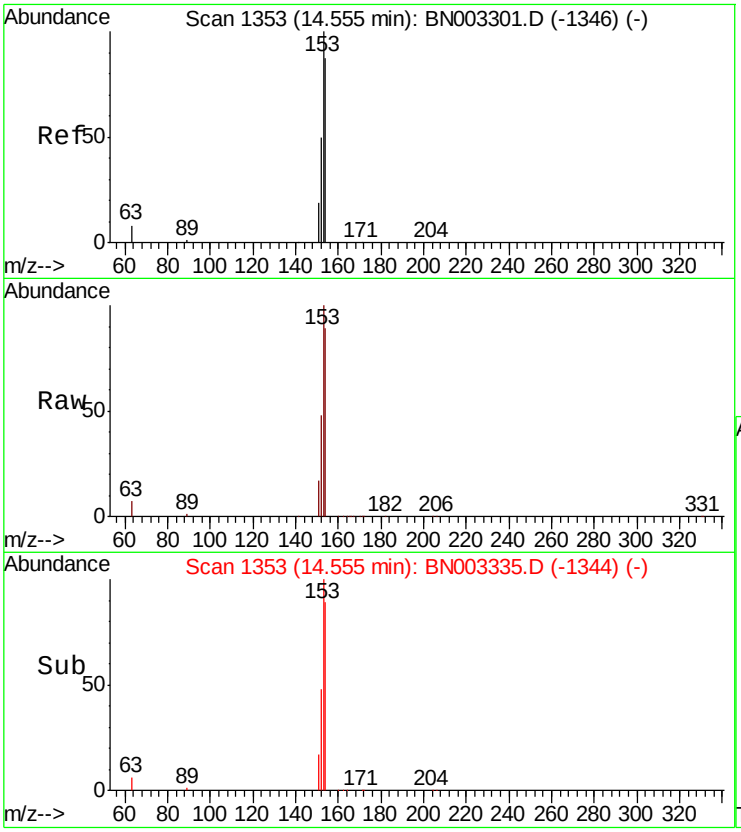


#16
Acenaphthylene
Concen: 0.292 ng
RT: 14.21 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:152 Resp: 49069

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.7	23.5
153	13.0	10.6	15.8



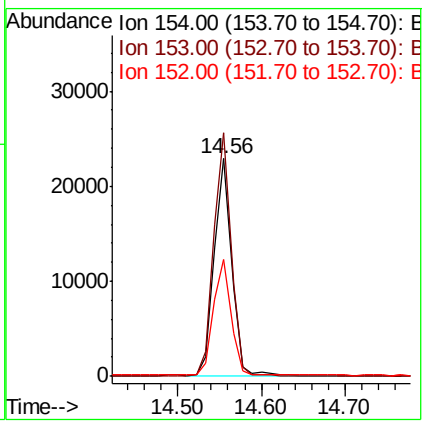


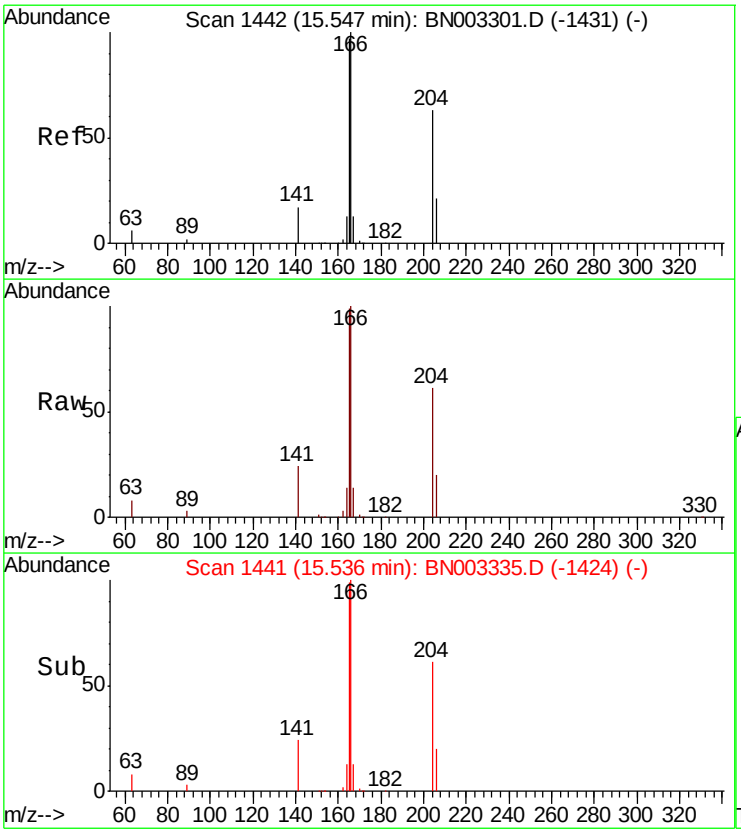
#17
Acenaphthene
Concen: 0.282 ng
RT: 14.56 min Scan# 1353
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:154 Resp: 32857

Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.9	133.3
152	54.2	43.5	65.3

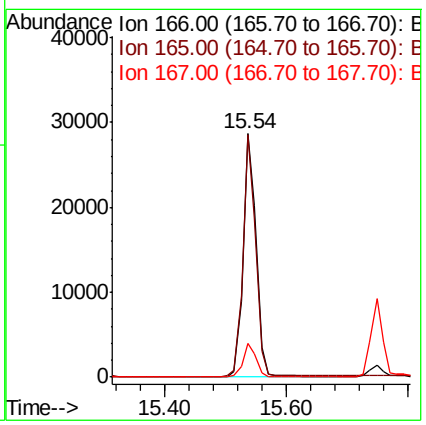


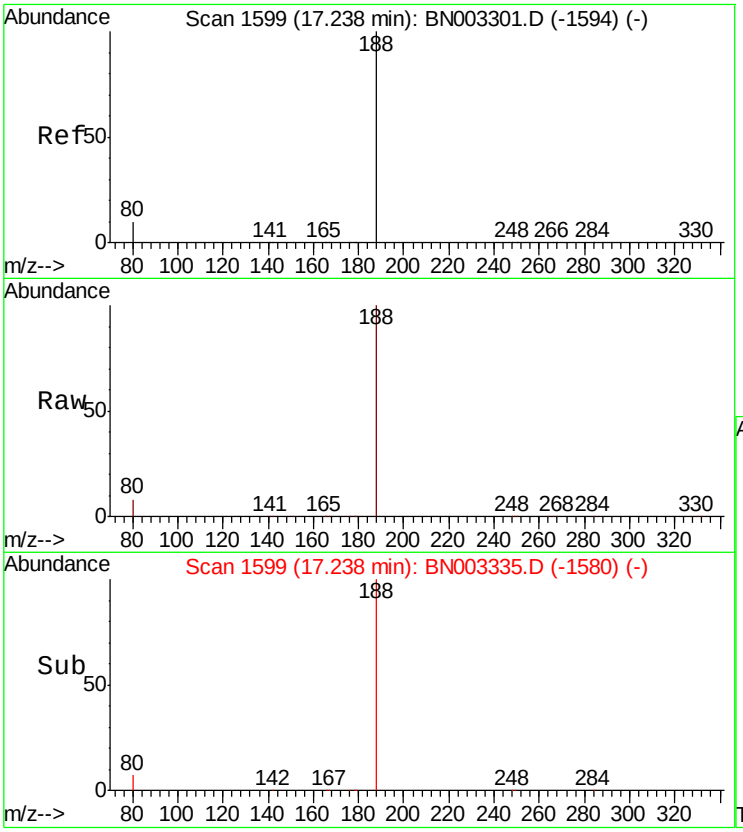


#18
Fluorene
Concen: 0.288 ng
RT: 15.54 min Scan# 1441
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:166 Resp: 41930

Ion	Ratio	Lower	Upper
166	100		
165	97.3	77.8	116.8
167	13.5	10.9	16.3



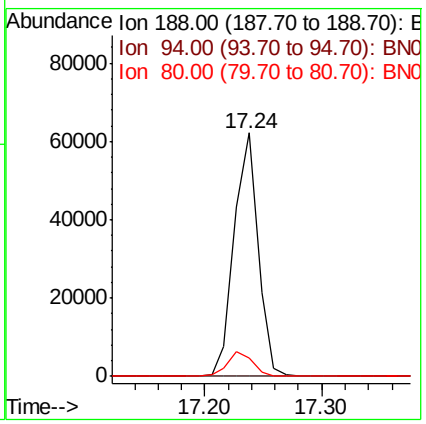


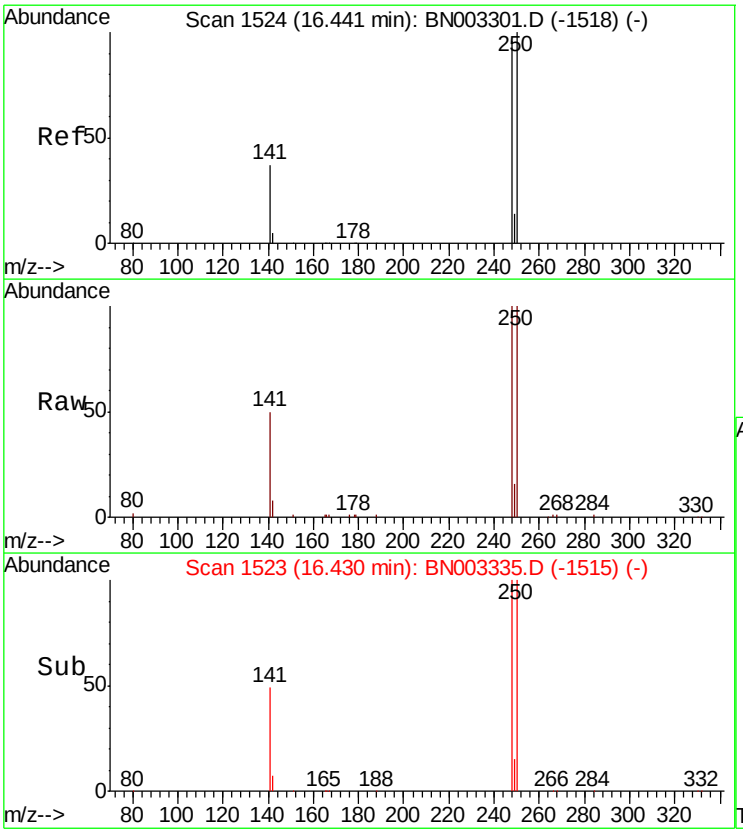
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.24 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:188 Resp: 87733

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	7.6	8.6	12.8#

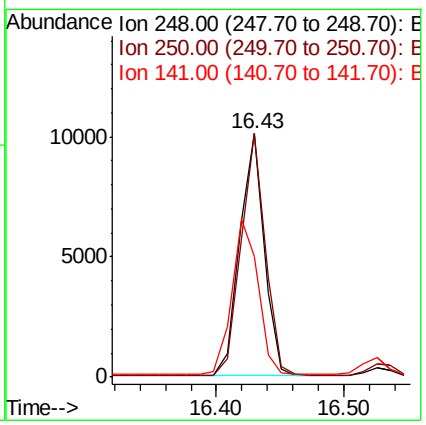


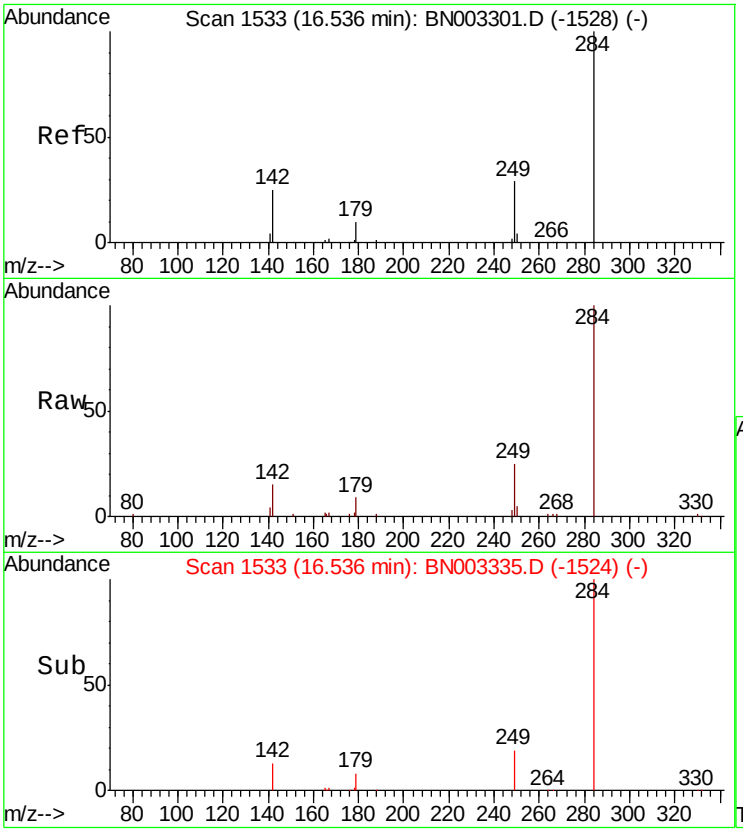


#20
4-Bromophenyl-phenylether
Concen: 0.268 ng
RT: 16.43 min Scan# 1523
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:248 Resp: 13616

Ion	Ratio	Lower	Upper
248	100		
250	100.1	83.7	125.5
141	49.8	31.4	47.0#



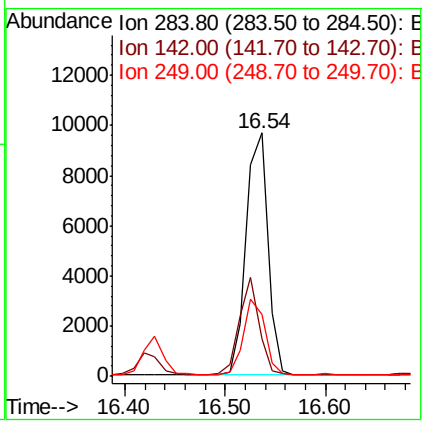


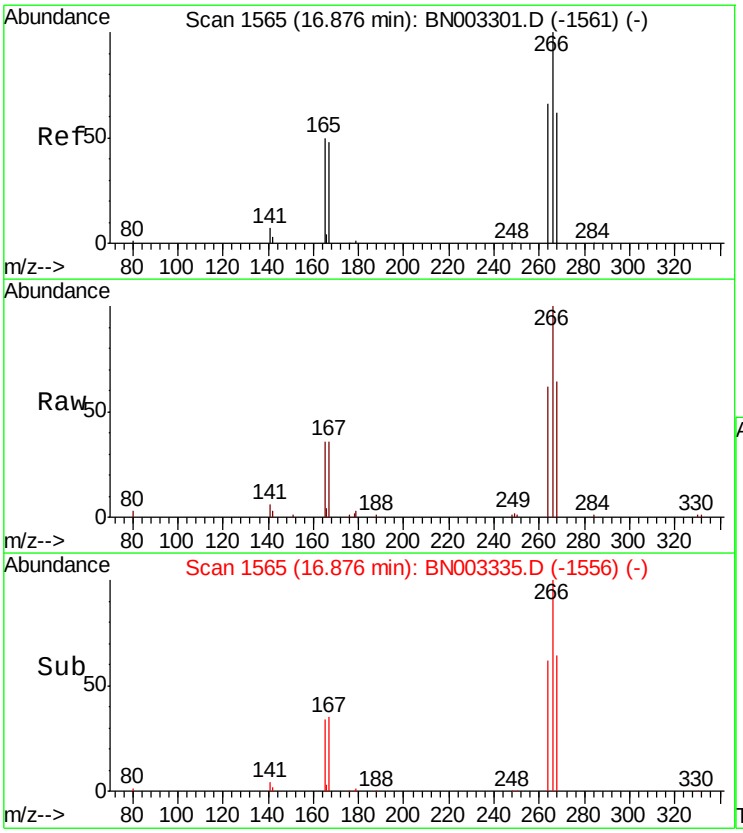
#21
Hexachlorobenzene
Concen: 0.272 ng
RT: 16.54 min Scan# 1533
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:284 Resp: 14587

Ion	Ratio	Lower	Upper
284	100		
142	35.7	29.7	44.5
249	30.1	24.0	36.0

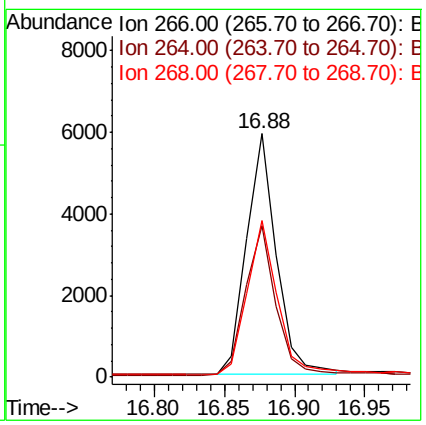


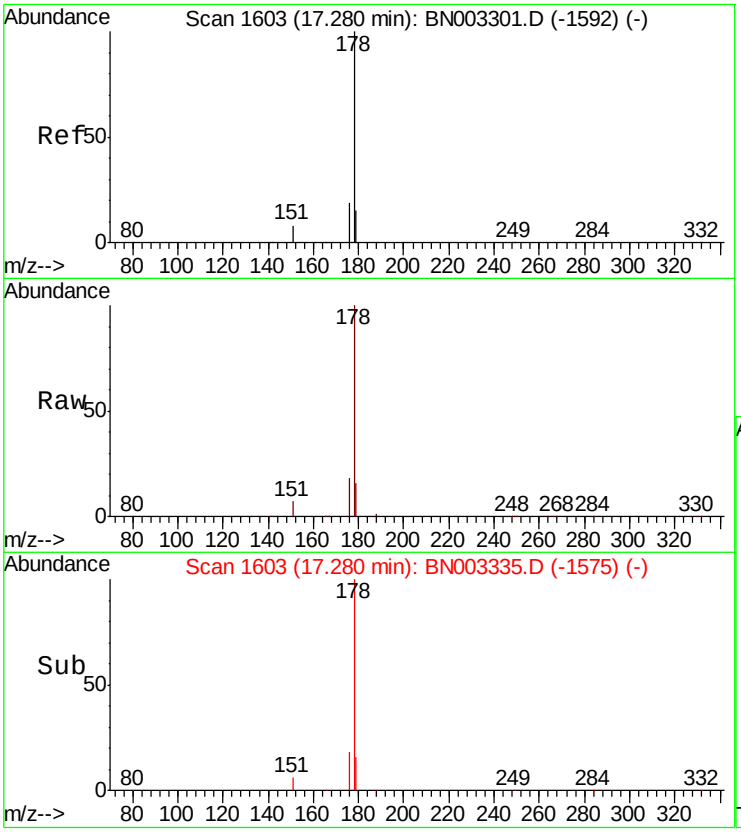


#22
Pentachlorophenol
Concen: 0.605 ng
RT: 16.88 min Scan# 1565
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:266 Resp: 8789

Ion	Ratio	Lower	Upper
266	100		
264	62.1	52.1	78.1
268	64.3	51.8	77.6



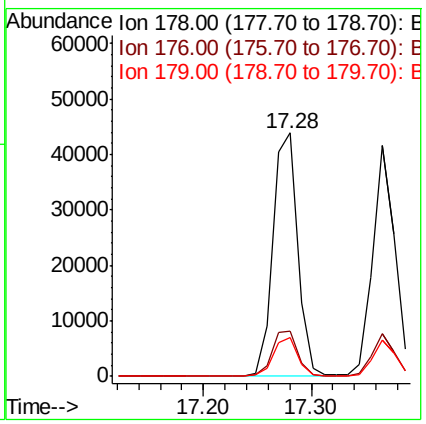


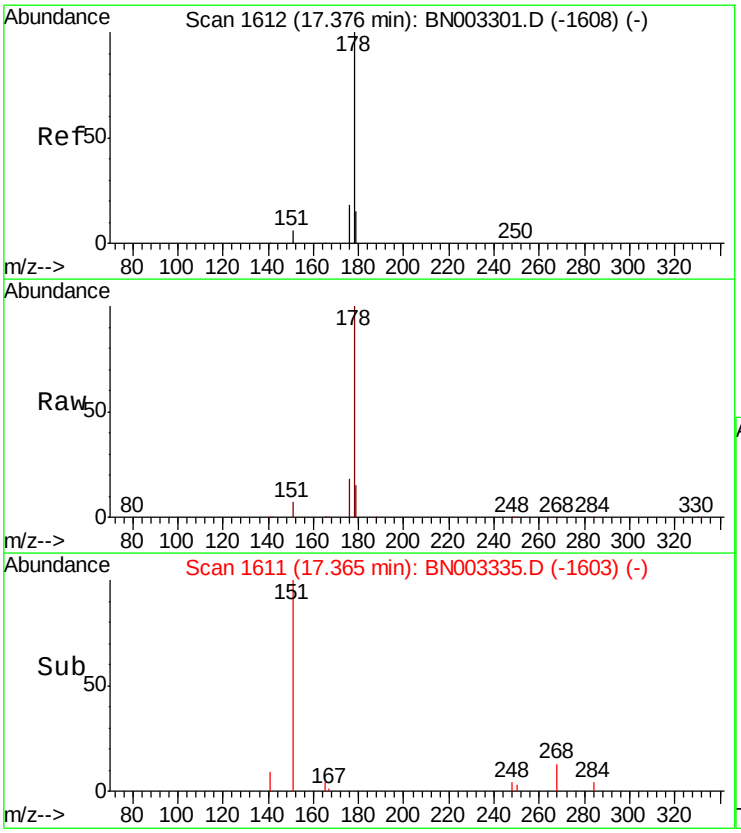
#23
Phenanthrene
Concen: 0.288 ng
RT: 17.28 min Scan# 1603
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:178 Resp: 69350

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.4	12.4	18.6

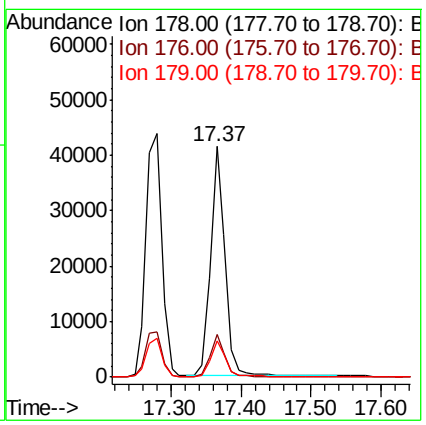


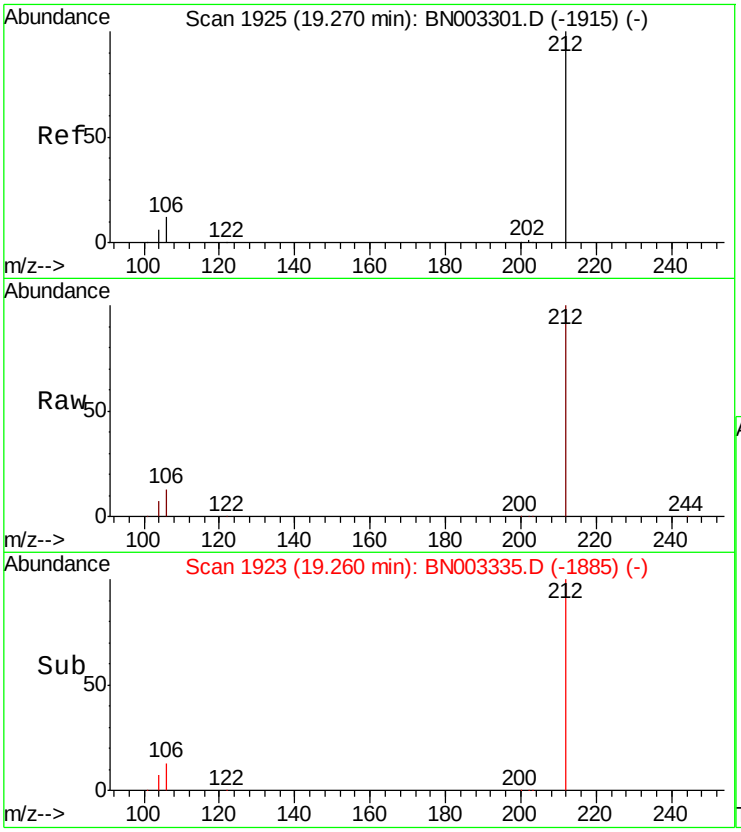


#24
Anthracene
Concen: 0.291 ng
RT: 17.37 min Scan# 1611
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:178 Resp: 60089

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



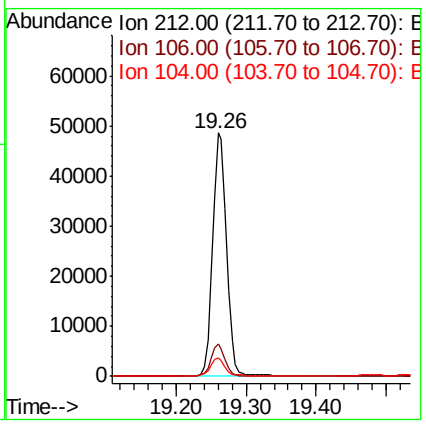


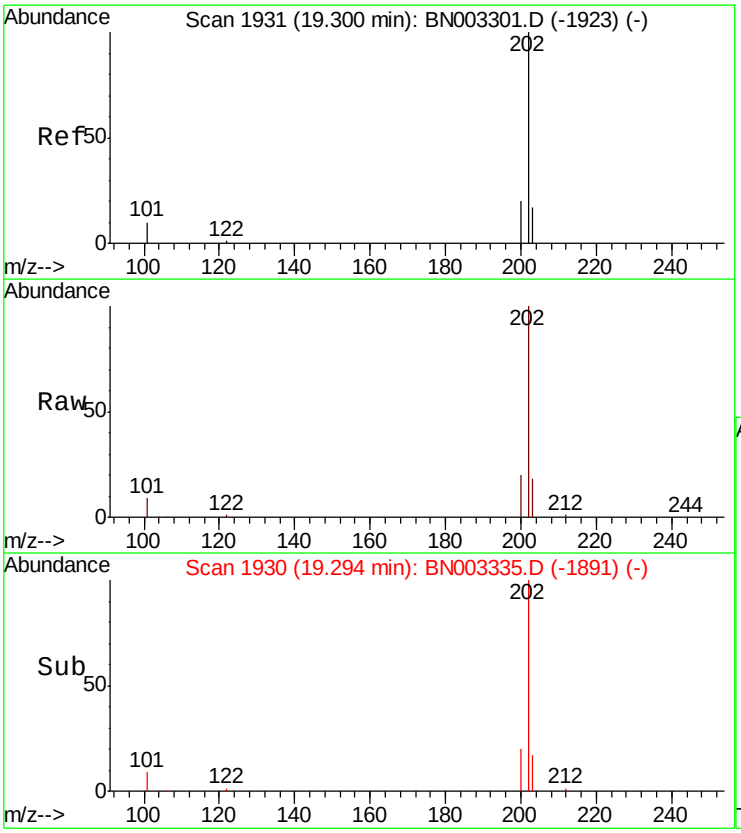
#25
Fluoranthene-d10
Concen: 0.262 ng
RT: 19.26 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:212 Resp: 66868

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

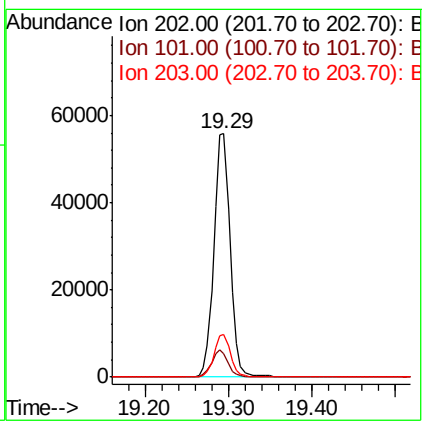


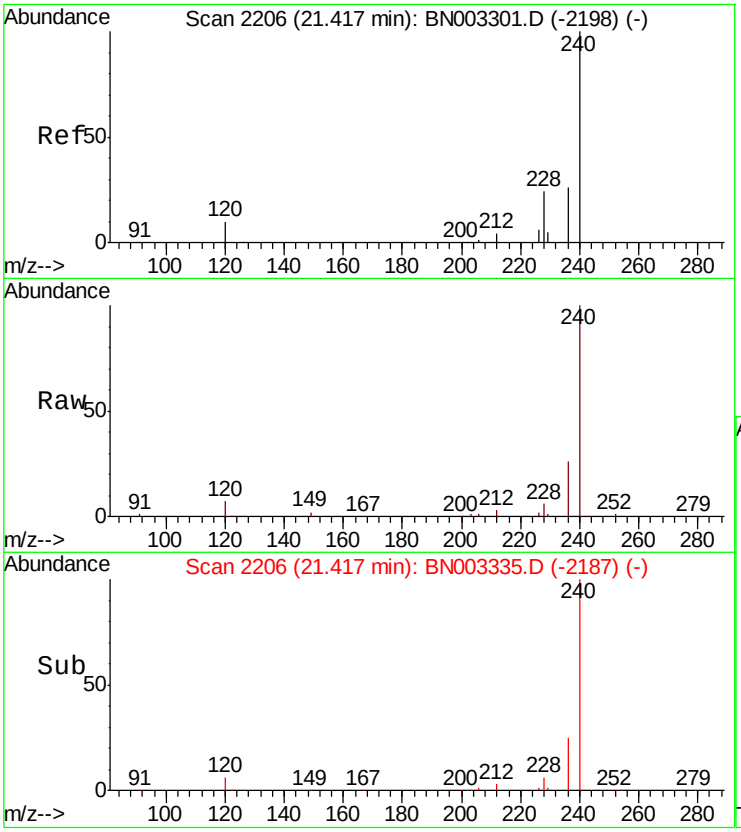


#26
Fluoranthene
Concen: 0.270 ng
RT: 19.29 min Scan# 1930
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:202 Resp: 74571

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.0	13.4
203	17.3	13.8	20.6



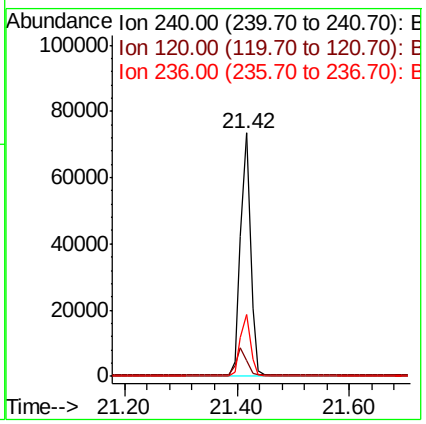


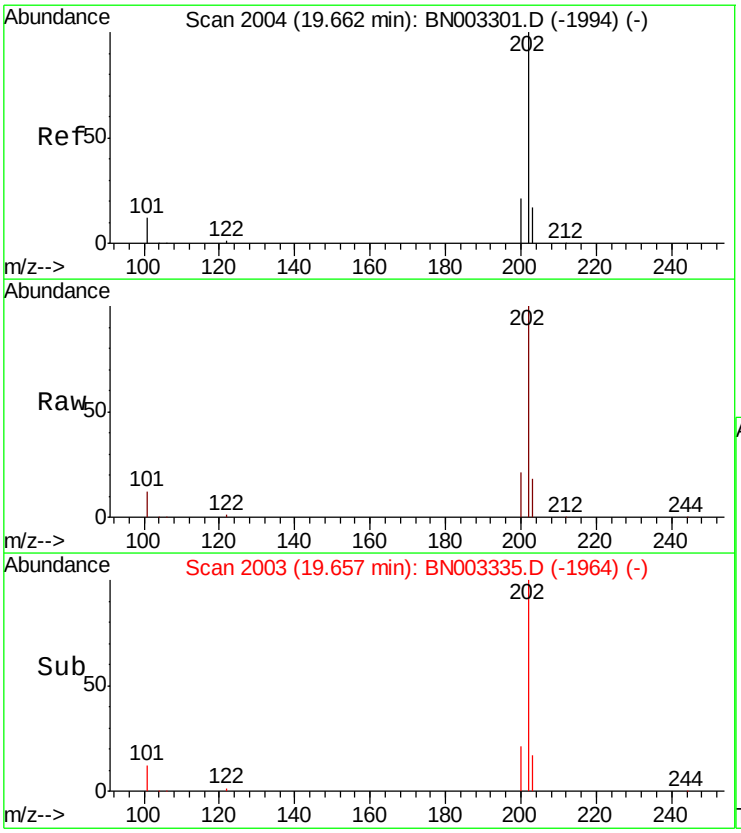
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.42 min Scan# 2206
Delta R.T. -0.00 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:240 Resp: 91692

Ion	Ratio	Lower	Upper
240	100		
120	6.7	9.3	13.9#
236	25.6	21.0	31.4

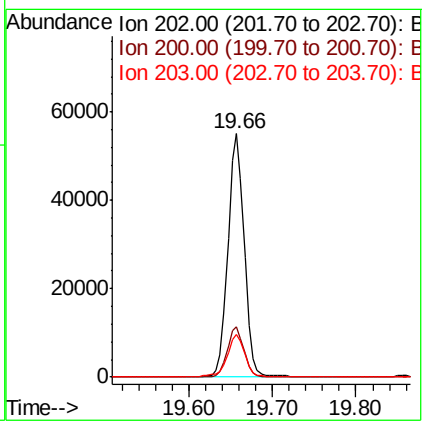


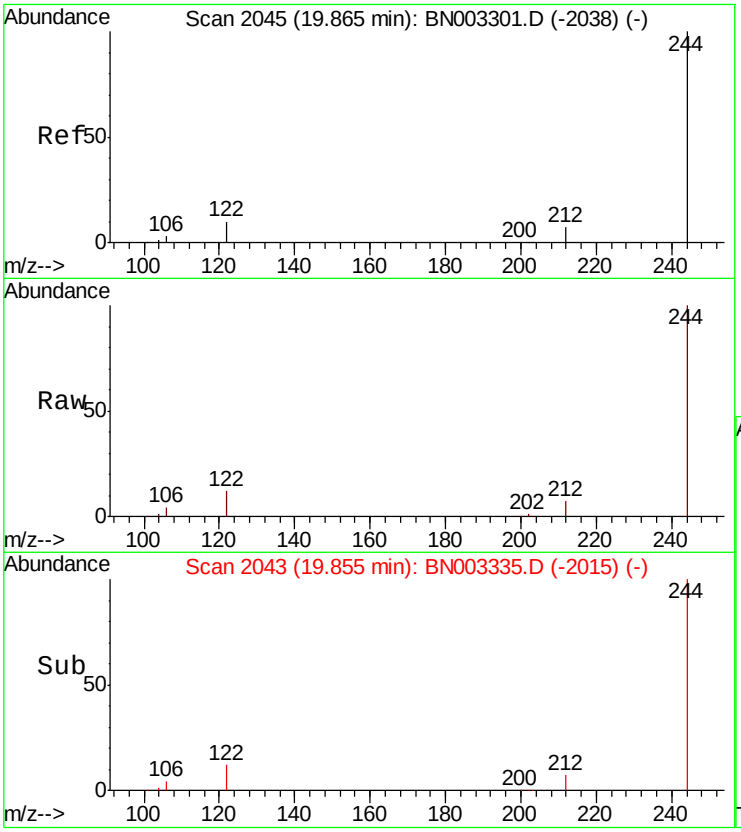


#28
Pyrene
Concen: 0.292 ng
RT: 19.66 min Scan# 2003
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:202 Resp: 74119

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.5	24.7
203	17.9	13.9	20.9



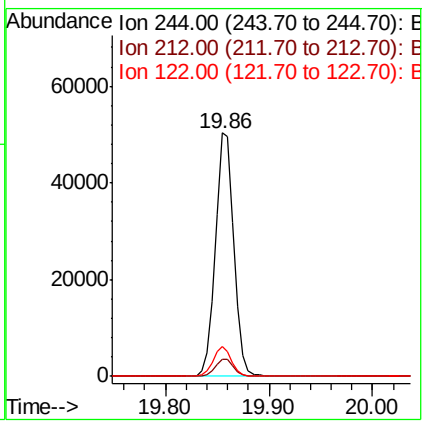


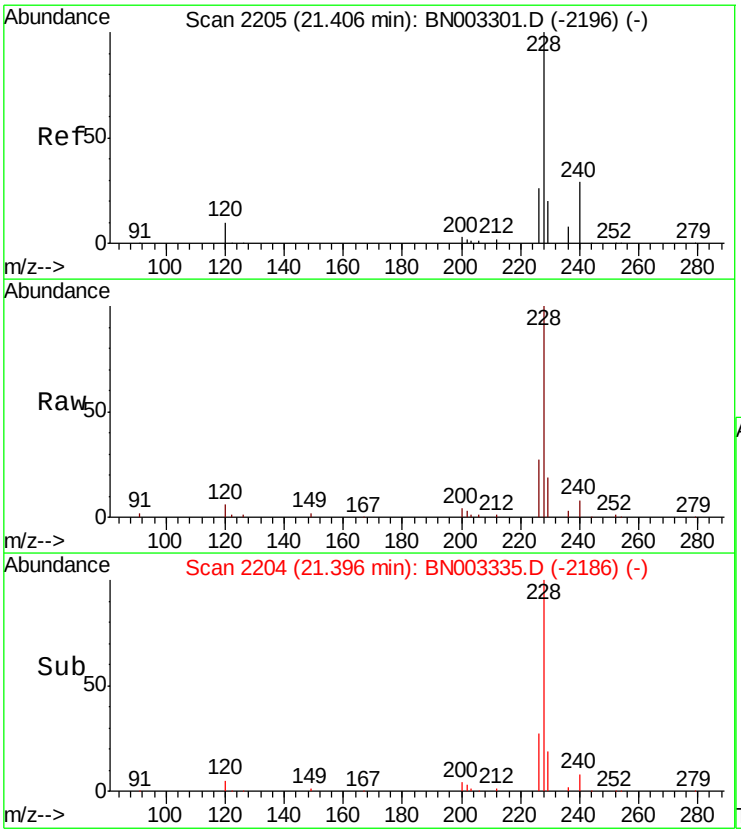
#29
Terphenyl-d14
Concen: 0.289 ng
RT: 19.86 min Scan# 2043
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:244 Resp: 61637

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.6	8.4
122	12.2	8.5	12.7

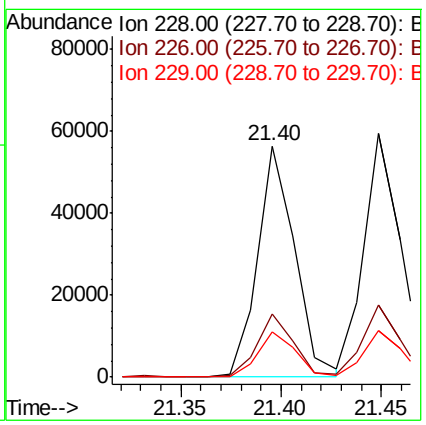


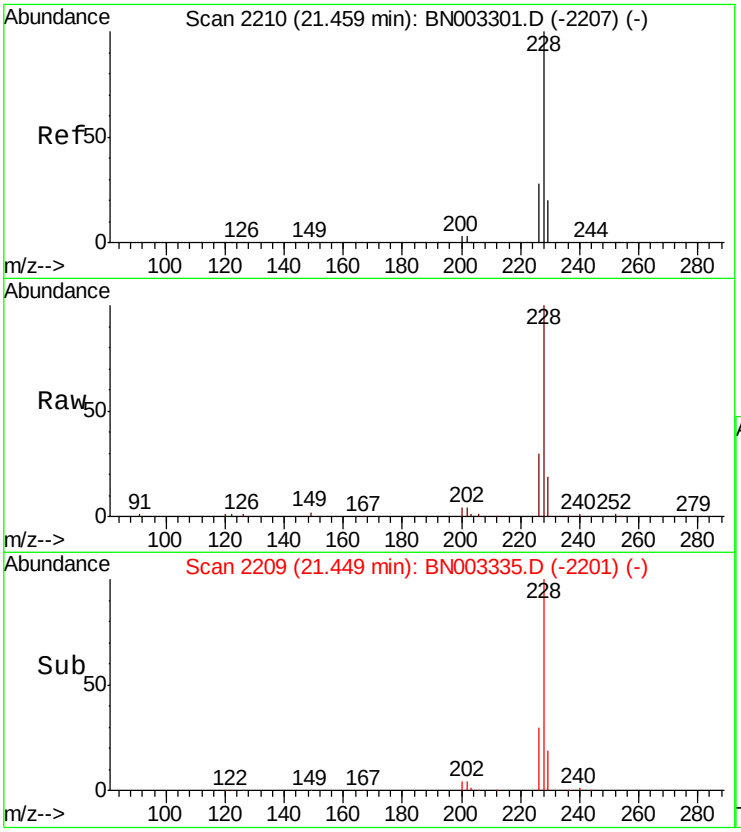


#30
Benzo(a)anthracene
Concen: 0.303 ng
RT: 21.40 min Scan# 2204
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:228 Resp: 72920

Ion	Ratio	Lower	Upper
228	100		
226	27.1	20.8	31.2
229	19.4	16.1	24.1



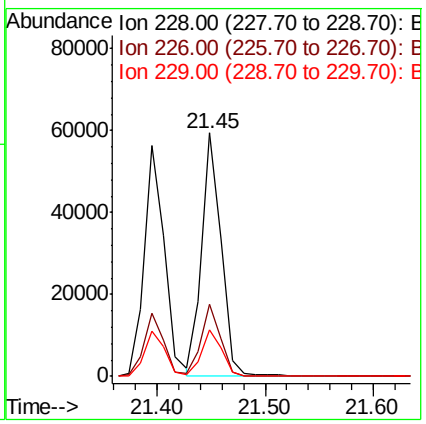


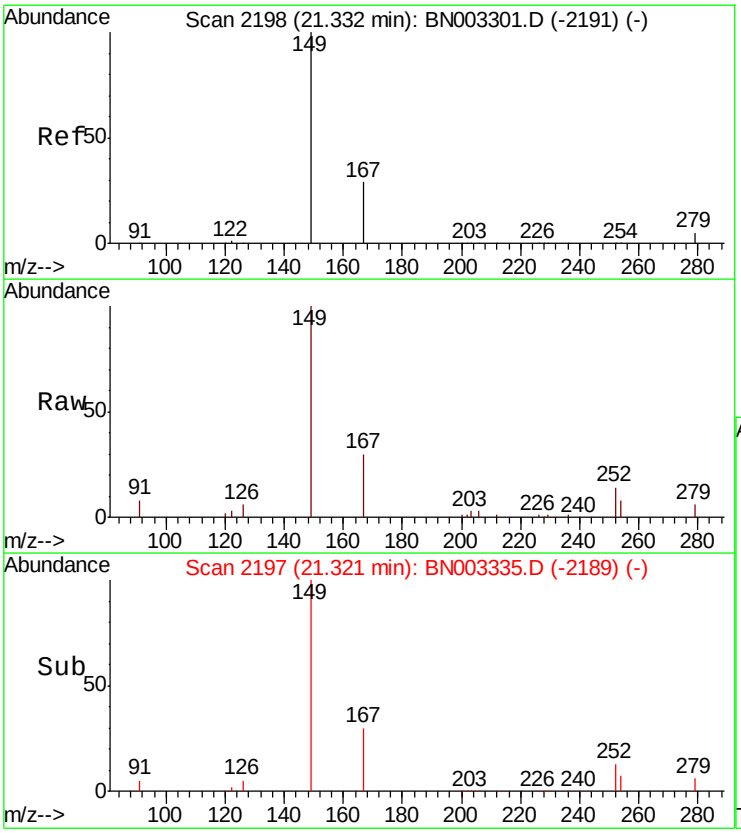
#31
Chrysene
Concen: 0.284 ng
RT: 21.45 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:228 Resp: 73701

Ion	Ratio	Lower	Upper
228	100		
226	29.8	22.7	34.1
229	19.3	16.0	24.0

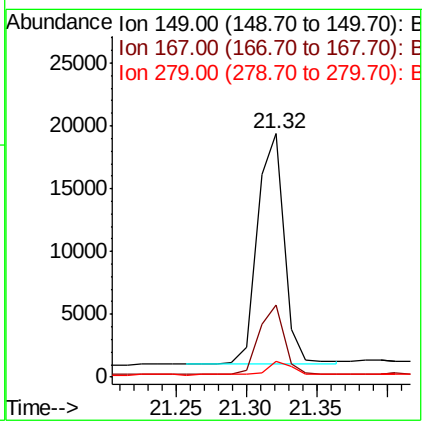


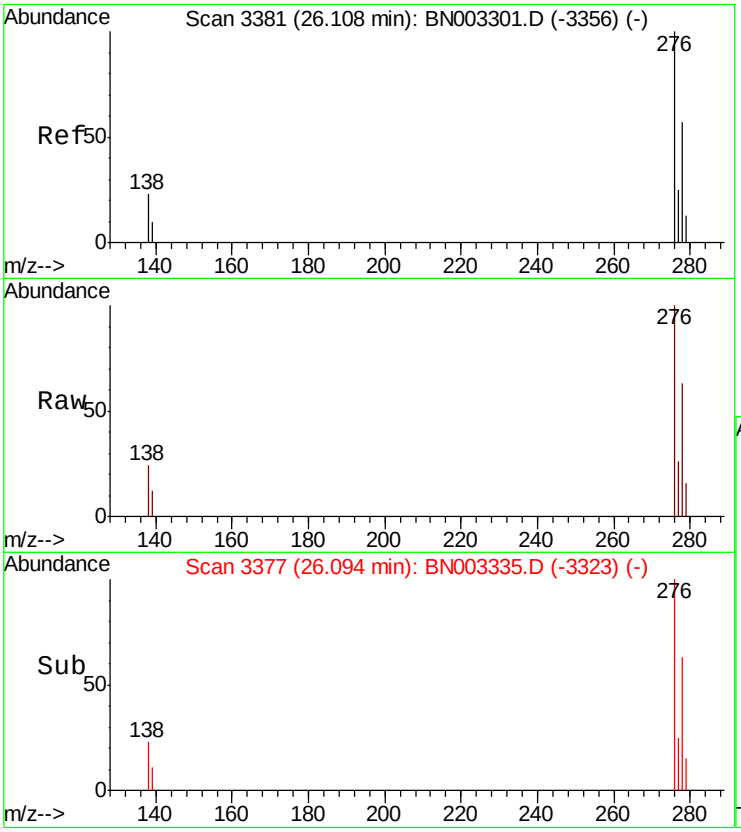


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.346 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:149 Resp: 24583

Ion	Ratio	Lower	Upper
149	100		
167	27.9	22.4	33.6
279	5.8	3.9	5.9



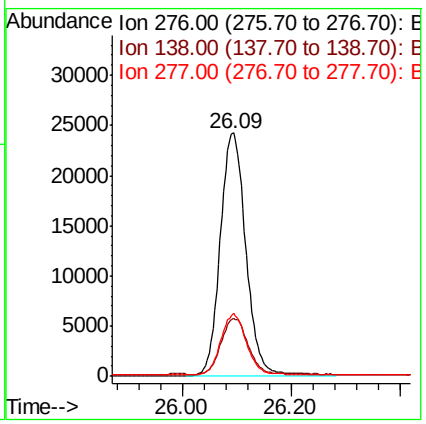


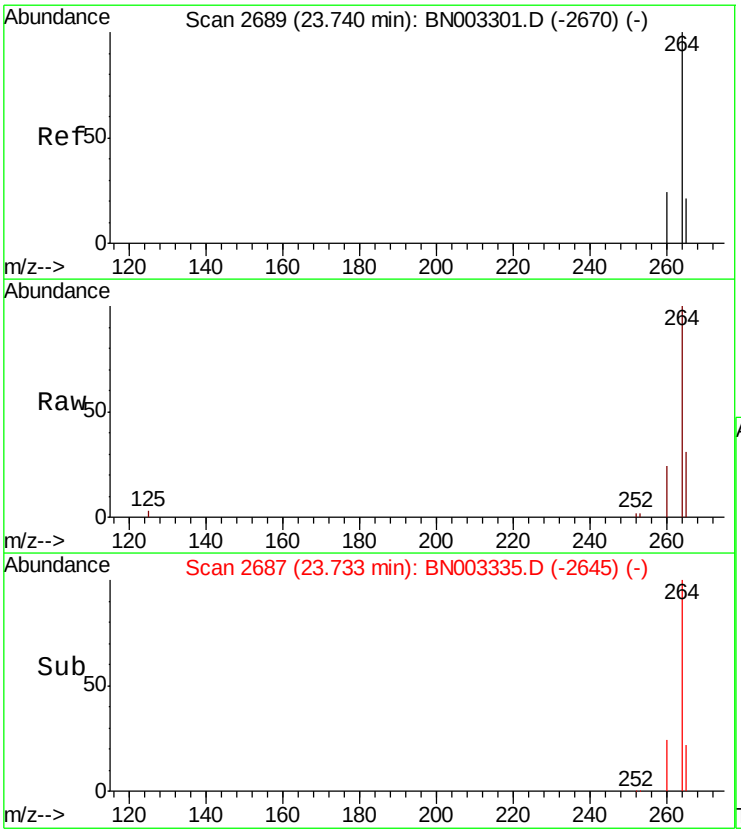
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.293 ng
RT: 26.09 min Scan# 3377
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:276 Resp: 78496

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.6	30.8
277	25.0	20.0	30.0

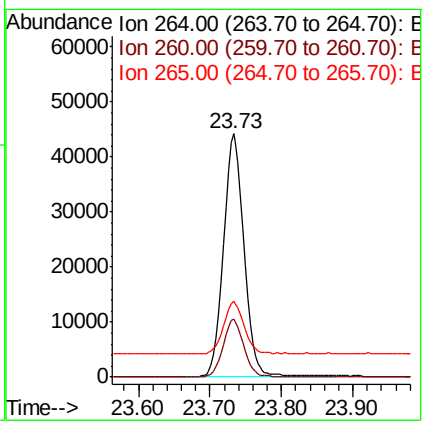


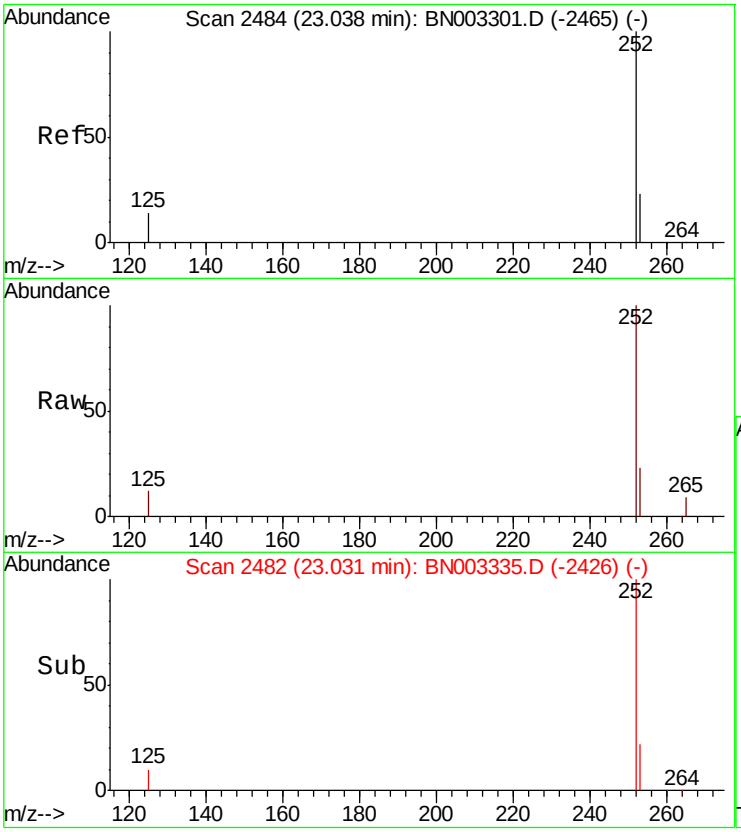


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.73 min Scan# 2687
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:264 Resp: 88238

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.1	28.7
265	31.2	26.4	39.6



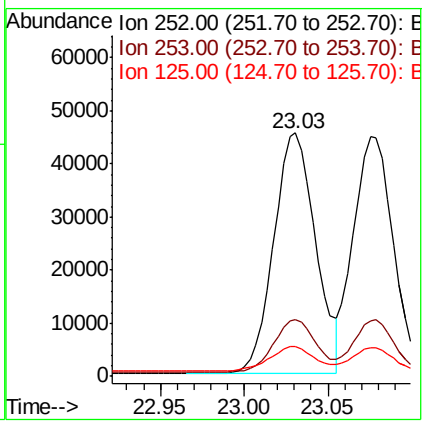


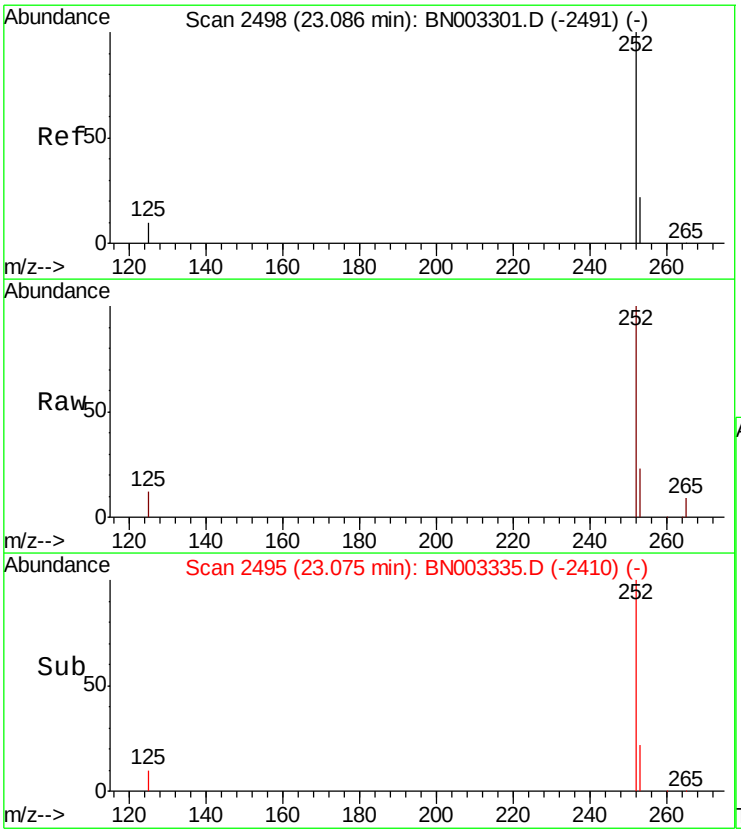
#35
Benzo(b)fluoranthene
Concen: 0.286 ng
RT: 23.03 min Scan# 2482
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:252 Resp: 78750

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	12.0	12.7	19.1#

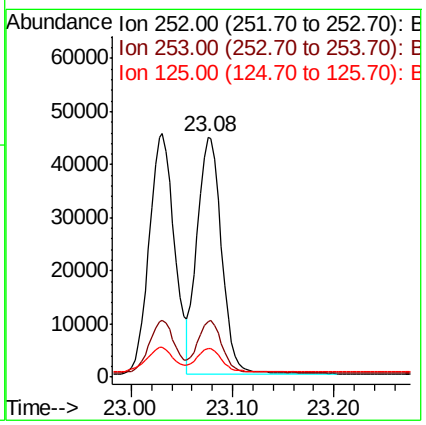


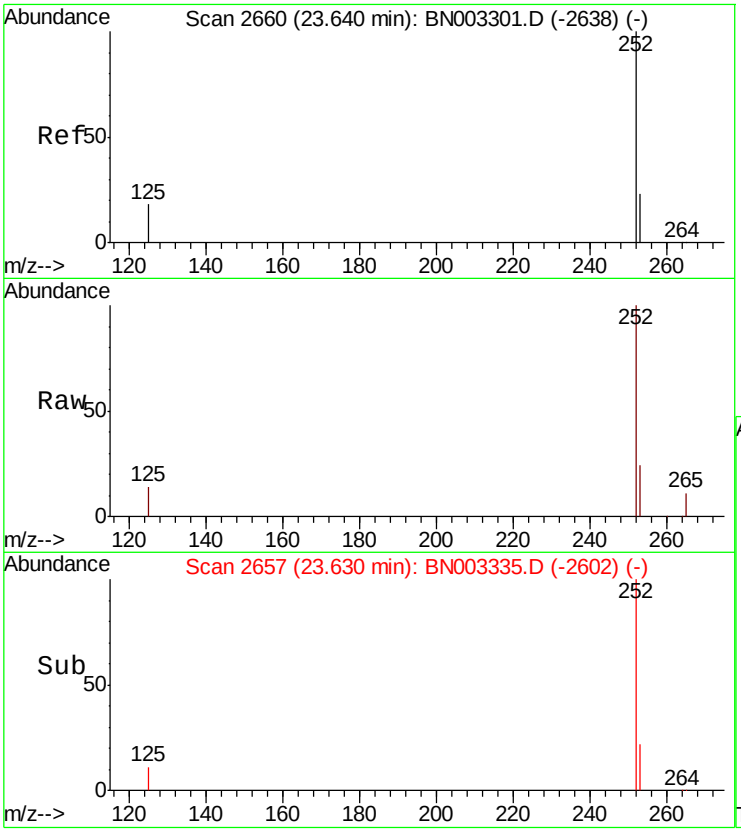


#36
Benzo(k)fluoranthene
Concen: 0.274 ng
RT: 23.08 min Scan# 2495
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:252 Resp: 74676

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	12.1	9.1	13.7



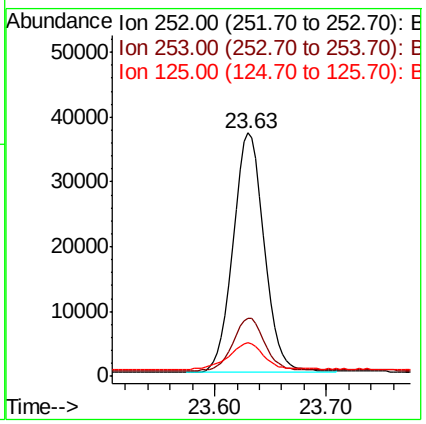


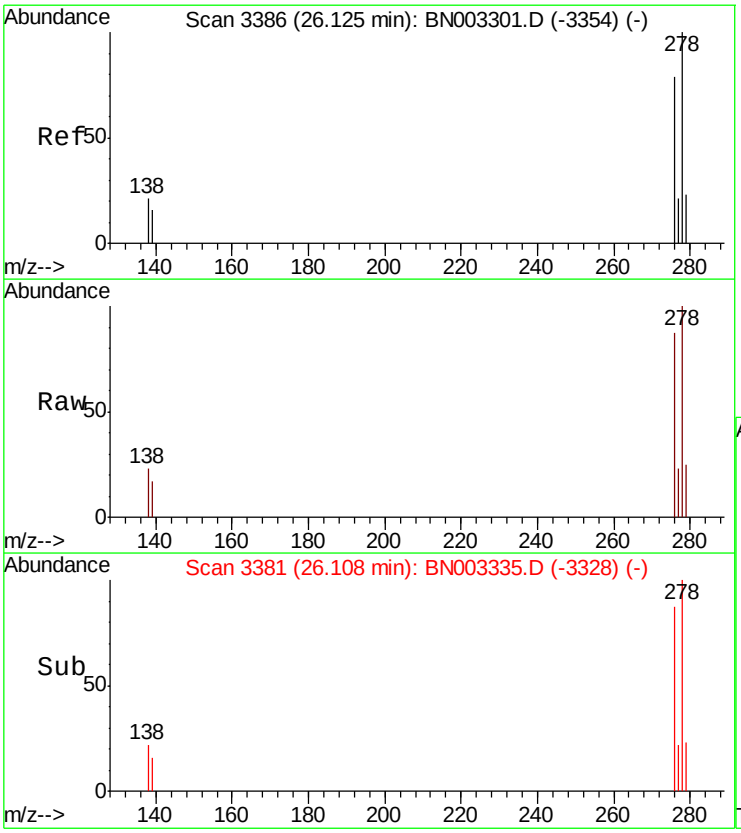
#37
Benzo(a)pyrene
Concen: 0.285 ng
RT: 23.63 min Scan# 2657
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:252 Resp: 71477

Ion	Ratio	Lower	Upper
252	100		
253	24.0	20.1	30.1
125	13.6	16.0	24.0#

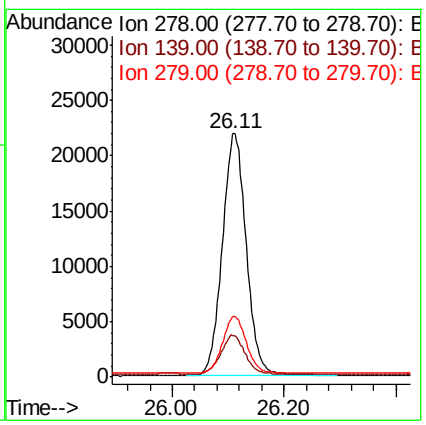


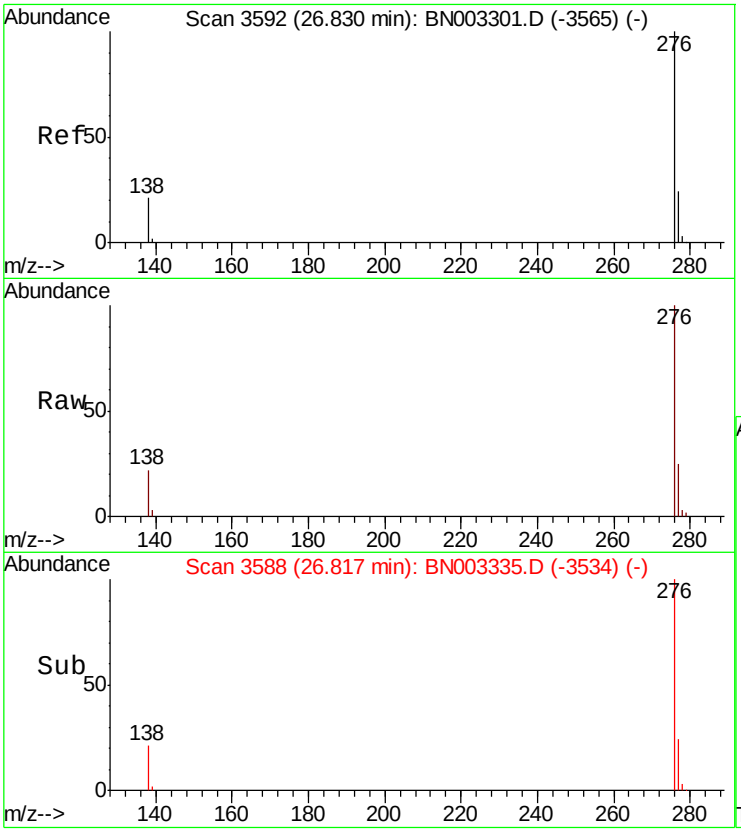


#38
Dibenzo(a,h)anthracene
Concen: 0.280 ng
RT: 26.11 min Scan# 3381
Delta R.T. -0.02 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Tgt Ion:278 Resp: 65331

Ion	Ratio	Lower	Upper
278	100		
139	17.2	13.5	20.3
279	24.7	19.8	29.6





#39
Benzo(g,h,i)perylene
Concen: 0.281 ng
RT: 26.82 min Scan# 3588
Delta R.T. -0.01 min
Lab File: BN003335.D
Acq: 29 Oct 2018 16:40

Instrument :
BNA_N
ClientSampleId :
PB114224BS

Tgt Ion:276 Resp: 65649

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.5	29.3
138	22.2	17.4	26.2