Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004837.D
Acq On : 21 Mar 2019 01:51
Operator : JU/SJ
Sample : K1842-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : FB-030819

Quant Time: Mar 21 08:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	1603	0.40	ng		0.00
7) Naphthalene-d8	10.49	136	7283	0.40	ng		0.00
13) Acenaphthene-d10	14.34	164	4872	0.40	ng		0.00
19) Phenanthrene-d10	17.09	188	13281	0.40	ng		0.00
27) Chrysene-d12	21.29	240	18115	0.40	ng		0.00
34) Perylene-d12	23.54	264	17569	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.30	112	322	0.07	ng		0.00
5) Phenol-d6	6.90	99	435	0.08	ng		0.02
8) Nitrobenzene-d5	8.87	82	1678	0.35	ng		0.00
11) 2-Methylnaphthalene-d10	12.08	152	4944	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.85	330	221	0.07	ng		0.00
15) 2-Fluorobiphenyl	12.96	172	8296	0.41	ng		0.00
25) Fluoranthene-d10	19.13	212	18446	0.41	ng		0.00
29) Terphenyl-d14	19.73	244	17962	0.48	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.53	42	87	0.081	ng	#	1
6) bis(2-Chloroethyl)ether	7.14	93	6	0.001	ng	#	25
9) Naphthalene	10.54	128	129	0.006	ng	#	1
10) Hexachlorobutadiene	10.82	225	1	0.000	ng	#	17
12) 2-Methylnaphthalene	12.16	142	30	0.002	ng	#	56
16) Acenaphthylene	14.07	152	19	0.001	ng	#	1
17) Acenaphthene	14.42	154	25	0.002	ng	#	1
18) Fluorene	15.42	166	479	0.021	ng	#	1
20) 4-Bromophenyl-phenylether	16.24	248	63	0.007	ng	#	1
21) Hexachlorobenzene	16.40	284	6	0.001	ng	#	1
22) Pentachlorophenol	16.78	266	265	0.136	ng	#	54
23) Phenanthrene	17.13	178	1957	0.046	ng	#	60
24) Anthracene	17.25	178	254	0.007	ng	#	61
26) Fluoranthene	19.16	202	167	0.003	ng	#	70
28) Pyrene	19.53	202	317	0.006	ng	#	12
30) Benzo(a)anthracene	21.29	228	112	0.002	ng	#	1
31) Chrysene	21.29	228	92	0.001	ng	#	1
32) Bis(2-ethylhexyl)phthalate	21.18	149	3855	0.162	ng		98
33) Indeno(1,2,3-cd)pyrene	25.87	276	43	0.000	ng	#	77
35) Benzo(b)fluoranthene	22.87	252	47	0.001	ng	#	1
36) Benzo(k)fluoranthene	22.90	252	6	0.000	ng	#	1
37) Benzo(a)pyrene	23.45	252	39	0.001	ng	#	1
38) Dibenzo(a,h)anthracene	25.80	278	1	0.000	ng	#	1
39) Benzo(g,h,i)perylene	26.56	276	73	0.001	ng	#	1

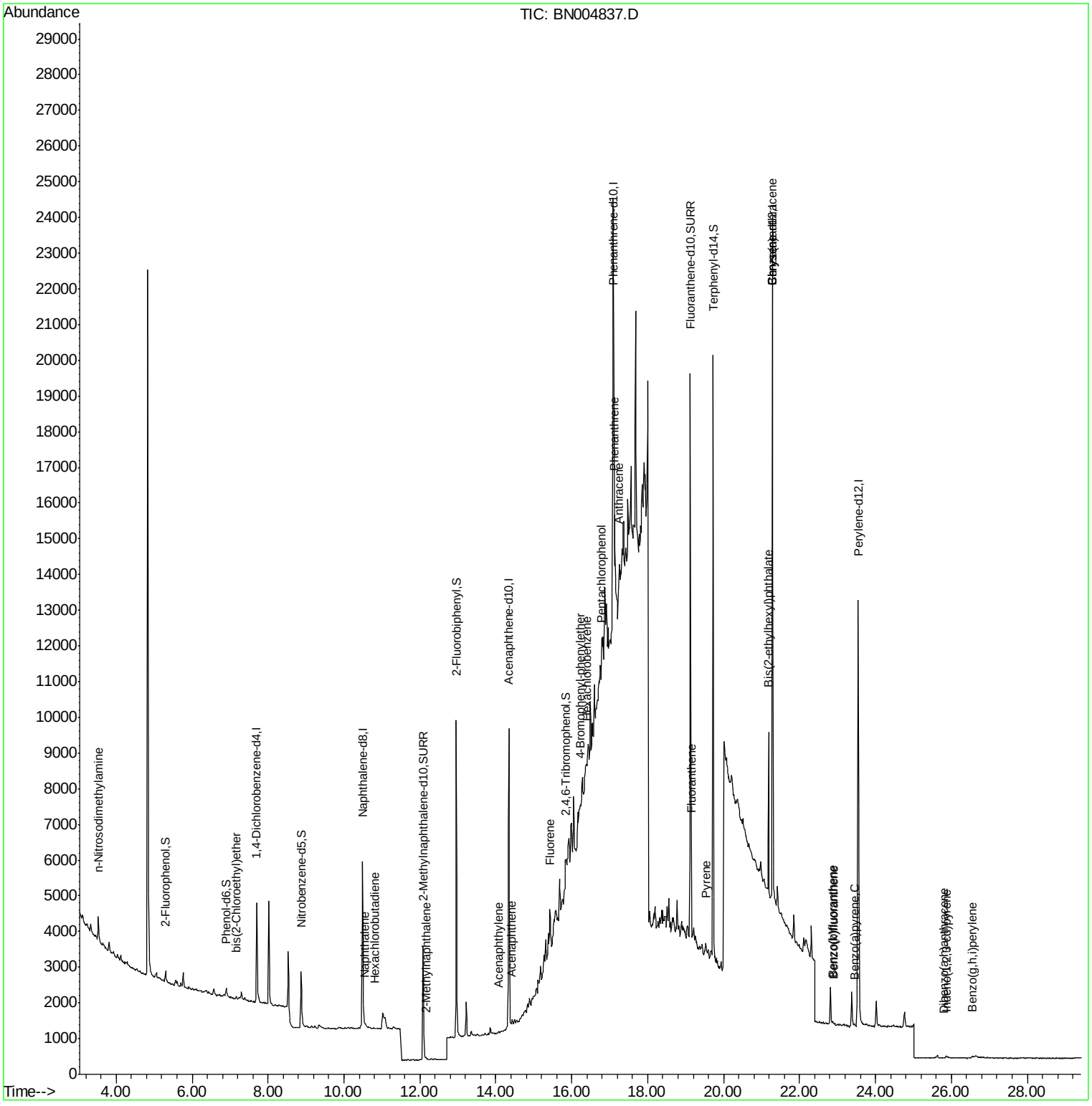
(#) = qualifier out of range (m) = manual integration (+) = signals summed

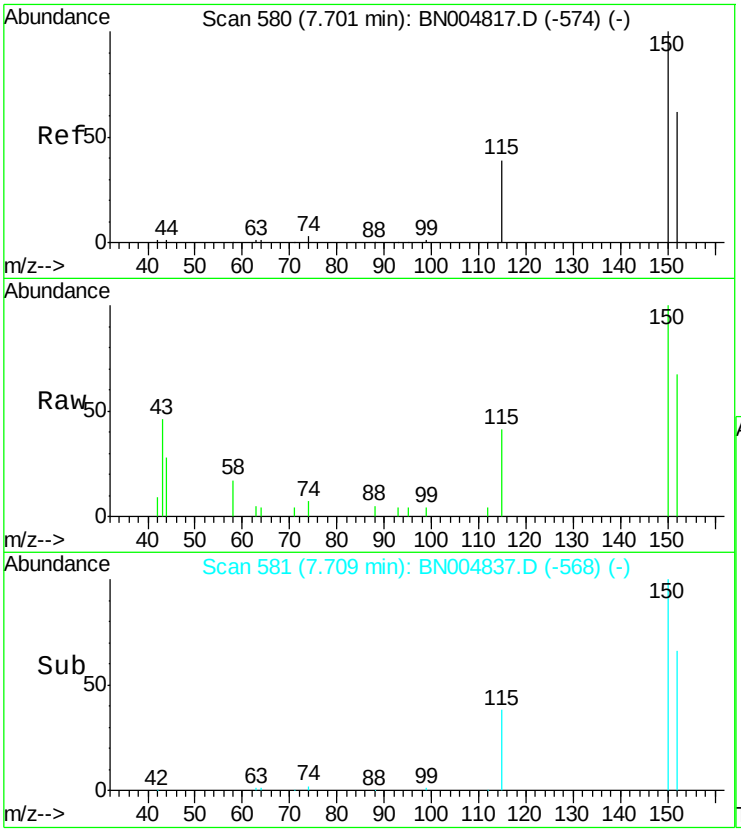
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032019\
Data File : BN004837.D
Acq On : 21 Mar 2019 01:51
Operator : JU/SJ
Sample : K1842-13
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
FB-030819

Quant Time: Mar 21 08:50:00 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



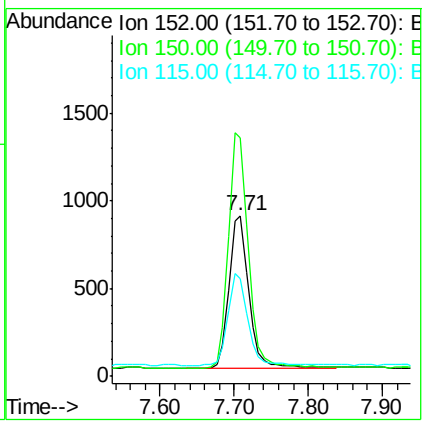


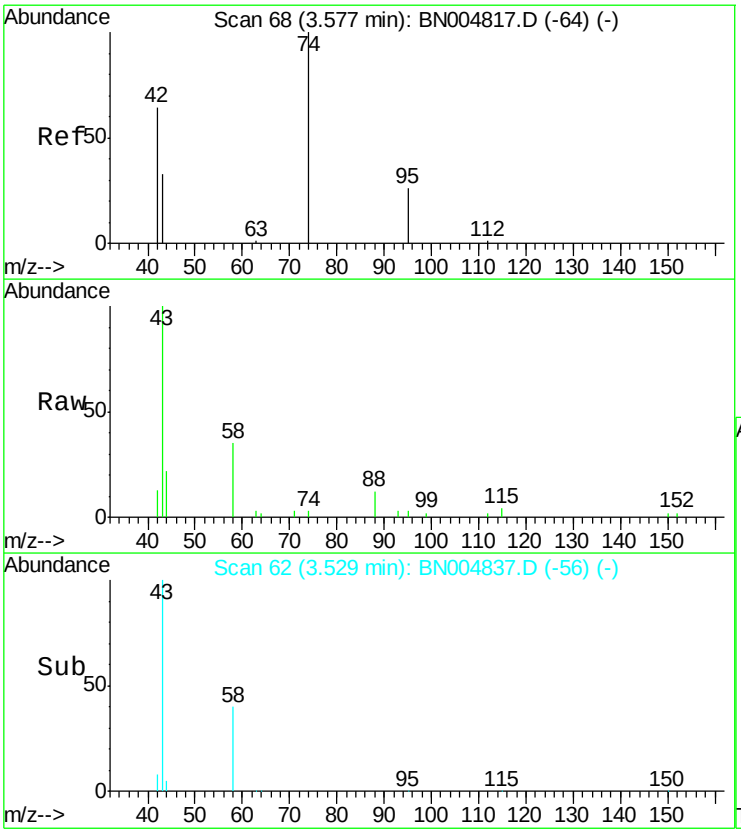
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.71 min Scan# 581
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:152 Resp: 1603

Ion	Ratio	Lower	Upper
152	100		
150	148.7	126.2	189.4
115	61.0	52.6	79.0

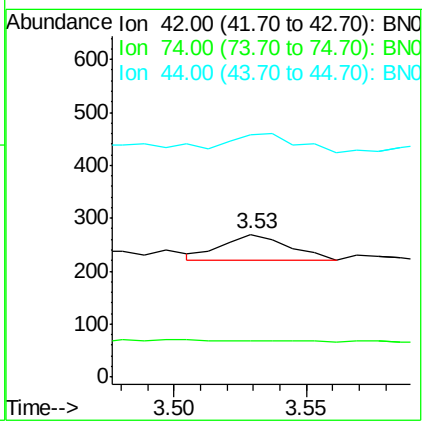


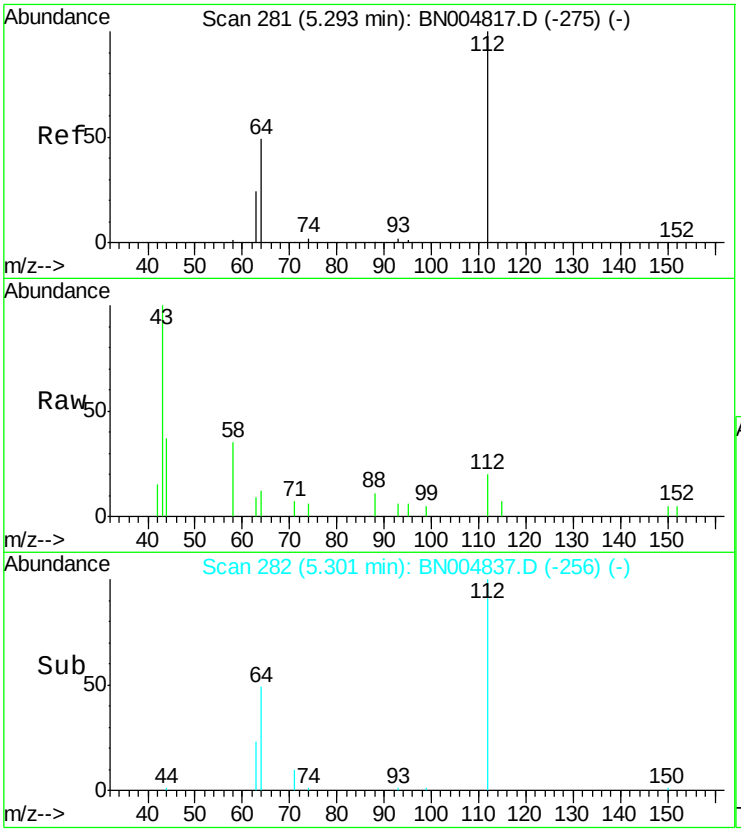


#3
n-Nitrosodimethylamine
Concen: 0.081 ng
RT: 3.53 min Scan# 62
Delta R.T. -0.05 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion: 42 Resp: 87

Ion	Ratio	Lower	Upper
42	100		
74	4.6	128.4	192.6#
44	60.9	6.1	9.1#



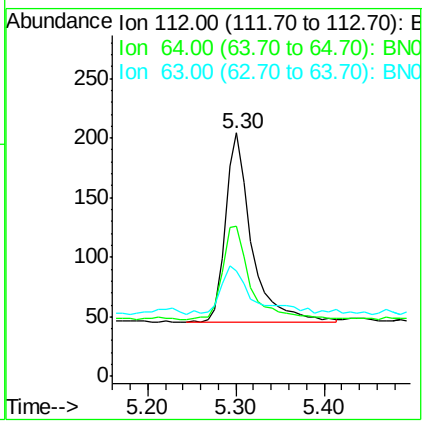


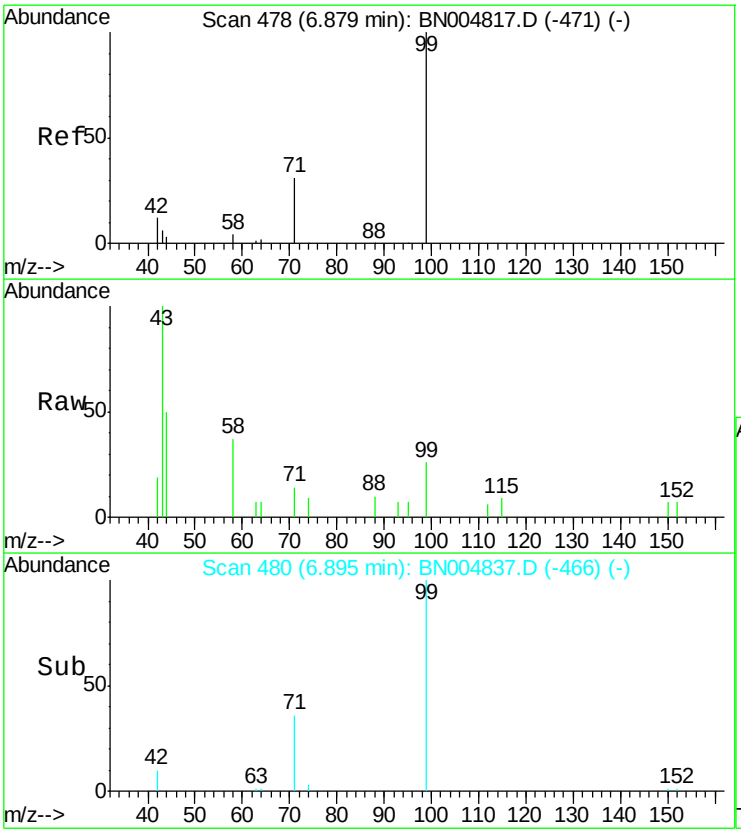
#4
2-Fluorophenol
Concen: 0.074 ng
RT: 5.30 min Scan# 282
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:112 Resp: 322

Ion	Ratio	Lower	Upper
112	100		
64	55.6	40.0	60.0
63	27.0	20.2	30.2

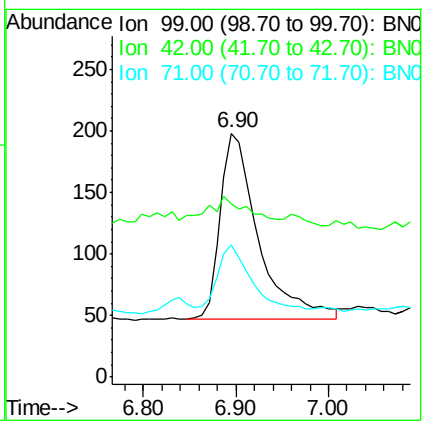


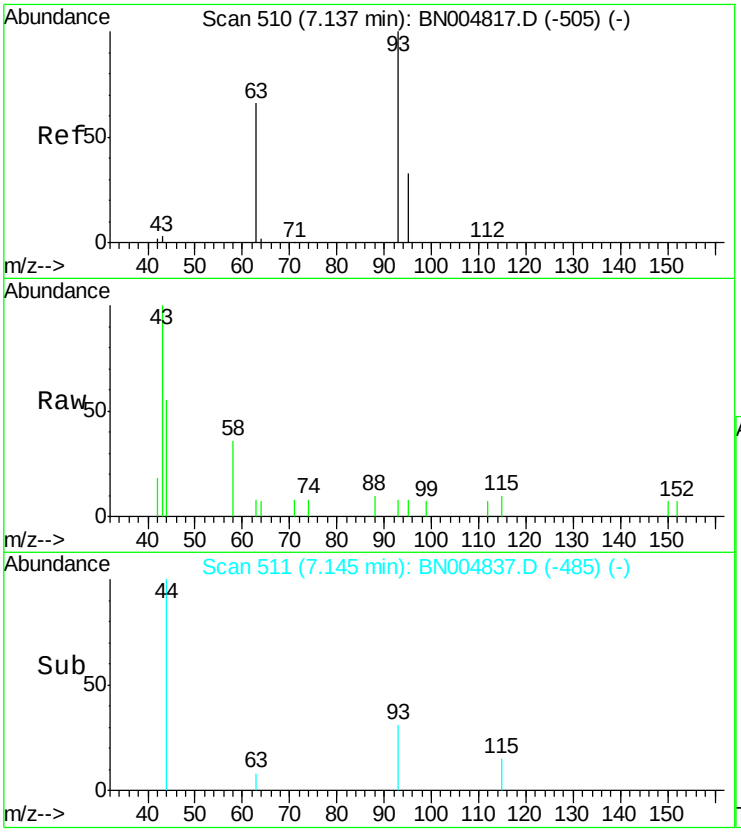


#5
Phenol-d6
Concen: 0.080 ng
RT: 6.90 min Scan# 480
Delta R.T. 0.02 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion: 99 Resp: 435

Ion	Ratio	Lower	Upper
99	100		
42	10.6	12.7	19.1#
71	31.7	26.6	40.0



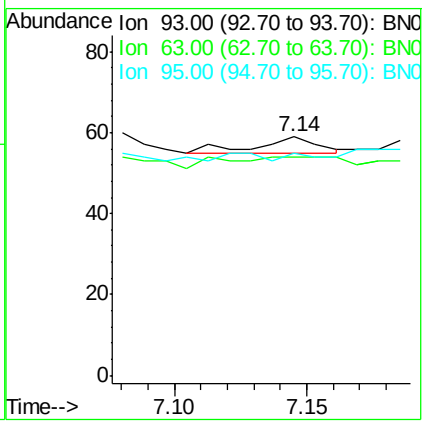


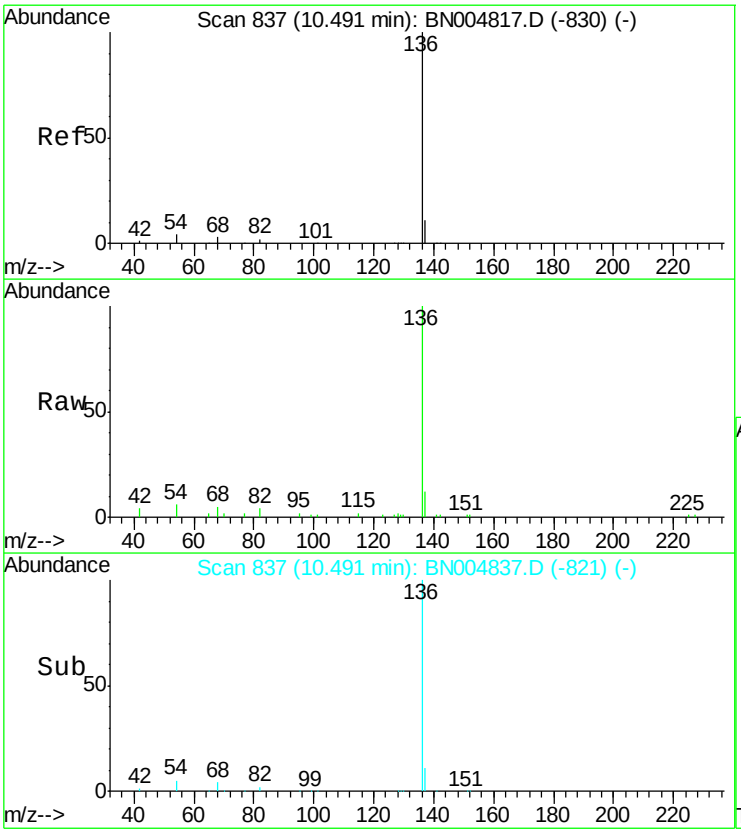
#6
bis(2-Chloroethyl)ether
Concen: 0.001 ng
RT: 7.14 min Scan# 511
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion: 93 Resp: 6

Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.6	78.8#
95	0.0	25.9	38.9#

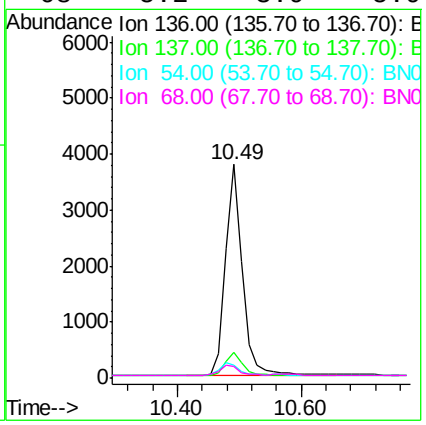


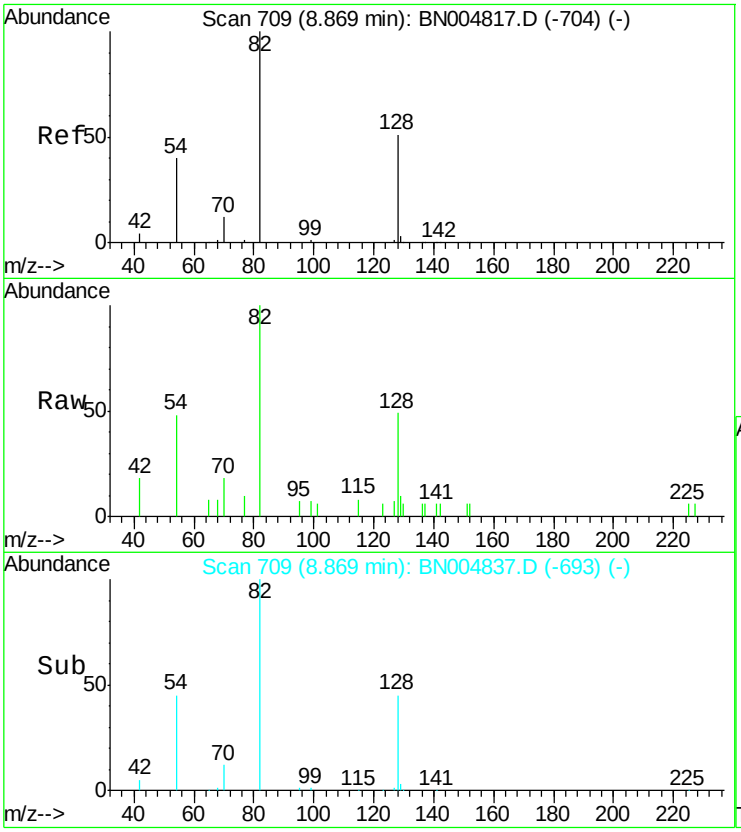


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:136 Resp: 7283

Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	5.9	4.2	6.2
68	5.2	3.9	5.9



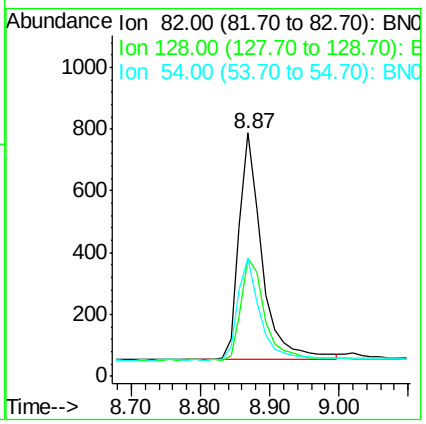


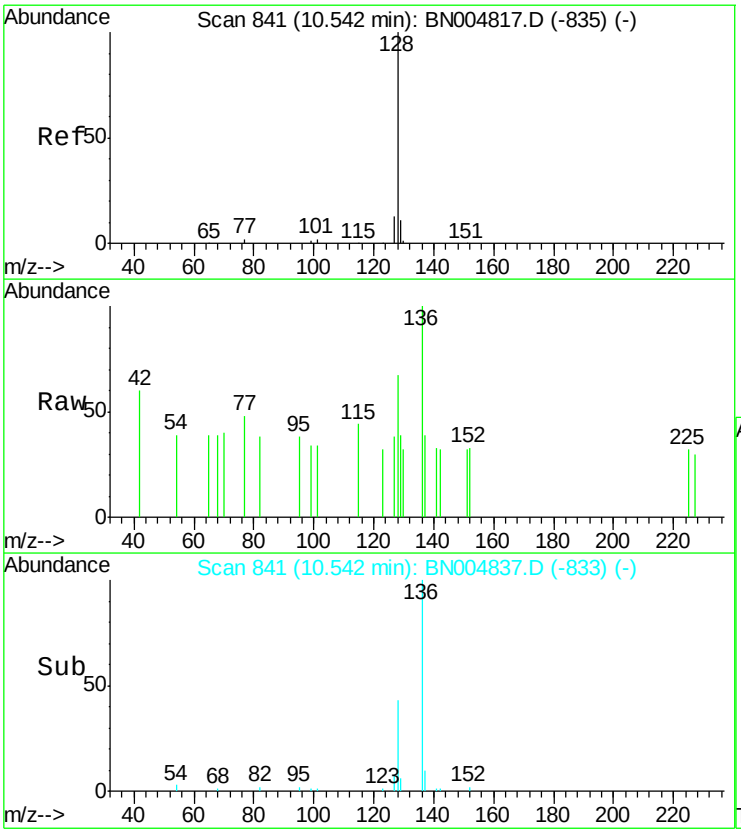
#8
Nitrobenzene-d5
Concen: 0.348 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion: 82 Resp: 1678

Ion	Ratio	Lower	Upper
82	100		
128	48.7	43.0	64.6
54	48.4	35.3	52.9

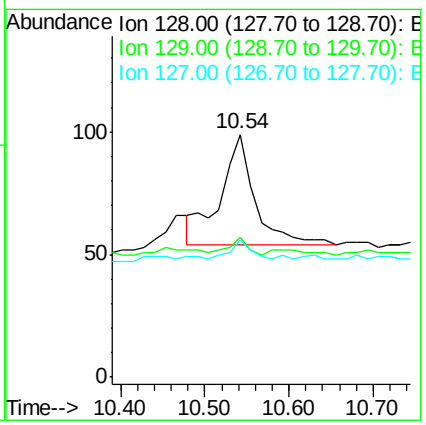


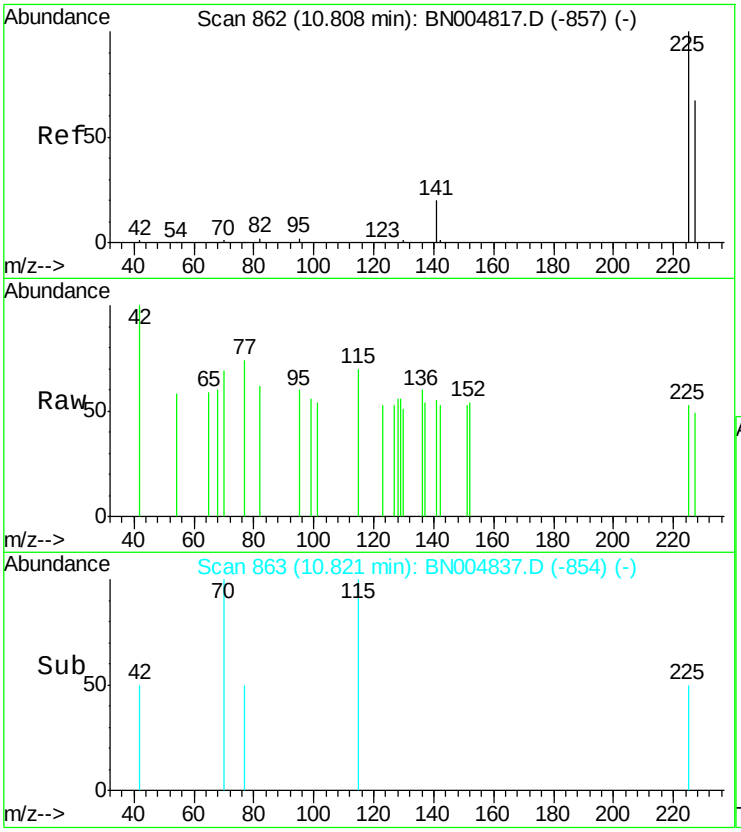


#9
Naphthalene
Concen: 0.006 ng
RT: 10.54 min Scan# 841
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:128 Resp: 129

Ion	Ratio	Lower	Upper
128	100		
129	57.6	9.9	14.9#
127	56.6	11.3	16.9#



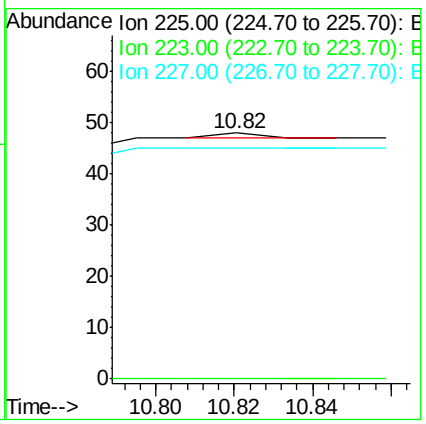


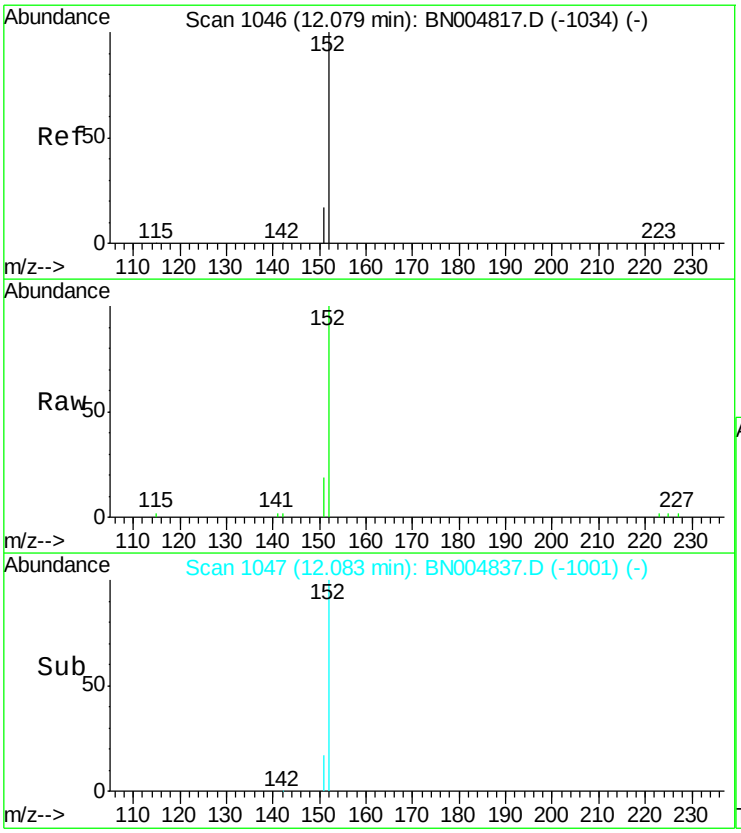
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.82 min Scan# 863
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:225 Resp: 1

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	52.2	78.4#

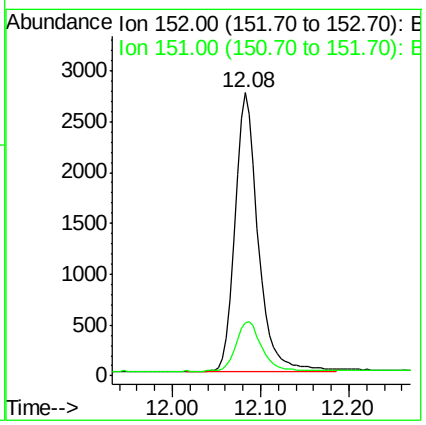


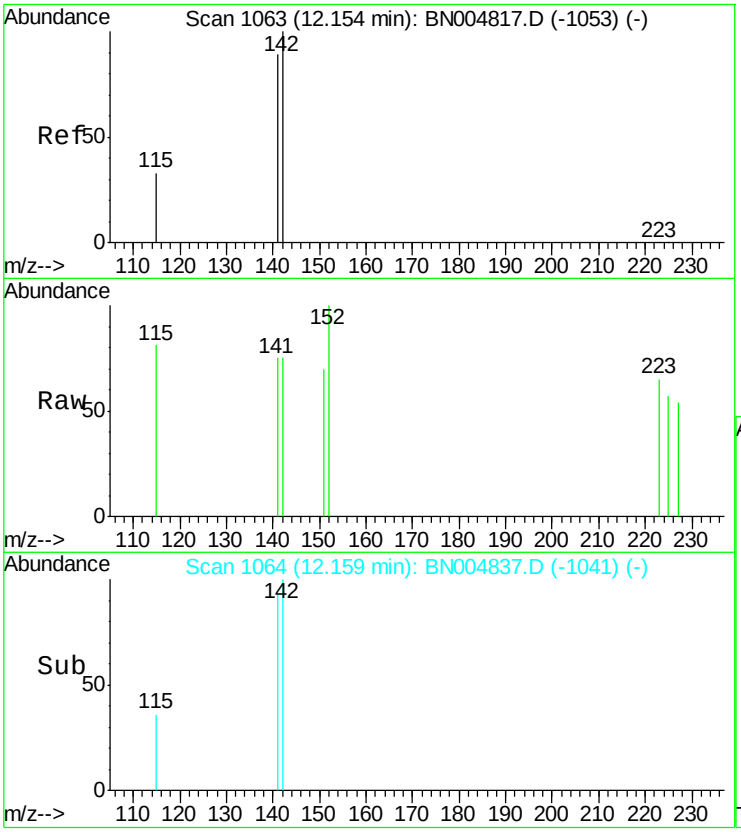


#11
2-Methylnaphthalene-d10
Concen: 0.389 ng
RT: 12.08 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:152 Resp: 4944

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.5	23.3



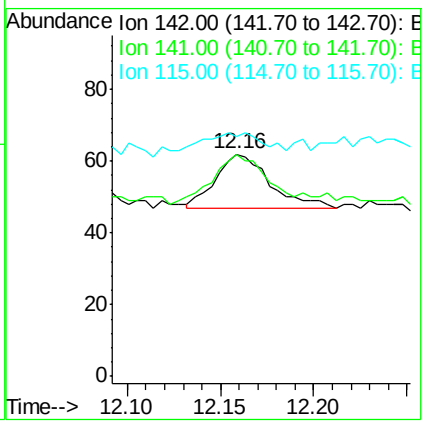


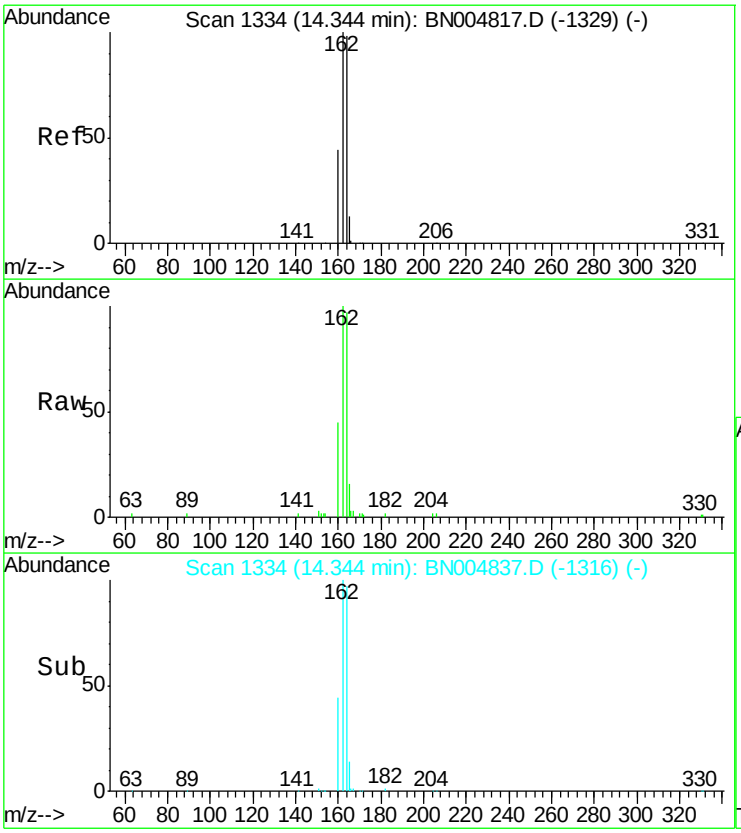
#12
2-Methylnaphthalene
Concen: 0.002 ng
RT: 12.16 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:142 Resp: 30

Ion	Ratio	Lower	Upper
142	100		
141	100.0	71.4	107.2
115	108.1	27.5	41.3#

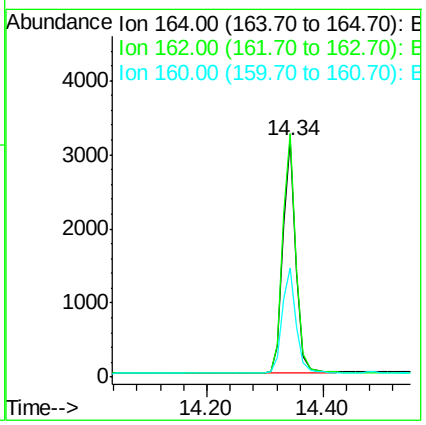


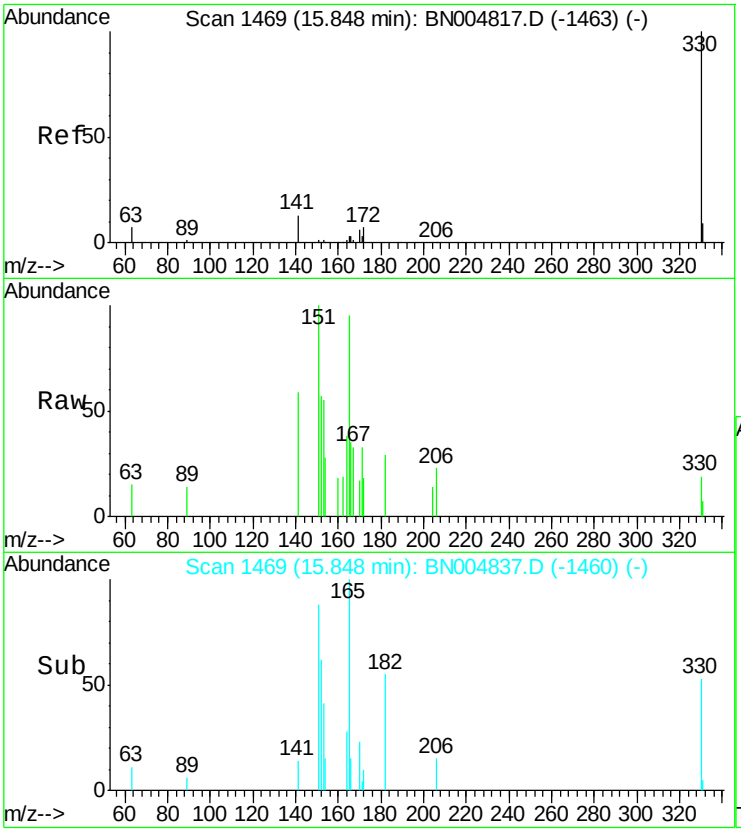


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.34 min Scan# 1334
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:164 Resp: 4872

Ion	Ratio	Lower	Upper
164	100		
162	102.8	81.9	122.9
160	46.3	36.6	54.8



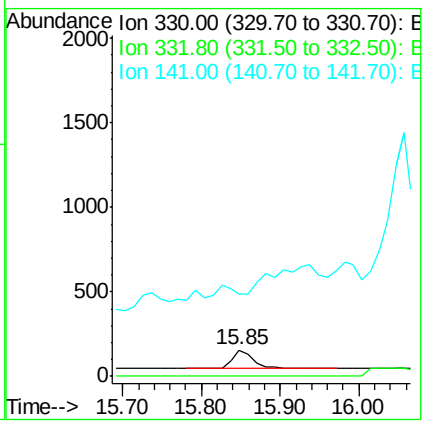


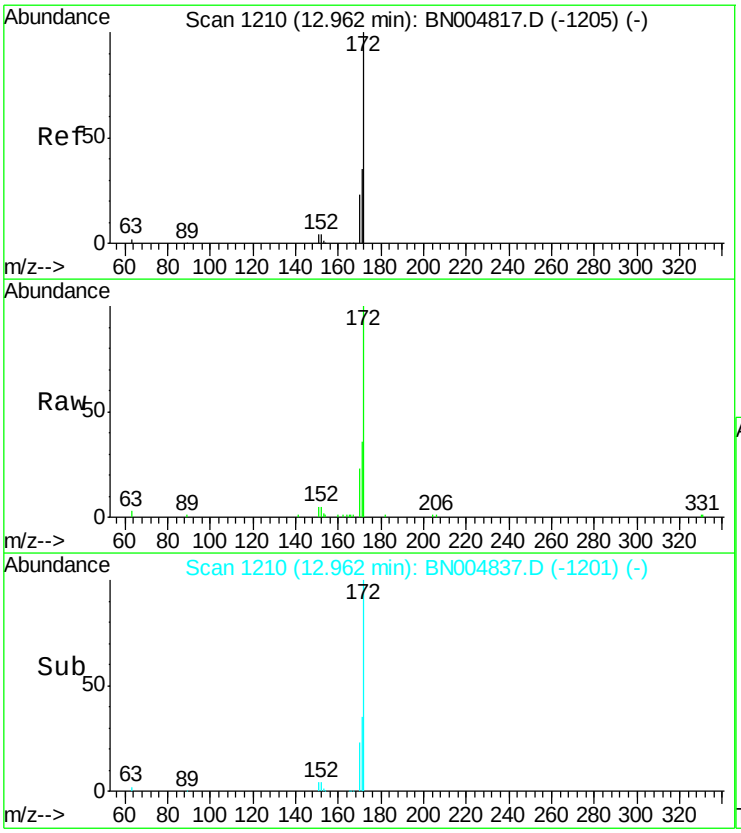
#14
2,4,6-Tribromophenol
Concen: 0.066 ng
RT: 15.85 min Scan# 1469
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:330 Resp: 221

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	0.0	20.9	31.3#

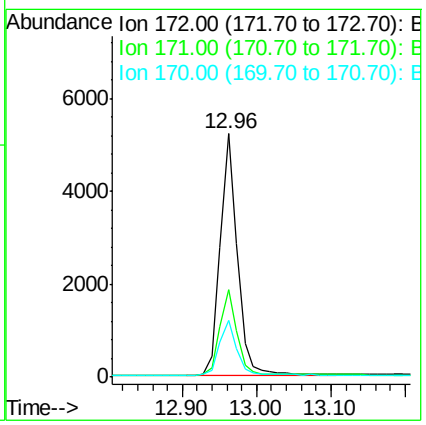


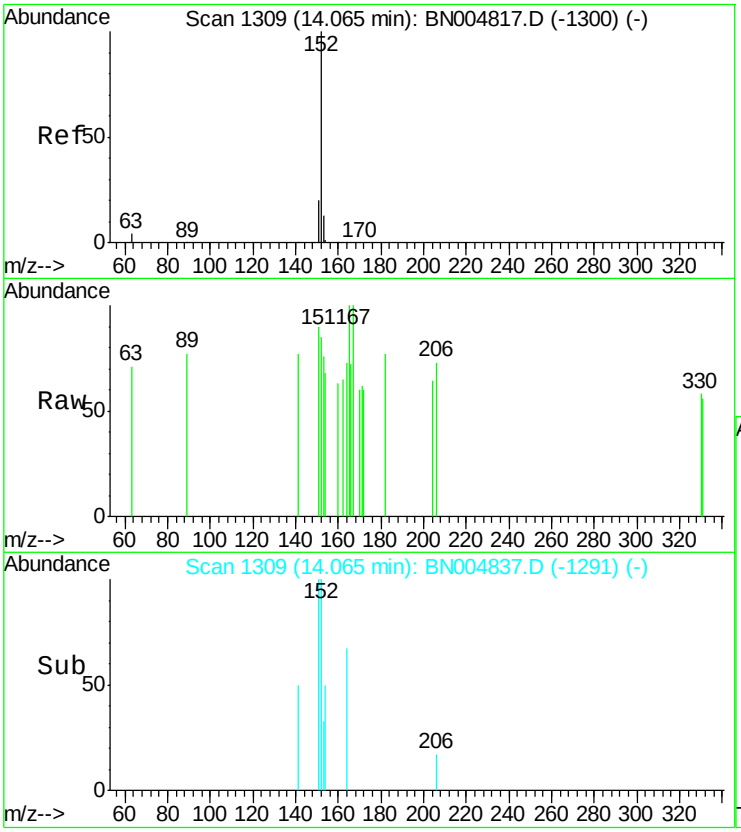


#15
2-Fluorobiphenyl
Concen: 0.412 ng
RT: 12.96 min Scan# 1210
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:172 Resp: 8296

Ion	Ratio	Lower	Upper
172	100		
171	36.0	28.7	43.1
170	23.5	18.7	28.1



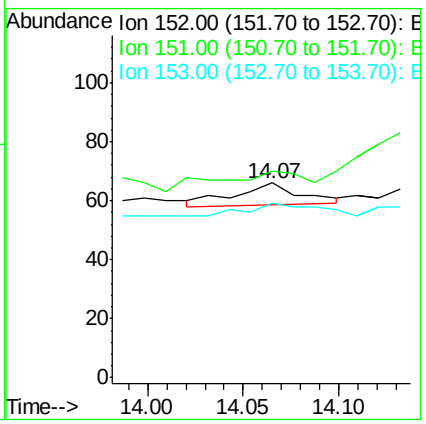


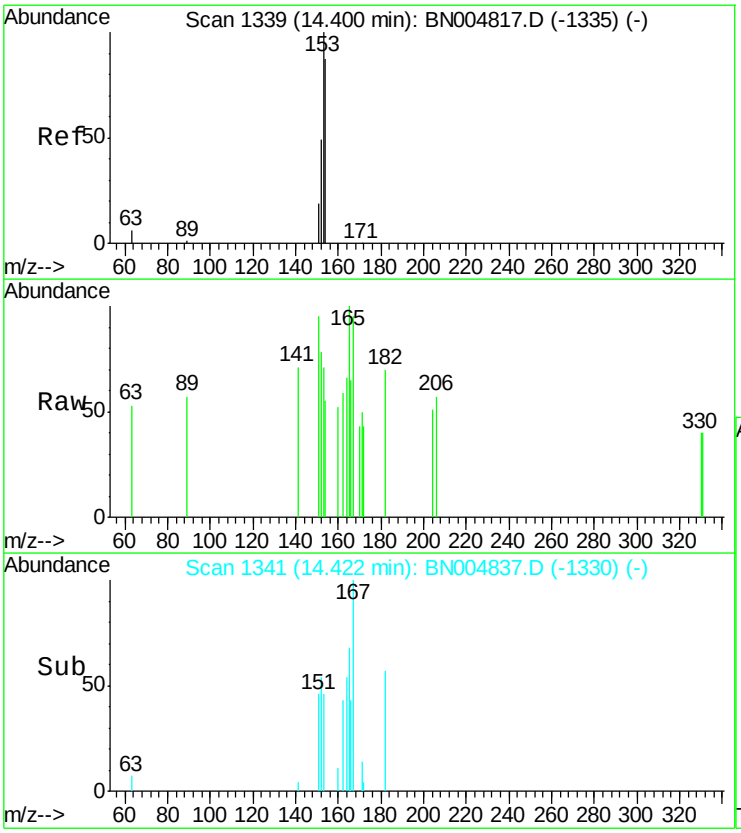
#16
Acenaphthylene
Concen: 0.001 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:152 Resp: 19

Ion	Ratio	Lower	Upper
152	100		
151	115.8	16.1	24.1#
153	52.6	10.5	15.7#

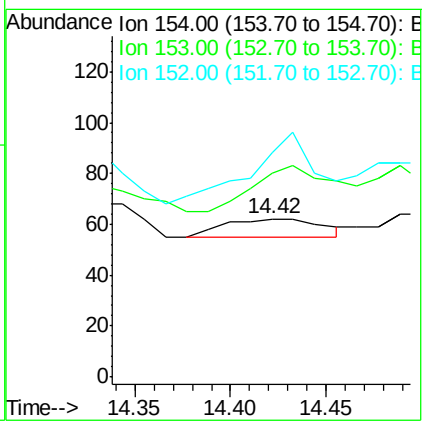


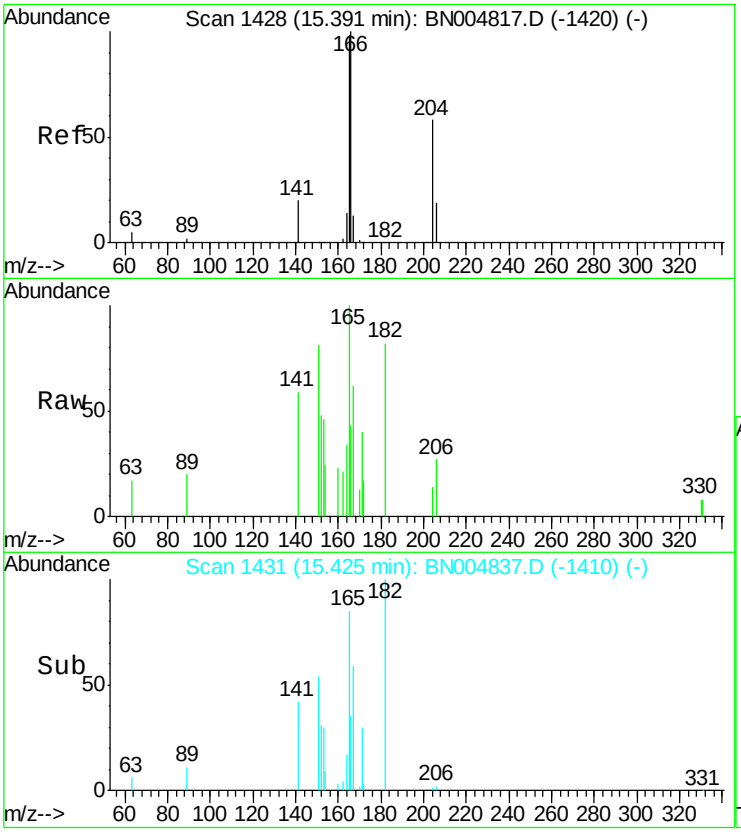


#17
Acenaphthene
Concen: 0.002 ng
RT: 14.42 min Scan# 1341
Delta R.T. 0.02 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:154 Resp: 25

Ion	Ratio	Lower	Upper
154	100		
153	216.0	91.4	137.2#
152	260.0	44.2	66.2#



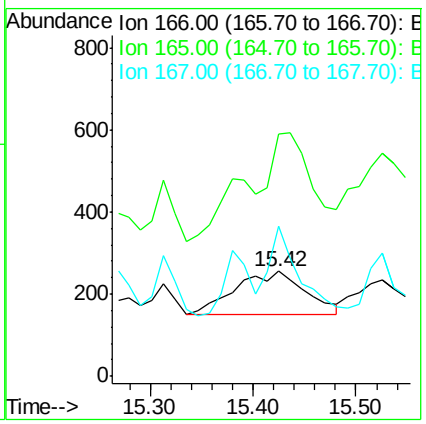


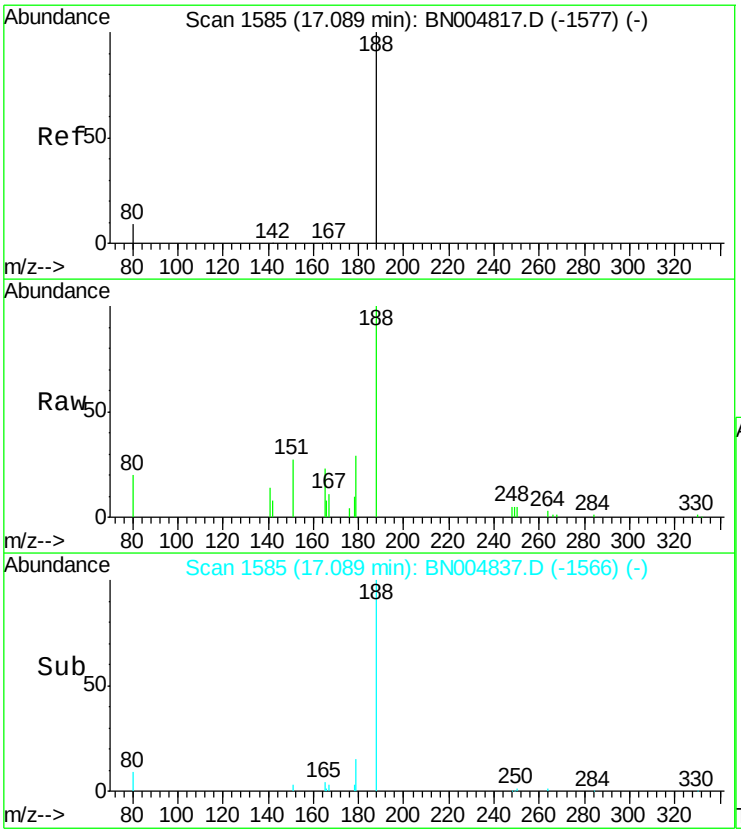
#18
Fluorene
Concen: 0.021 ng
RT: 15.42 min Scan# 1431
Delta R.T. 0.03 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:166 Resp: 479

Ion	Ratio	Lower	Upper
166	100		
165	240.5	78.2	117.4#
167	77.7	11.0	16.4#

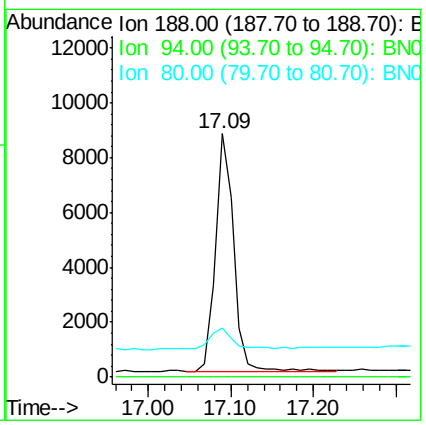


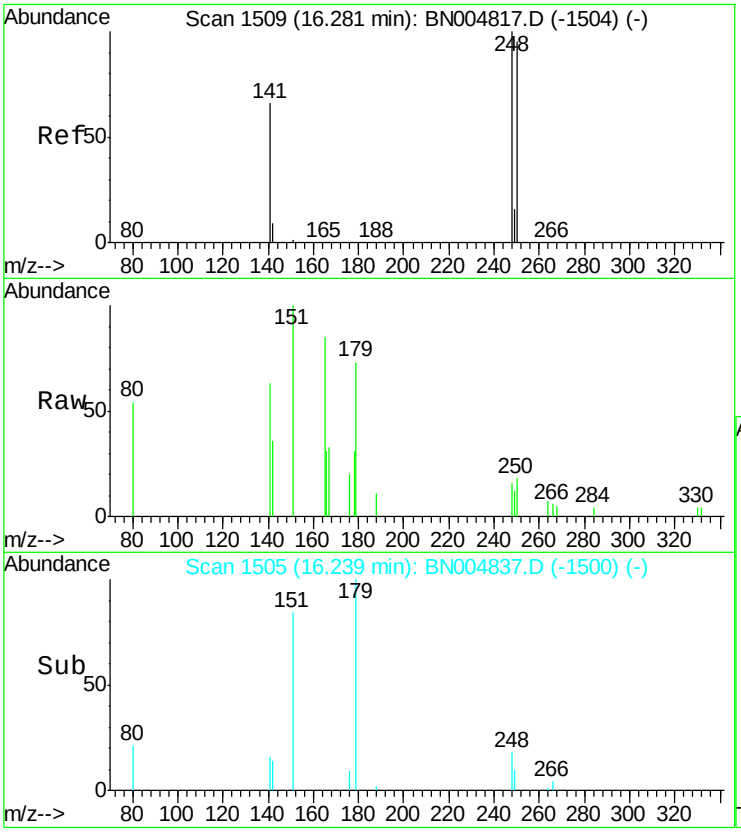


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:188 Resp: 13281

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	20.4	7.4	11.2#



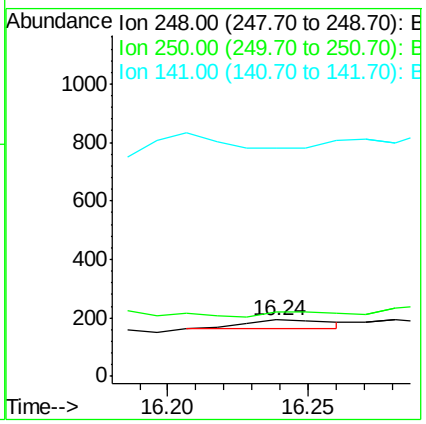


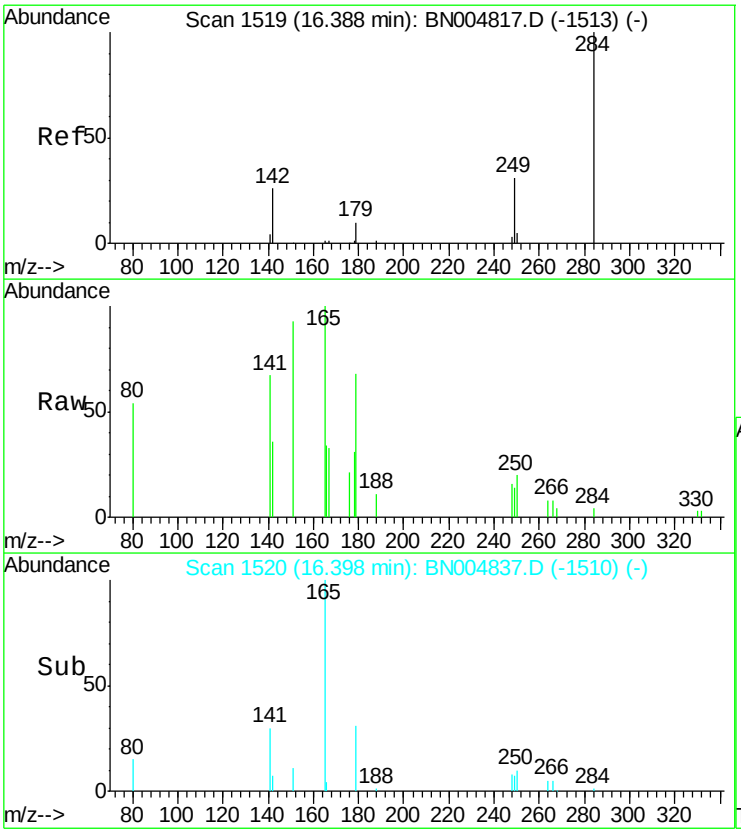
#20
4-Bromophenyl-phenylether
Concen: 0.007 ng
RT: 16.24 min Scan# 1505
Delta R.T. -0.04 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:248 Resp: 63

Ion	Ratio	Lower	Upper
248	100		
250	113.5	76.2	114.4
141	404.1	53.9	80.9#

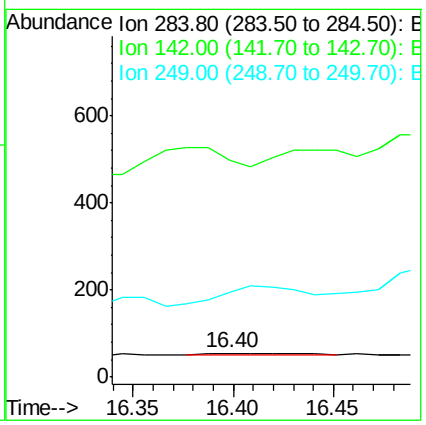


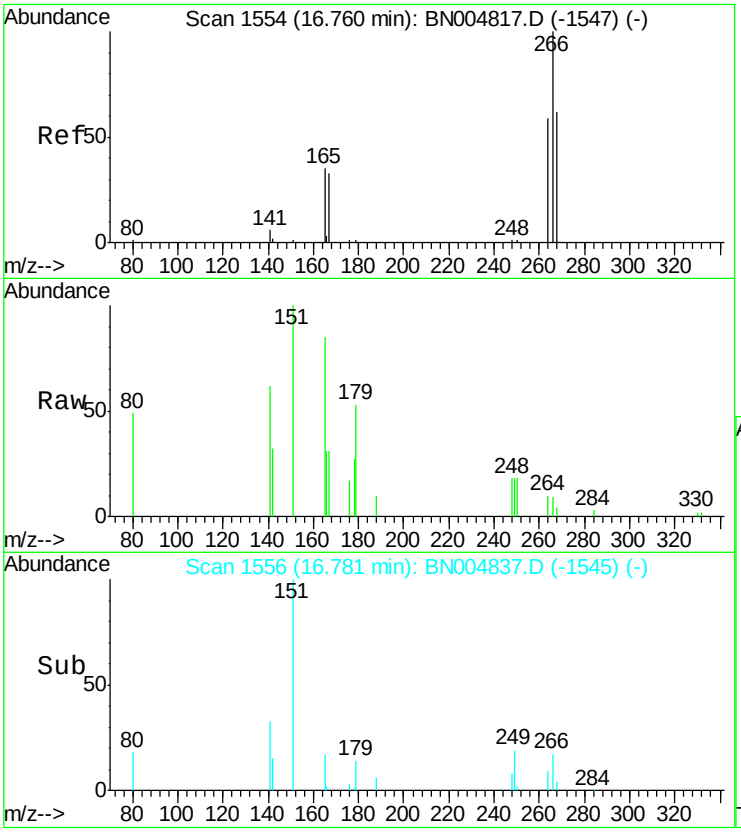


#21
Hexachlorobenzene
Concen: 0.001 ng
RT: 16.40 min Scan# 1520
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:284 Resp: 6

Ion	Ratio	Lower	Upper
284	100		
142	0.0	22.6	34.0#
249	2250.0	22.5	33.7#



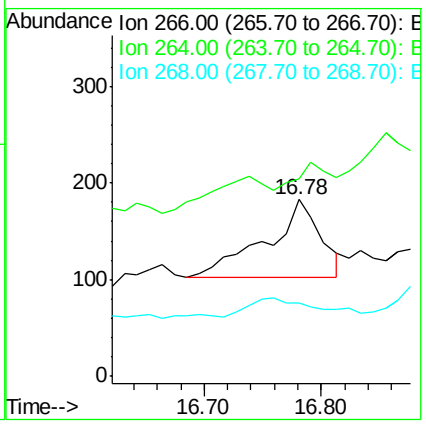


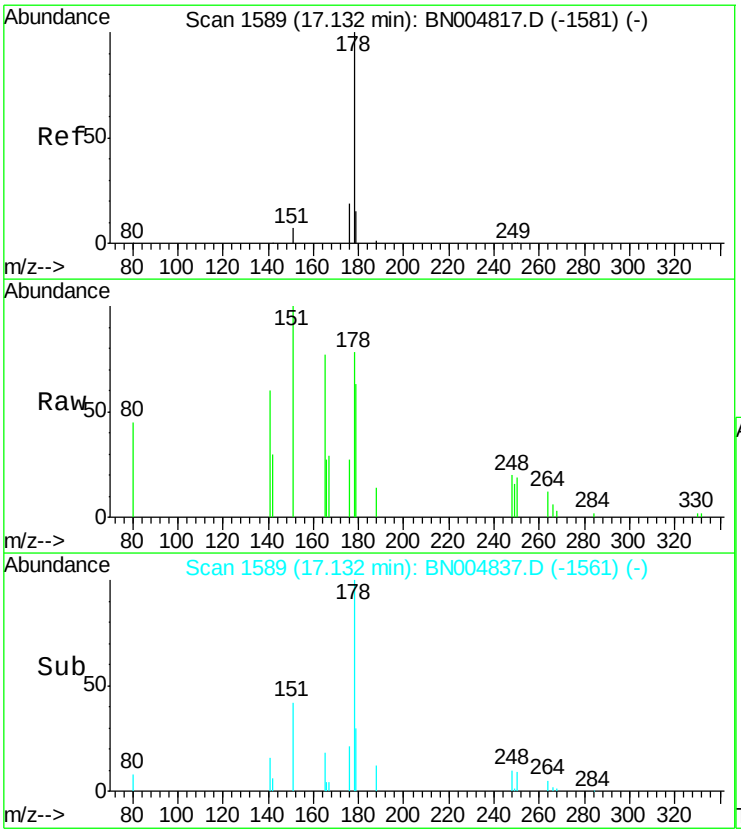
#22
Pentachlorophenol
Concen: 0.136 ng
RT: 16.78 min Scan# 1556
Delta R.T. 0.02 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:266 Resp: 265

Ion	Ratio	Lower	Upper
266	100		
264	111.5	53.1	79.7#
268	41.5	57.7	86.5#

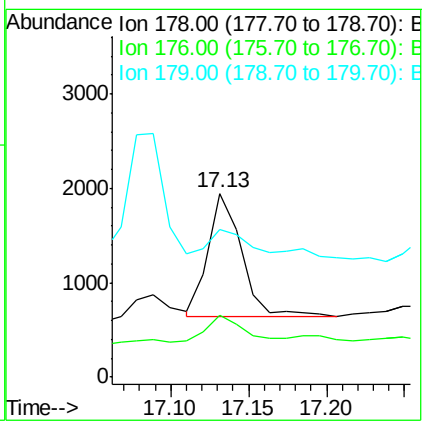


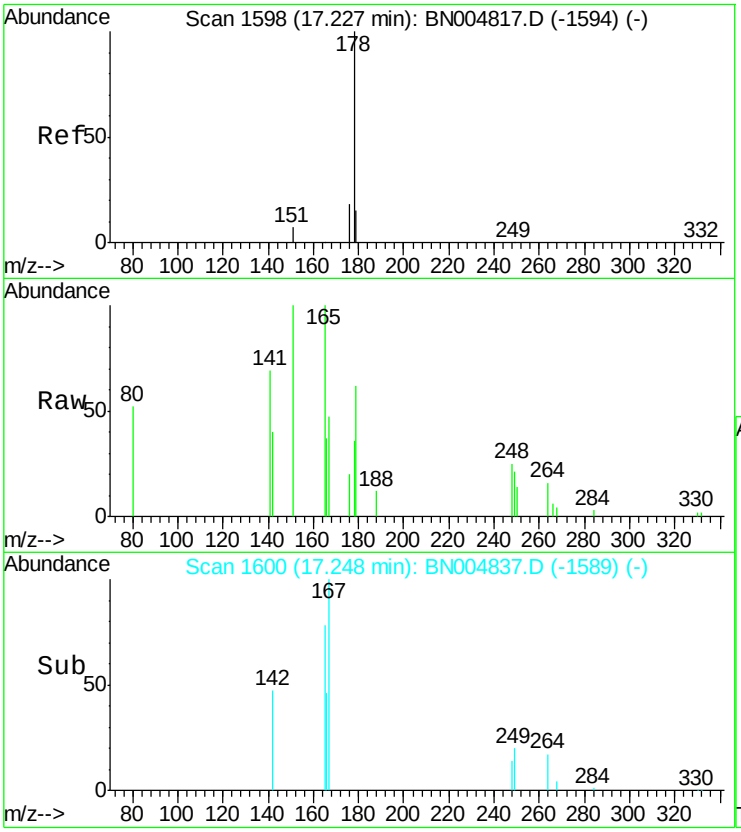


#23
Phenanthrene
Concen: 0.046 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:178 Resp: 1957

Ion	Ratio	Lower	Upper
178	100		
176	33.0	14.9	22.3#
179	36.0	12.1	18.1#



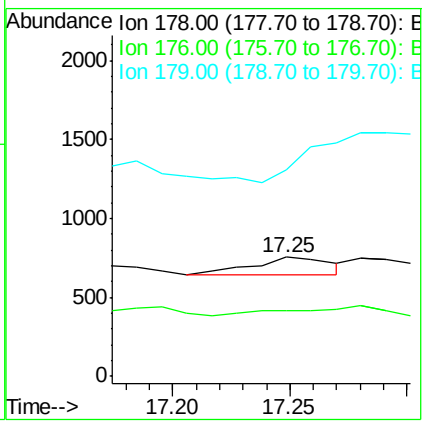


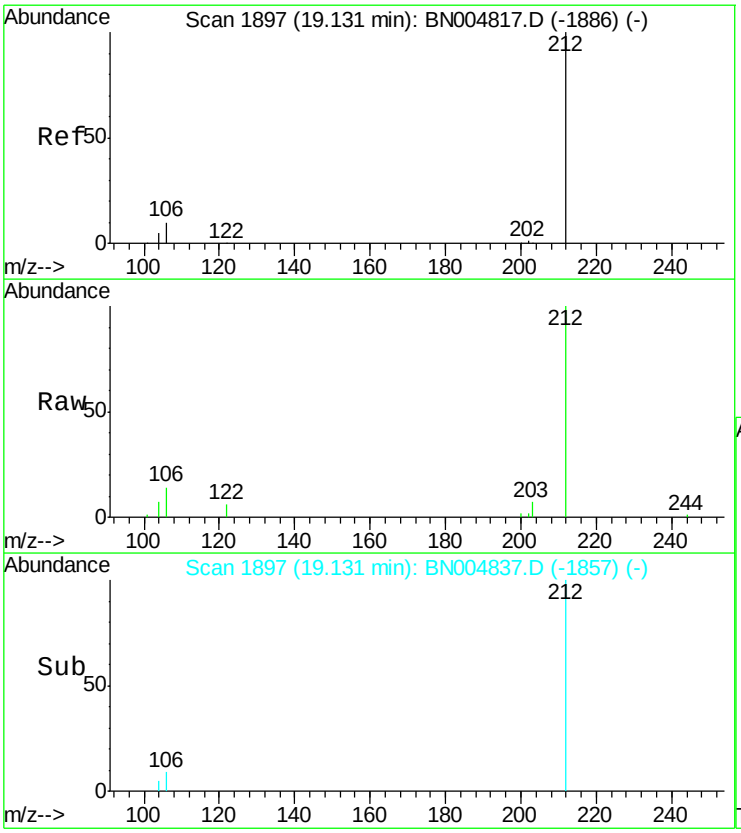
#24
Anthracene
Concen: 0.007 ng
RT: 17.25 min Scan# 1600
Delta R.T. 0.02 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:178 Resp: 254

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

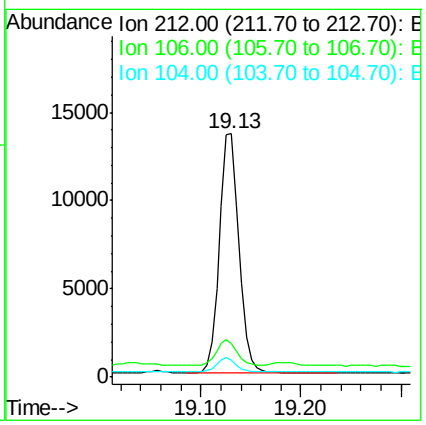


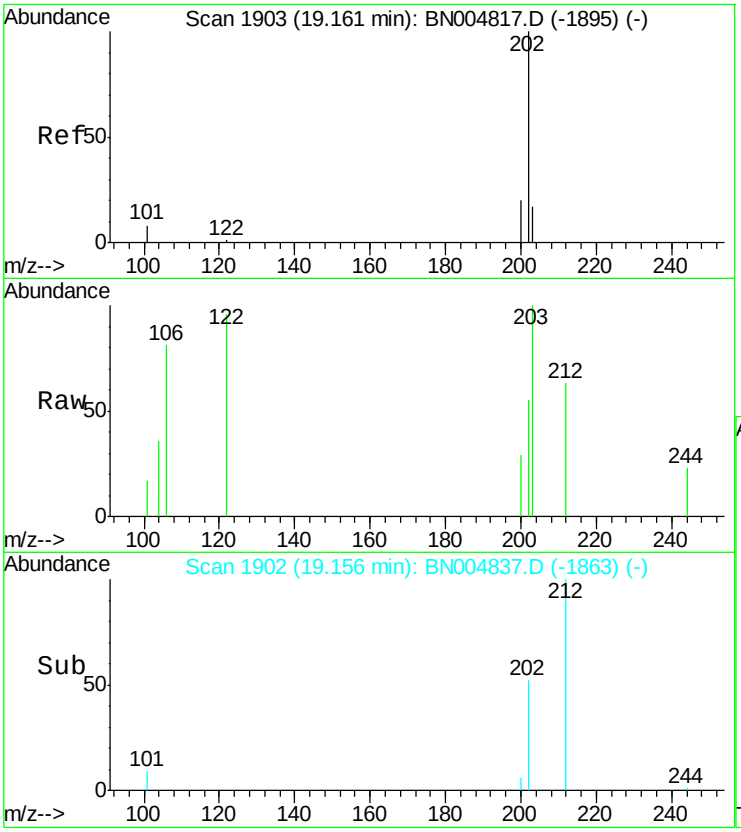


#25
Fluoranthene-d10
Concen: 0.415 ng
RT: 19.13 min Scan# 1897
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:212 Resp: 18446

Ion	Ratio	Lower	Upper
212	100		
106	11.0	8.6	13.0
104	5.9	4.7	7.1



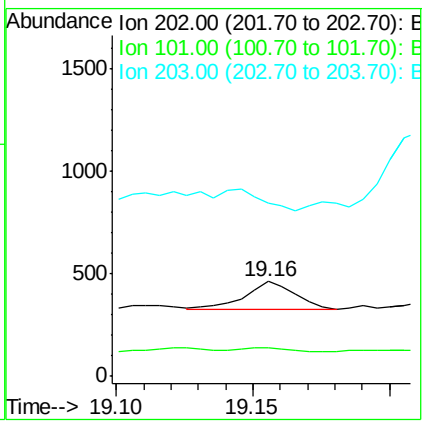


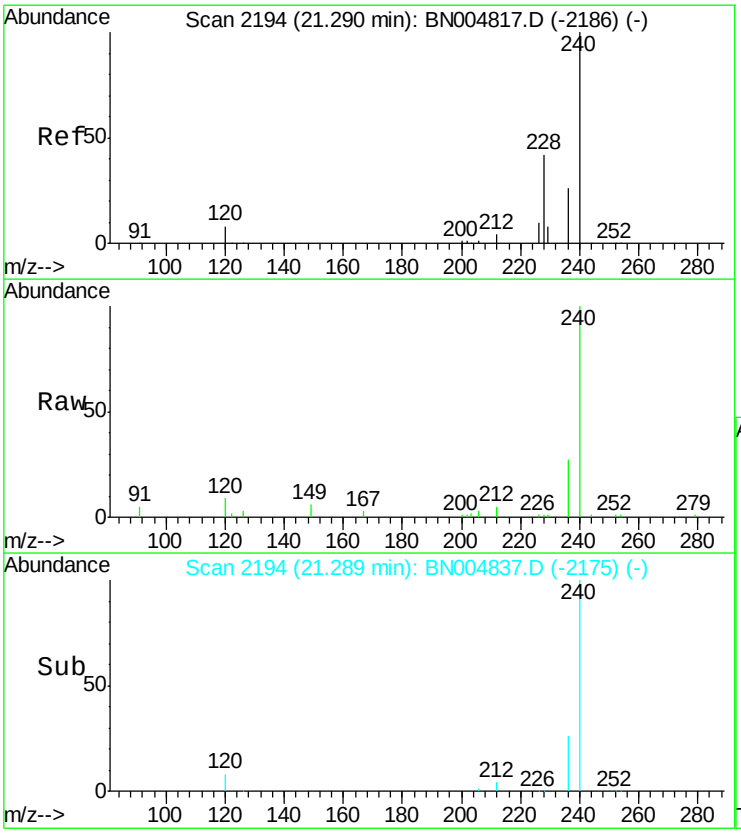
#26
Fluoranthene
Concen: 0.003 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:202 Resp: 167

Ion	Ratio	Lower	Upper
202	100		
101	13.8	7.5	11.3#
203	0.0	13.8	20.6#

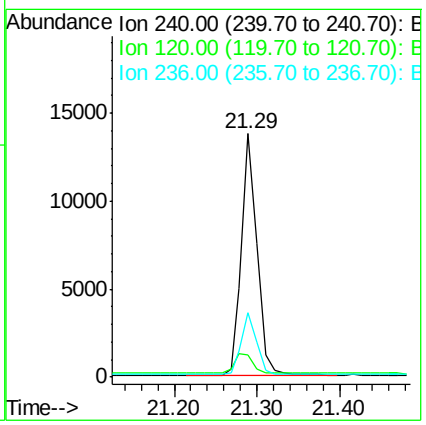


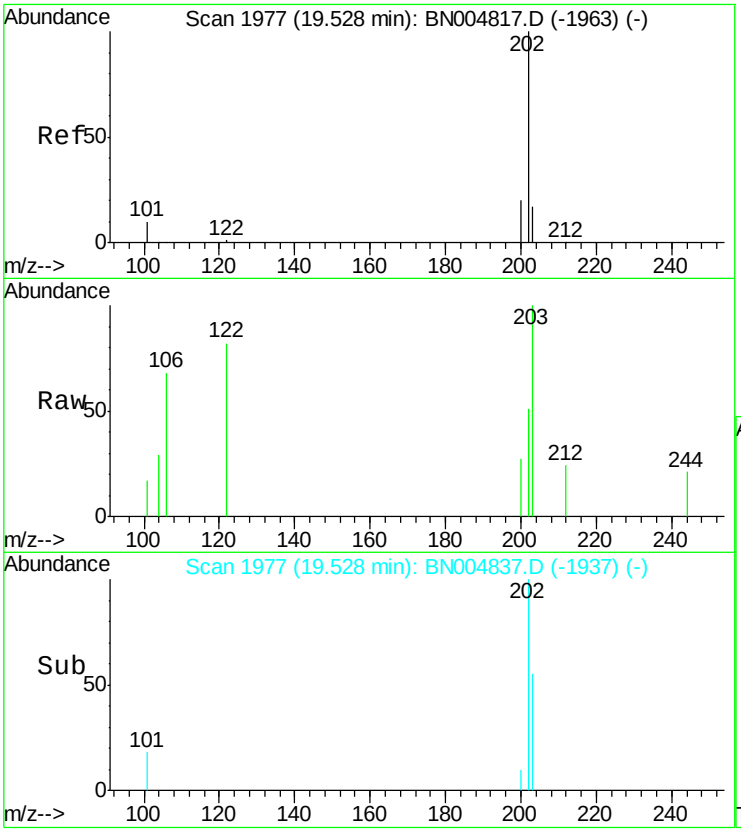


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:240 Resp: 18115

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.2	10.8
236	26.7	20.9	31.3



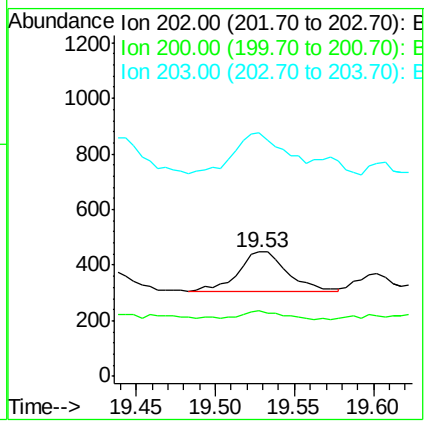


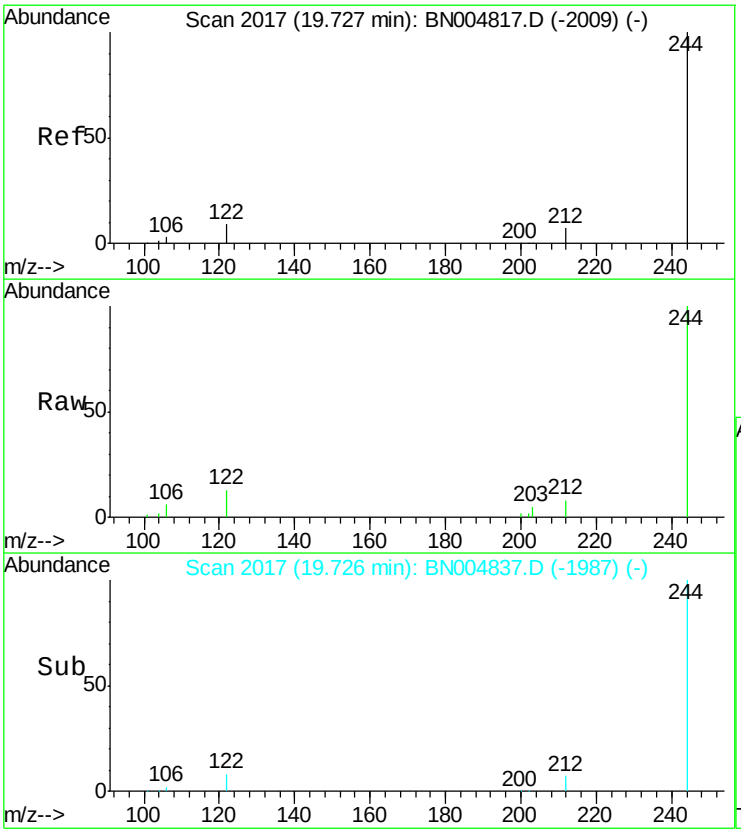
#28
Pyrene
Concen: 0.006 ng
RT: 19.53 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:202 Resp: 317

Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.3	24.5
203	100.9	14.0	21.0#

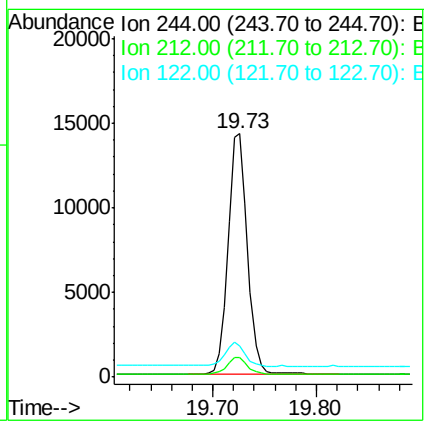


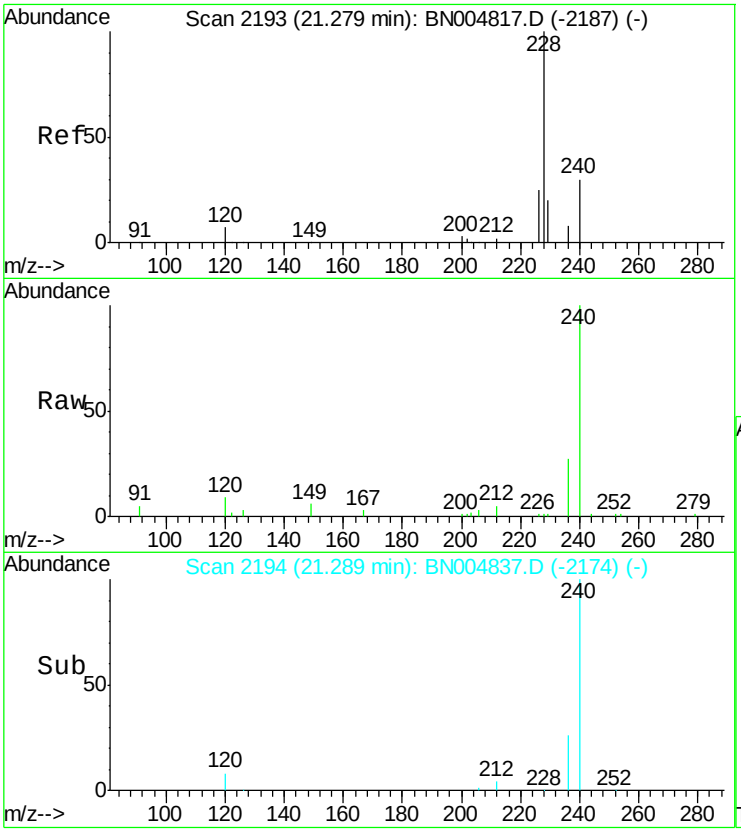


#29
Terphenyl-d14
Concen: 0.485 ng
RT: 19.73 min Scan# 2017
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:244 Resp: 17962

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	12.8	7.9	11.9#



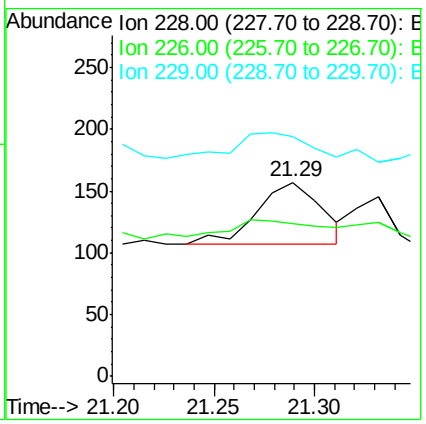


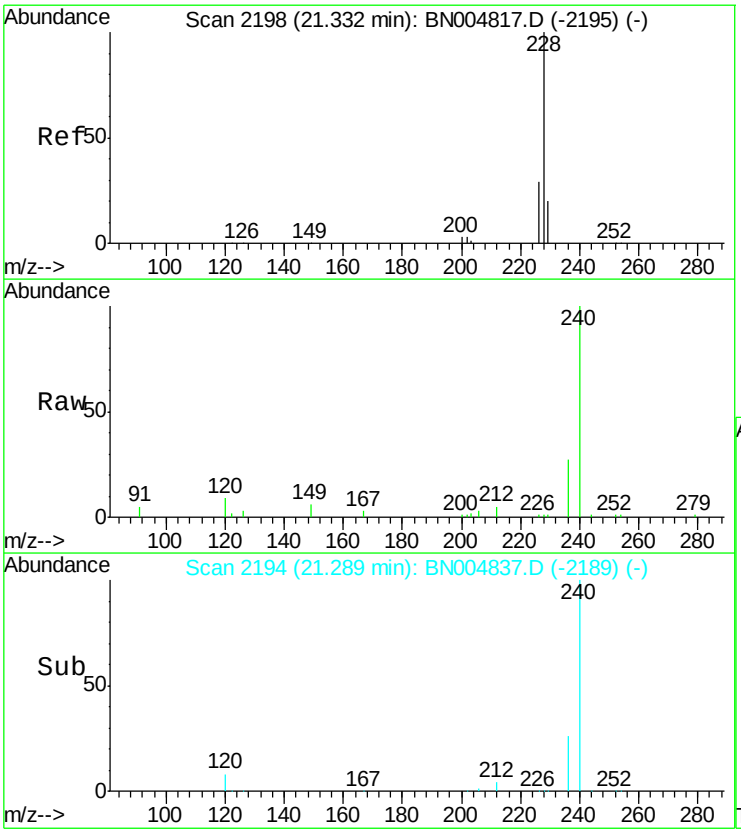
#30
Benzo(a)anthracene
Concen: 0.002 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:228 Resp: 112

Ion	Ratio	Lower	Upper
228	100		
226	79.0	20.6	31.0#
229	123.6	16.2	24.4#

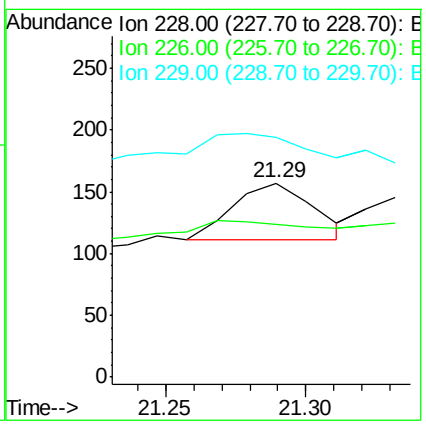


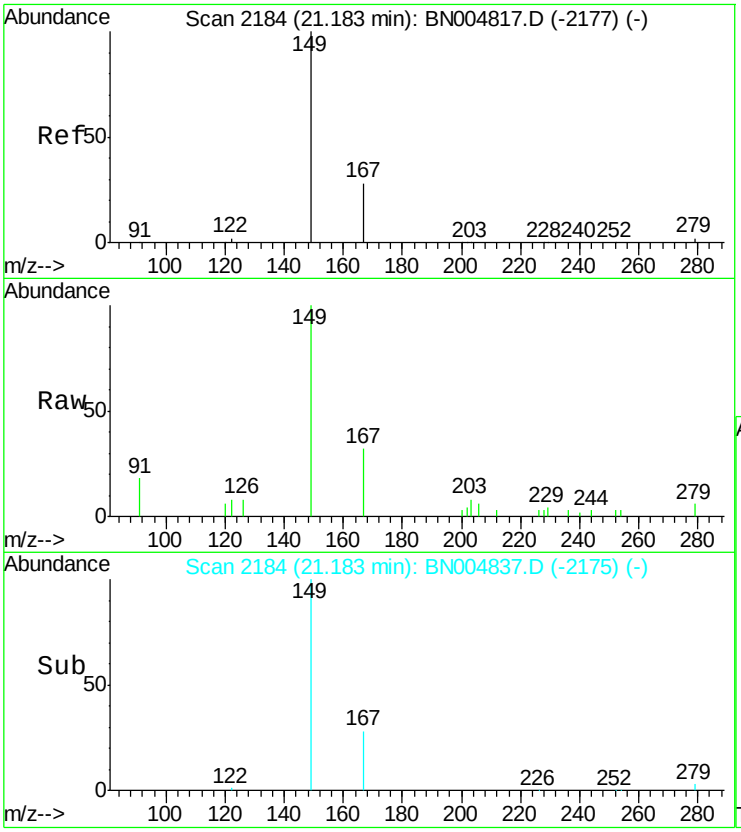


#31
Chrysene
Concen: 0.001 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.04 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:228 Resp: 92

Ion	Ratio	Lower	Upper
228	100		
226	79.0	23.0	34.6#
229	123.6	16.2	24.2#



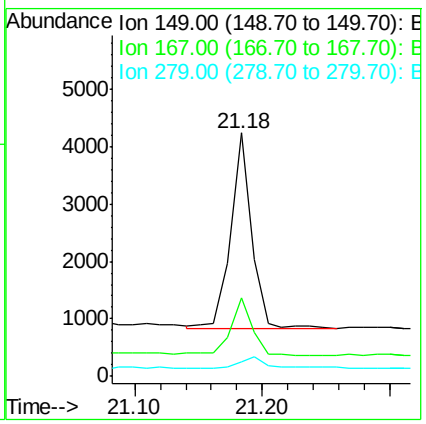


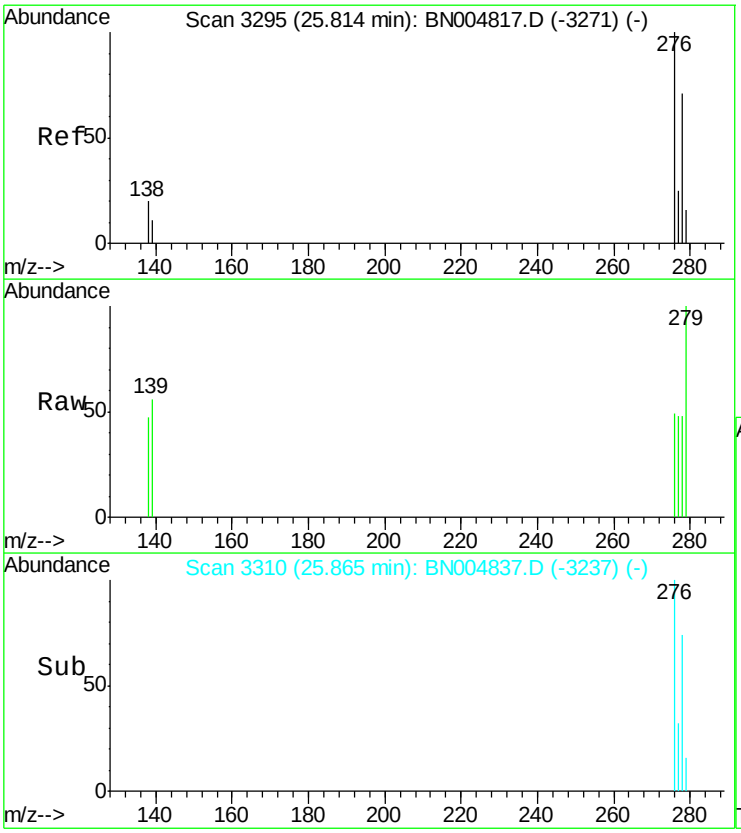
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:149 Resp: 3855

Ion	Ratio	Lower	Upper
149	100		
167	30.1	23.0	34.4
279	5.7	4.6	6.8

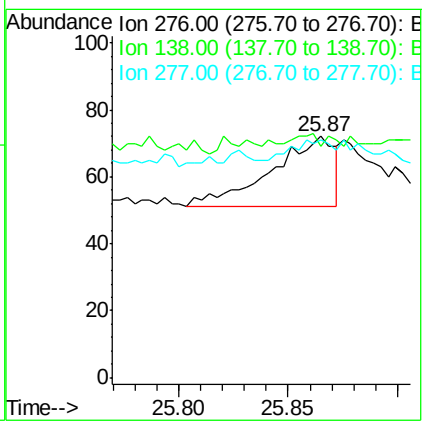


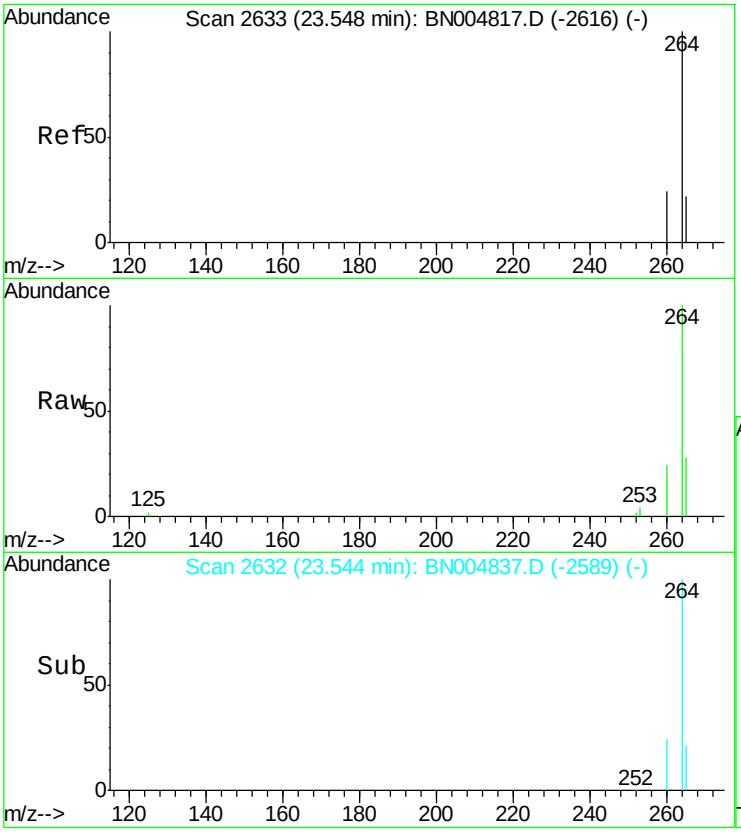


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.87 min Scan# 3310
Delta R.T. 0.05 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:276 Resp: 43

Ion	Ratio	Lower	Upper
276	100		
138	7.0	16.6	24.8#
277	16.3	20.3	30.5#



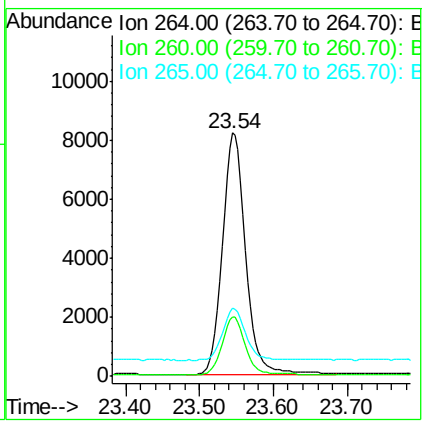


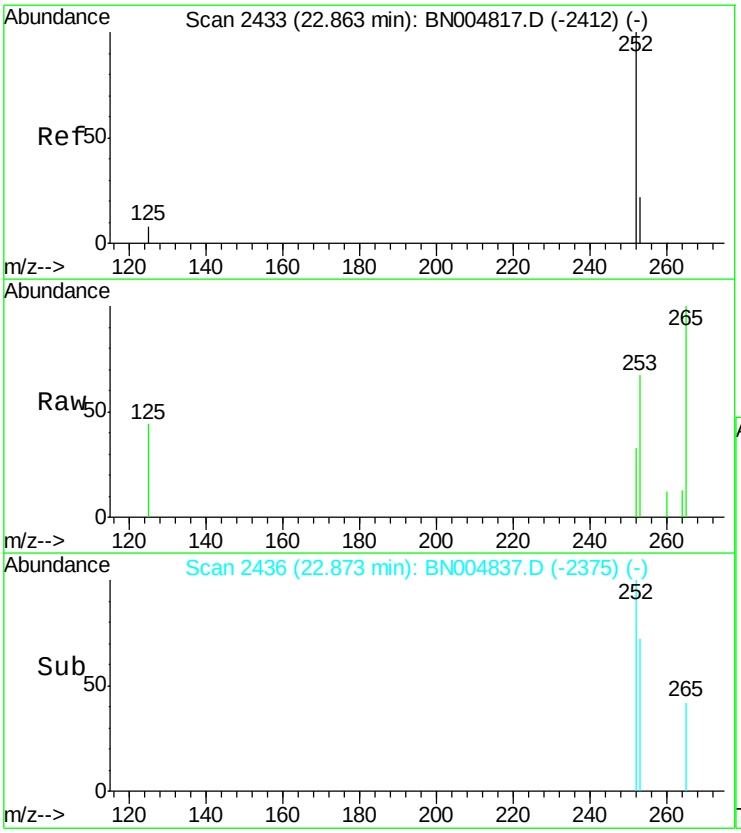
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:264 Resp: 17569

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	27.9	23.1	34.7

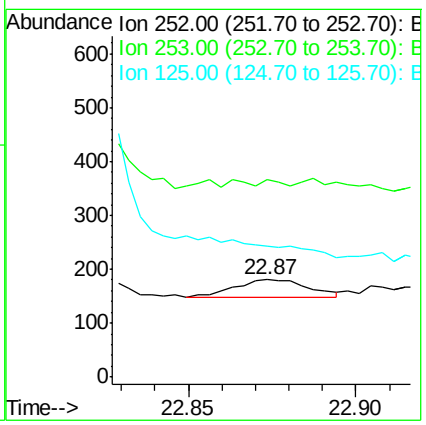


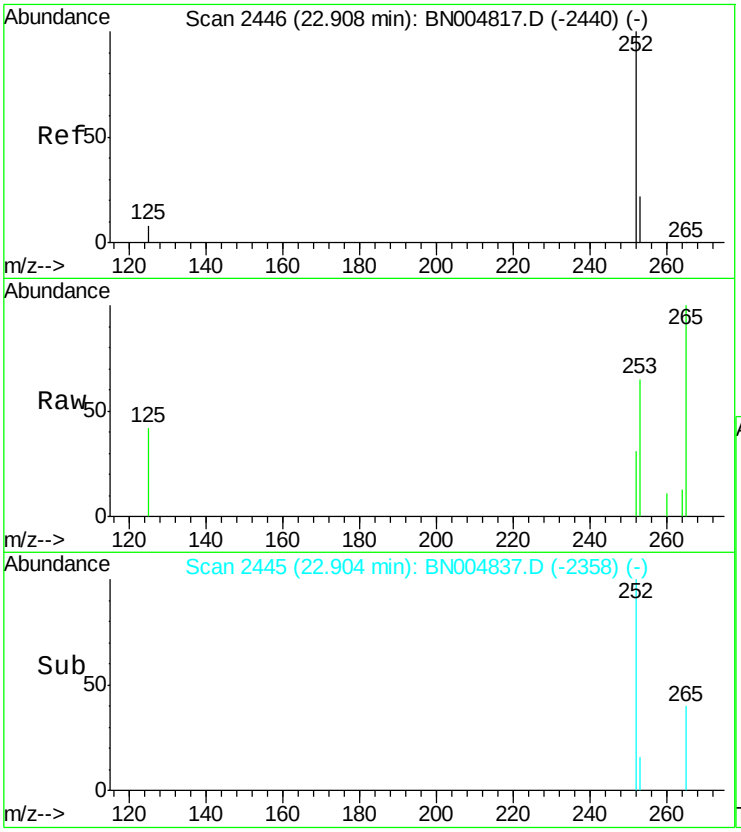


#35
Benzo(b)fluoranthene
Concen: 0.001 ng
RT: 22.87 min Scan# 2436
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:252 Resp: 47

Ion	Ratio	Lower	Upper
252	100		
253	202.8	19.0	28.4#
125	133.7	7.4	11.2#



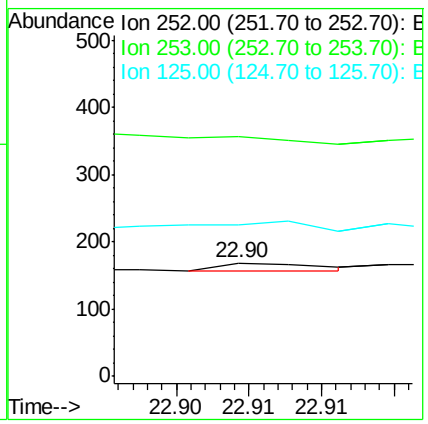


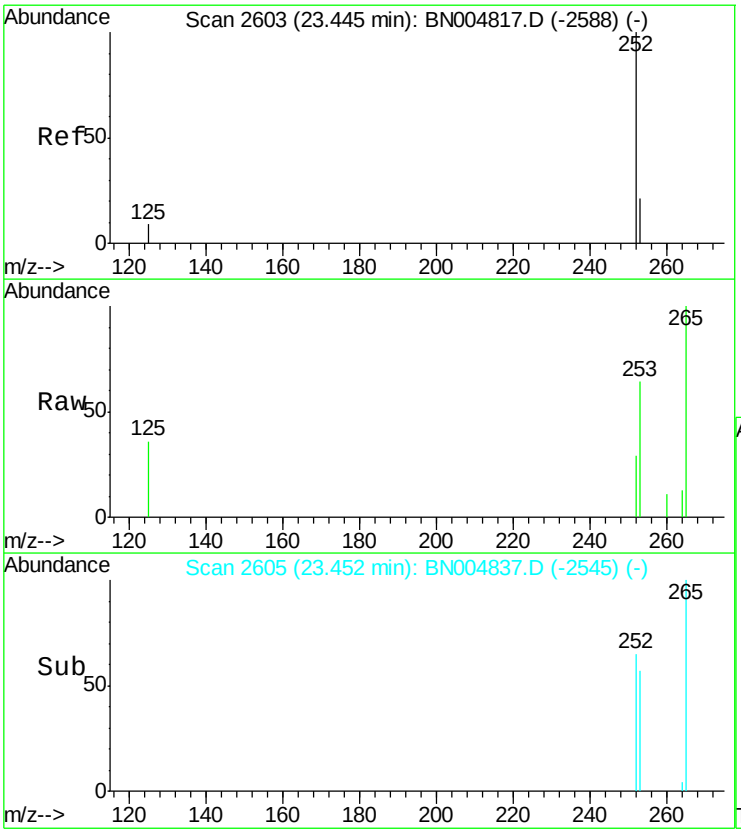
#36
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 22.90 min Scan# 2445
Delta R.T. -0.00 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:252 Resp: 6

Ion	Ratio	Lower	Upper
252	100		
253	210.7	19.3	28.9#
125	133.7	7.4	11.0#

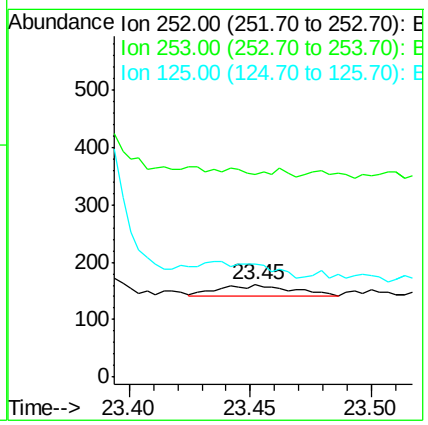


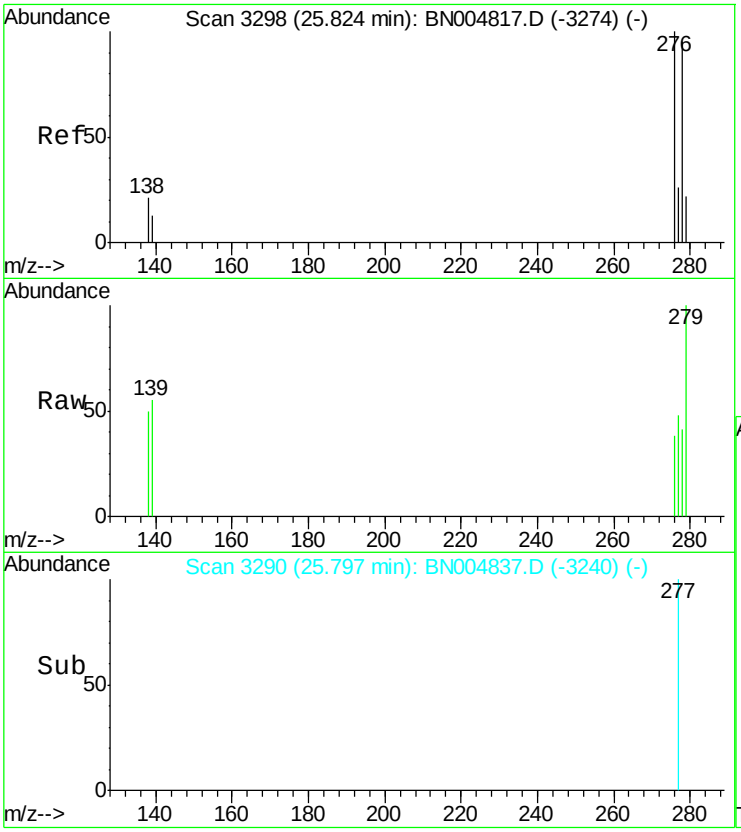


#37
Benzo(a)pyrene
Concen: 0.001 ng
RT: 23.45 min Scan# 2605
Delta R.T. 0.01 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:252 Resp: 39

Ion	Ratio	Lower	Upper
252	100		
253	219.9	19.7	29.5#
125	122.4	8.3	12.5#



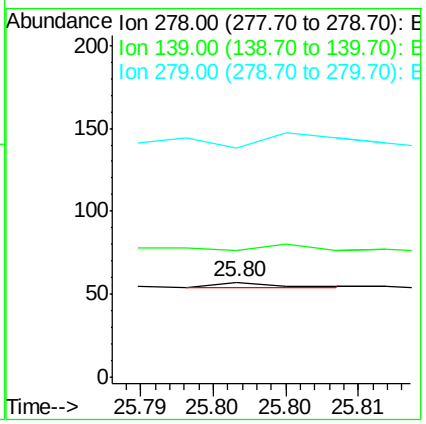


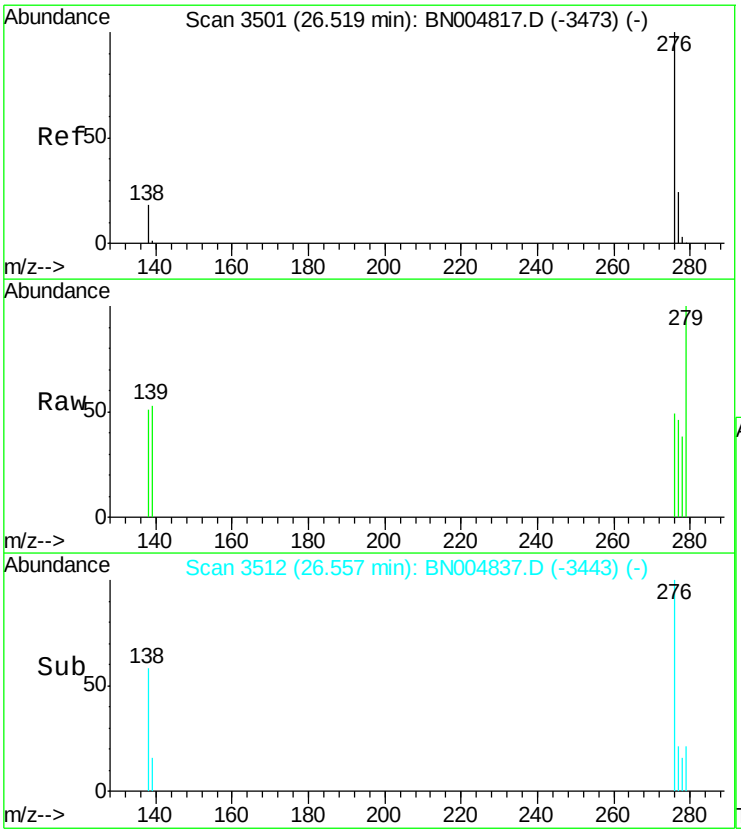
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Instrument :
BNA_N
ClientSampleId :
FB-030819

Tgt Ion:278 Resp: 1

Ion	Ratio	Lower	Upper
278	100		
139	133.3	11.7	17.5#
279	242.1	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.001 ng
RT: 26.56 min Scan# 3512
Delta R.T. 0.04 min
Lab File: BN004837.D
Acq: 21 Mar 2019 01:51

Tgt Ion:276 Resp: 73

Ion	Ratio	Lower	Upper
276	100		
277	94.5	19.7	29.5#
138	104.1	14.6	22.0#