Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032919\
Data File : BN005030.D
Acq On : 29 Mar 2019 12:54
Operator : JU/SJ
Sample : PB118091BL
Misc : 8270D extract
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PB118091BL

Quant Time: Mar 30 00:15:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN032819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 03:42:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	166425	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	688010	0.40	ng		0.00
13) Acenaphthene-d10	14.30	164	404098	0.40	ng		0.00
19) Phenanthrene-d10	17.06	188	957863	0.40	ng		0.00
27) Chrysene-d12	21.26	240	944619	0.40	ng		0.00
34) Perylene-d12	23.49	264	893186	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.25	112	977980	2.35	ng		0.00
5) Phenol-d6	6.83	99	1244551	2.53	ng		-0.02
8) Nitrobenzene-d5	8.82	82	693934	1.74	ng		-0.01
11) 2-Methylnaphthalene-d10	12.06	152	68	0.00	ng		0.02
14) 2,4,6-Tribromophenol	15.80	330	664773	2.93	ng		-0.01
15) 2-Fluorobiphenyl	12.92	172	2033098	1.33	ng		0.00
25) Fluoranthene-d10	19.11	212	10	0.00	ng		0.01
29) Terphenyl-d14	19.69	244	2762021	1.42	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.56	42	13	0.000	ng	#	1
6) bis(2-Chloroethyl)ether	7.19	93	1470	0.003	ng	#	1
9) Naphthalene	10.49	128	30	0.000	ng	#	1
10) Hexachlorobutadiene	10.80	225	4	0.000	ng	#	18
12) 2-Methylnaphthalene	12.12	142	2	0.000	ng	#	49
16) Acenaphthylene	14.03	152	19	0.000	ng	#	68
17) Acenaphthene	14.37	154	69	0.000	ng		96
18) Fluorene	15.36	166	23	0.000	ng	#	64
20) 4-Bromophenyl-phenylether	16.25	248	7	0.000	ng	#	37
21) Hexachlorobenzene	16.36	284	2	0.000	ng	#	1
23) Phenanthrene	17.10	178	181	0.000	ng	#	68
24) Anthracene	17.21	178	34	0.000	ng	#	75
26) Fluoranthene	19.14	202	186	0.000	ng	#	96
32) Bis(2-ethylhexyl)phthalate	21.15	149	161	0.000	ng	#	90
33) Indeno(1,2,3-cd)pyrene	25.80	276	36	0.000	ng		96
35) Benzo(b)fluoranthene	22.83	252	383	0.000	ng	#	1
36) Benzo(k)fluoranthene	22.87	252	296	0.000	ng	#	1
37) Benzo(a)pyrene	23.39	252	201	0.000	ng	#	1
38) Dibenzo(a,h)anthracene	25.81	278	53	0.000	ng	#	1
39) Benzo(g,h,i)perylene	26.49	276	558	0.000	ng	#	41

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

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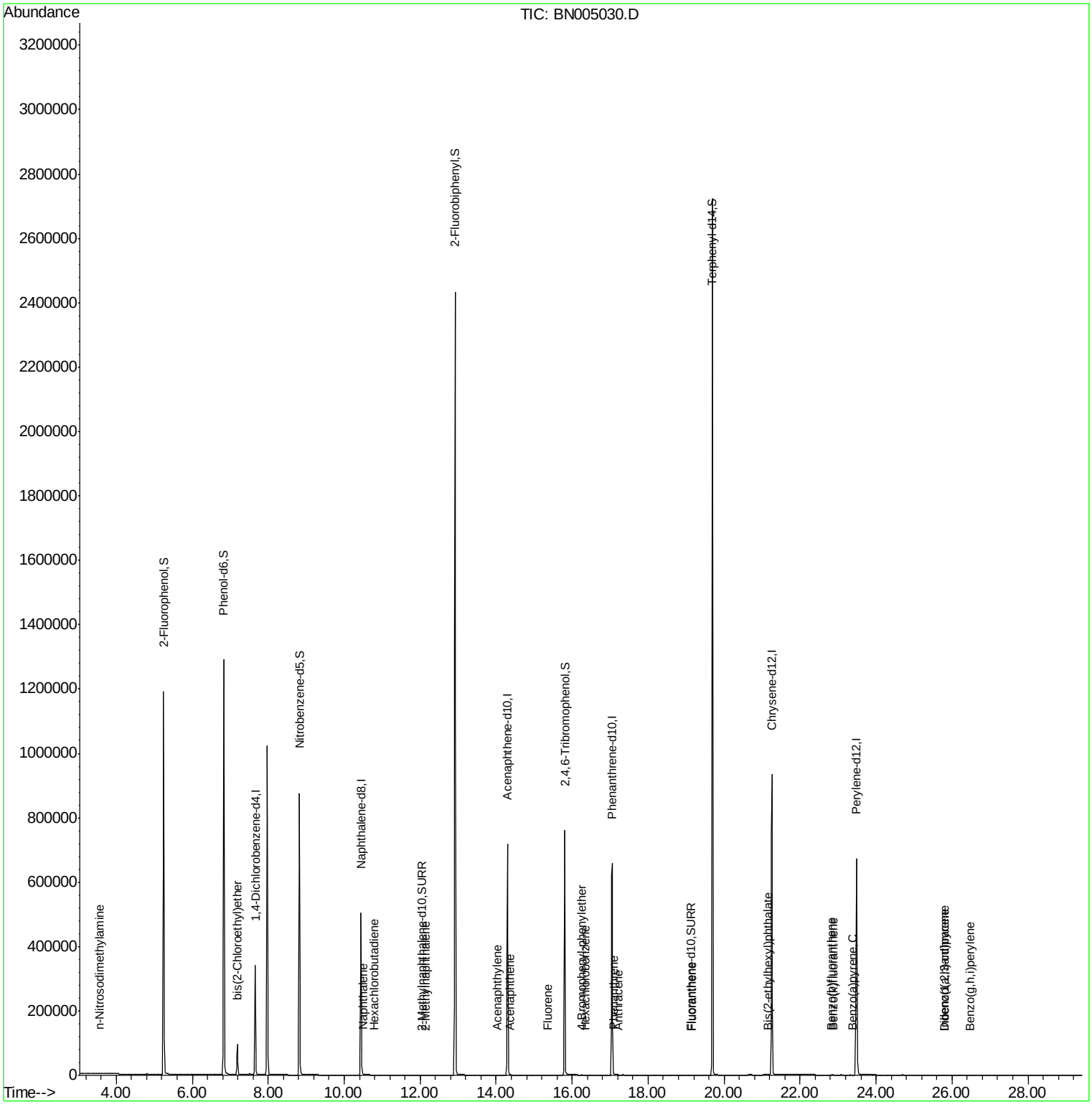
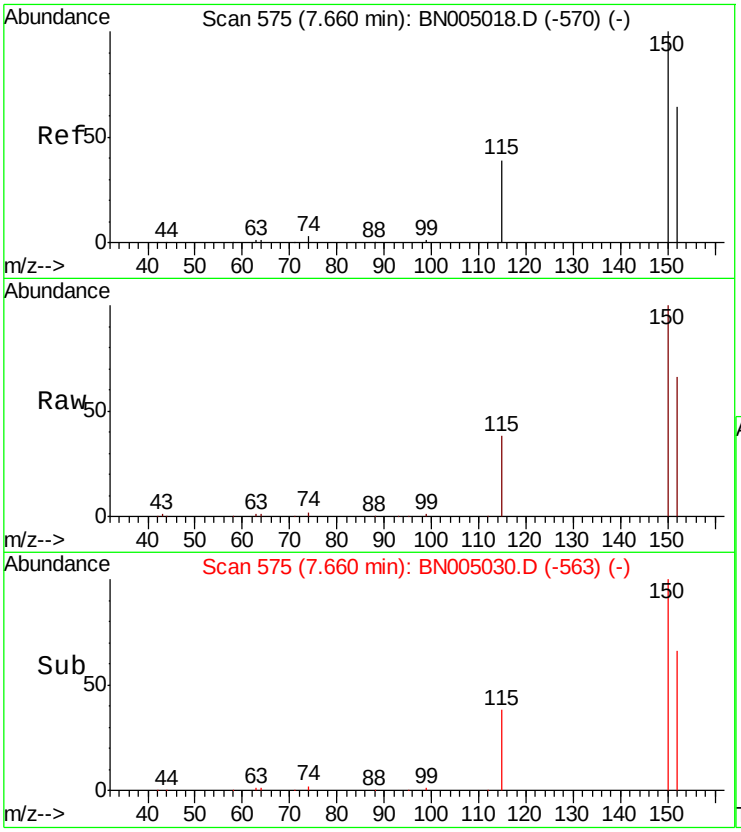


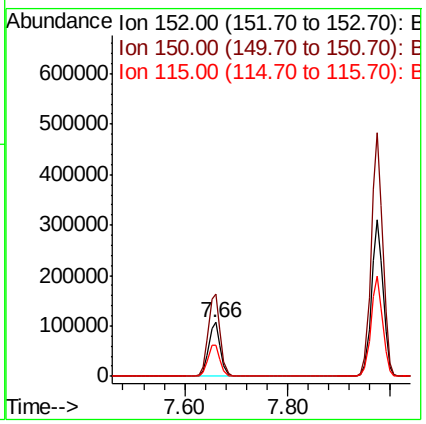


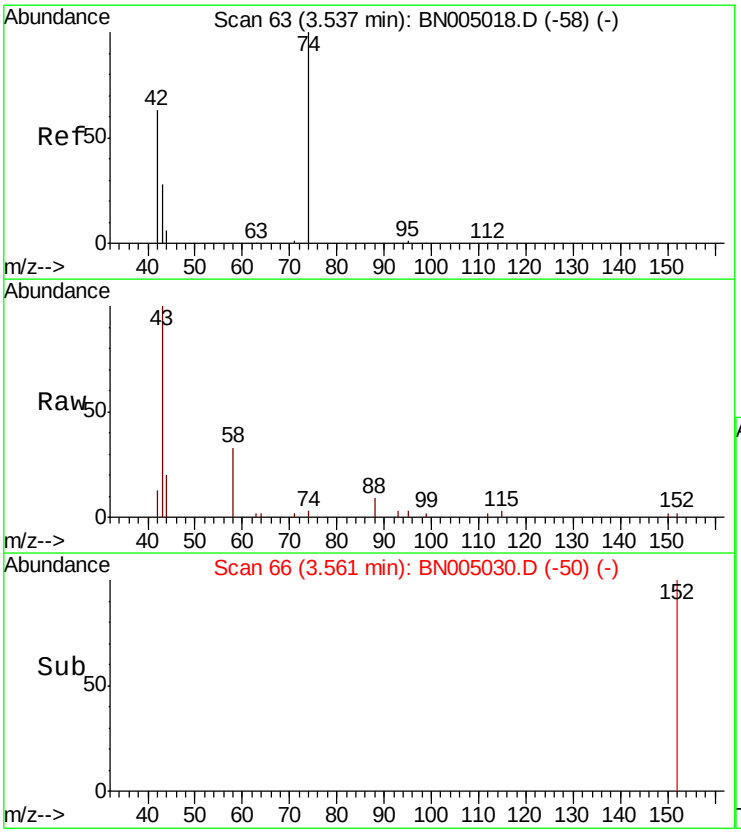
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:152 Resp: 166425

Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.4	185.2
115	58.1	50.0	75.0

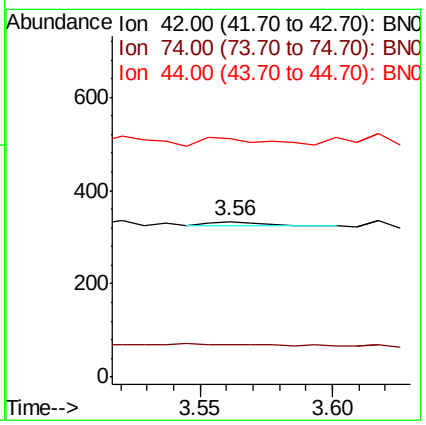


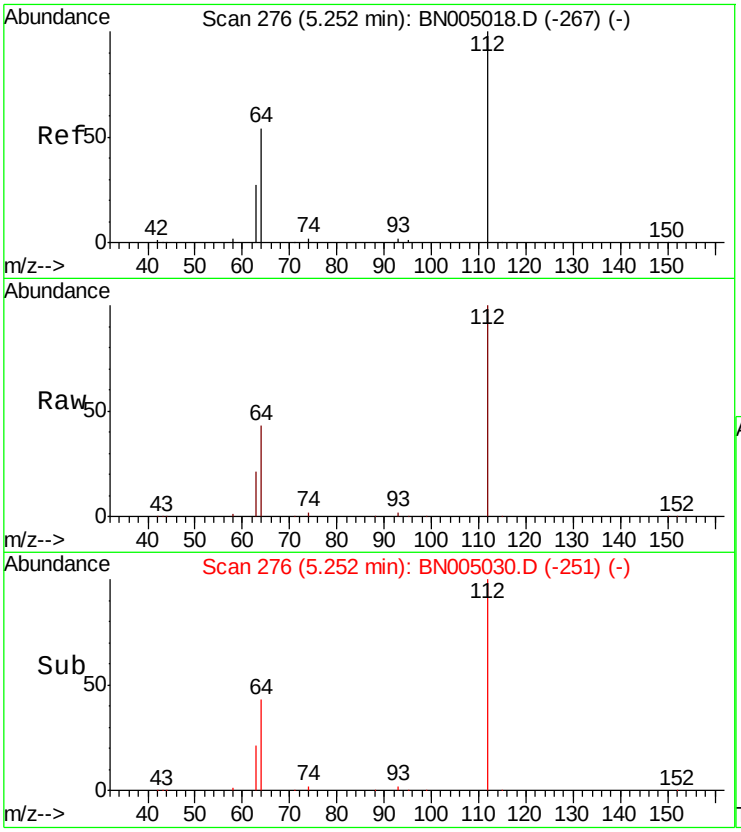


#3
n-Nitrosodimethylamine
Concen: 0.000 ng
RT: 3.56 min Scan# 66
Delta R.T. 0.03 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion: 42 Resp: 13

Ion	Ratio	Lower	Upper
42	100		
74	23.1	129.1	193.7#
44	276.9	11.6	17.4#



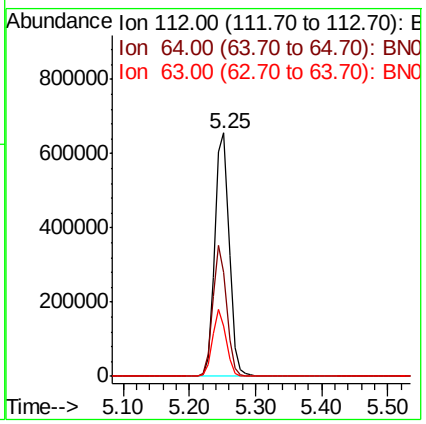


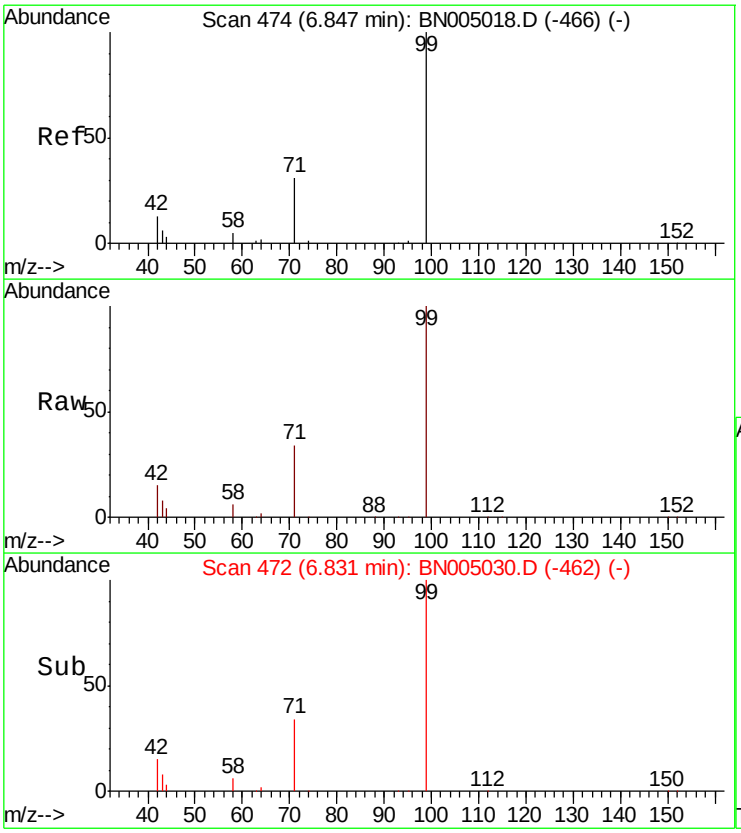
#4
2-Fluorophenol
Concen: 2.354 ng
RT: 5.25 min Scan# 276
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:112 Resp: 977980

Ion	Ratio	Lower	Upper
112	100		
64	52.0	41.9	62.9
63	26.1	21.5	32.3

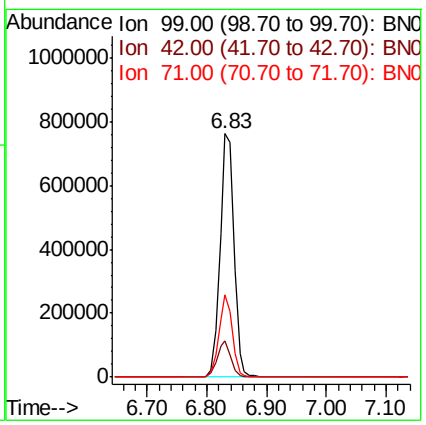


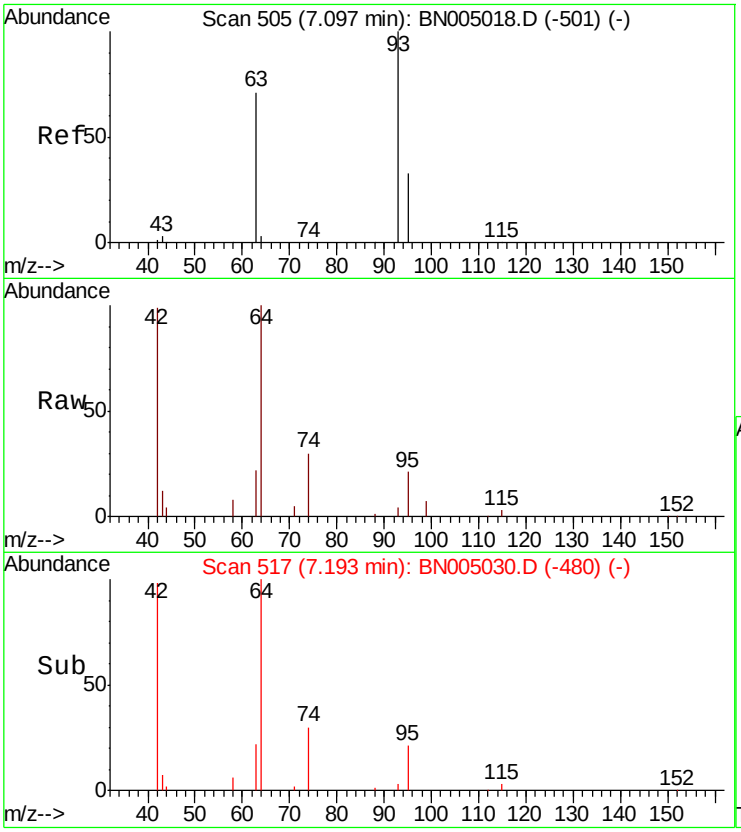


#5
Phenol-d6
Concen: 2.529 ng
RT: 6.83 min Scan# 472
Delta R.T. -0.02 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion: 99 Resp: 1244551

Ion	Ratio	Lower	Upper
99	100		
42	14.4	12.2	18.2
71	32.2	26.1	39.1



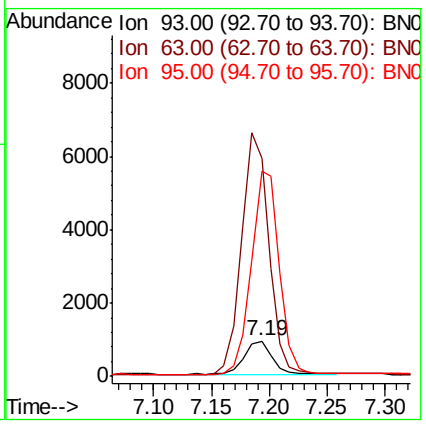


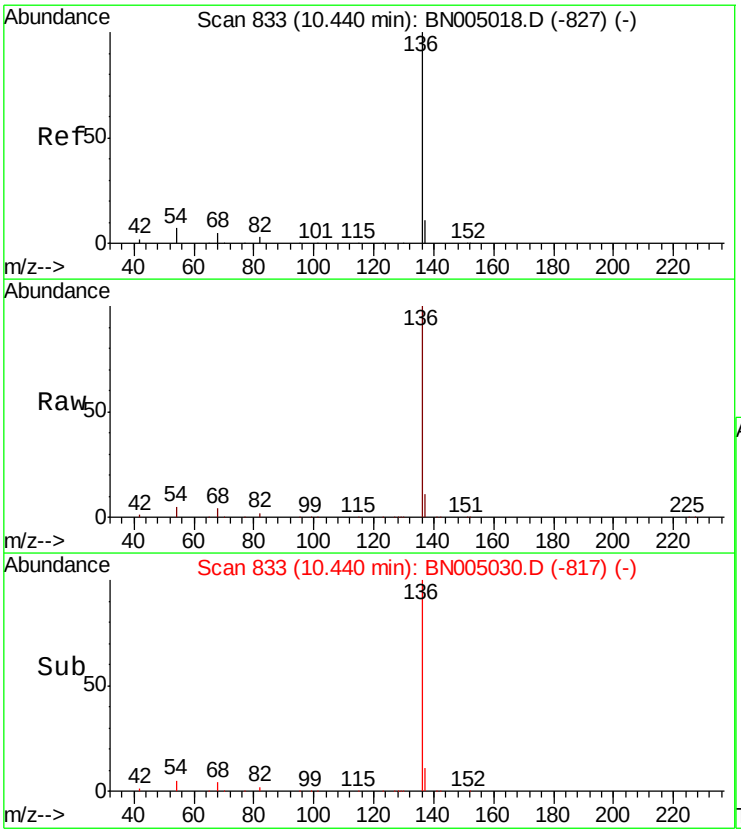
#6
bis(2-Chloroethyl)ether
Concen: 0.003 ng
RT: 7.19 min Scan# 517
Delta R.T. 0.10 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion: 93 Resp: 1470

Ion	Ratio	Lower	Upper
93	100		
63	729.0	51.8	77.6#
95	629.8	24.8	37.2#

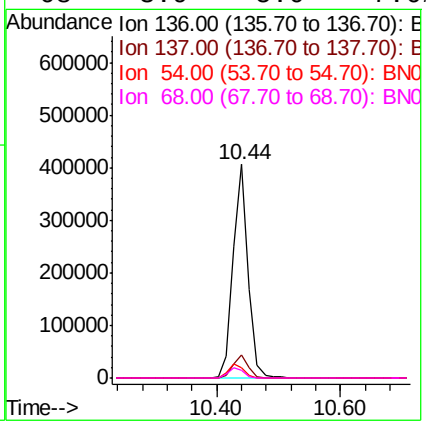


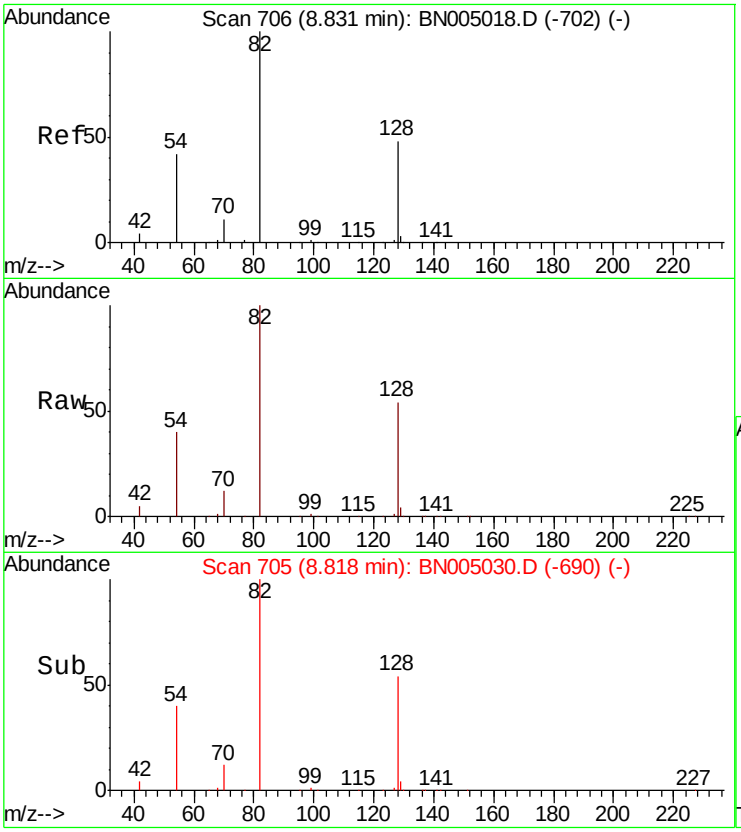


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:136 Resp: 688010

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.2	13.8
54	4.5	6.0	9.0#
68	3.9	5.0	7.6#



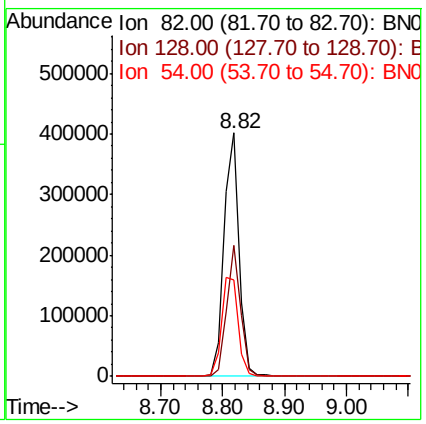


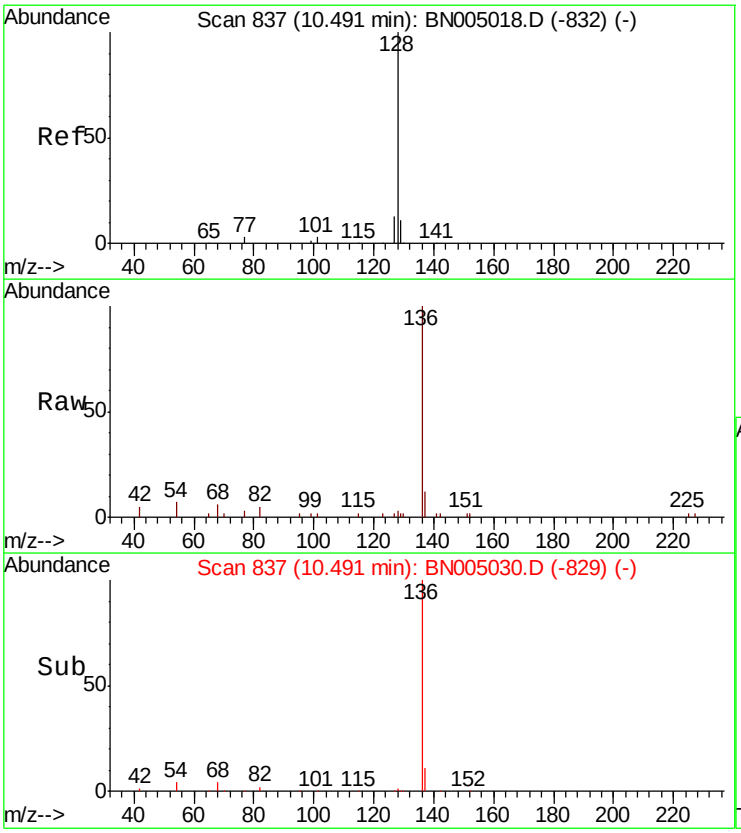
#8
Nitrobenzene-d5
Concen: 1.740 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion: 82 Resp: 693934

Ion	Ratio	Lower	Upper
82	100		
128	53.8	40.5	60.7
54	39.6	35.7	53.5

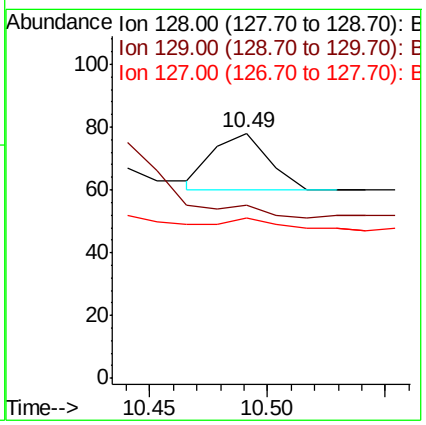


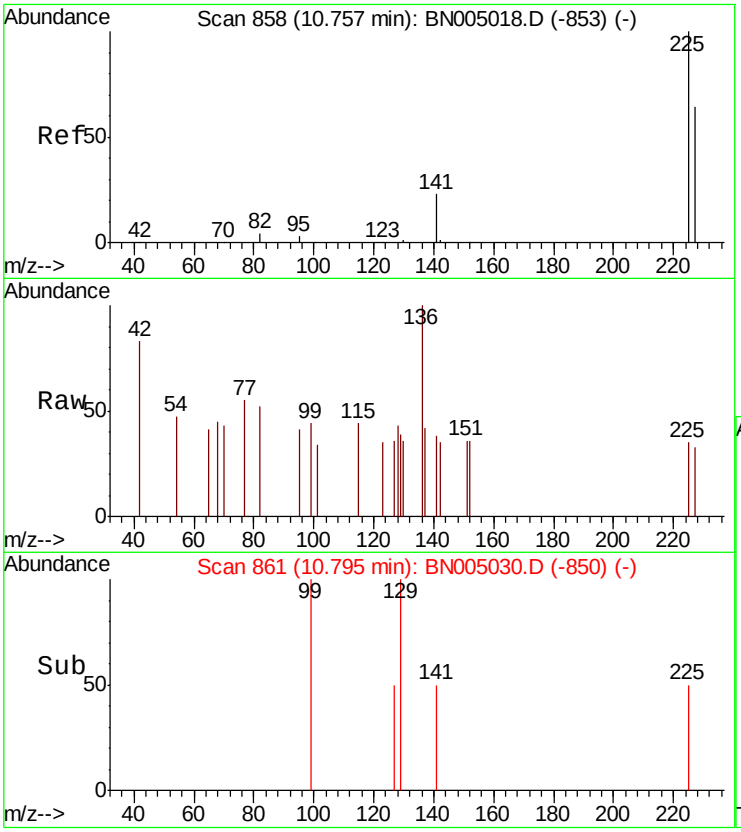


#9
Naphthalene
Concen: 0.000 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:128 Resp: 30

Ion	Ratio	Lower	Upper
128	100		
129	70.5	9.4	14.2#
127	65.4	11.0	16.6#



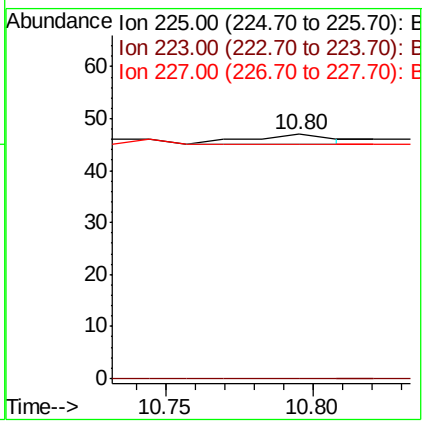


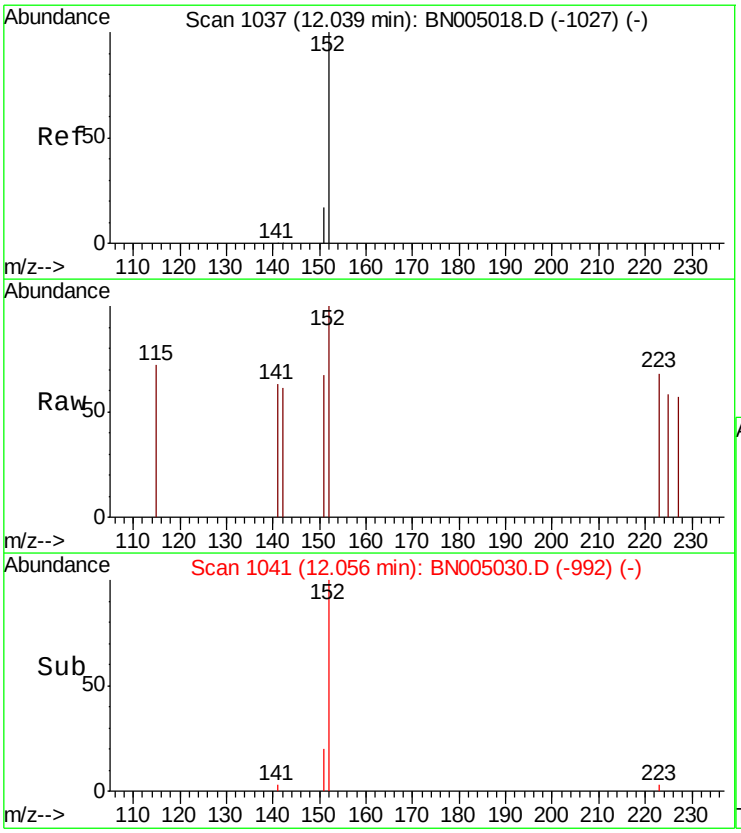
#10
Hexachlorobutadiene
Concen: 0.000 ng
RT: 10.80 min Scan# 861
Delta R.T. 0.04 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:225 Resp: 4

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	0.0	51.5	77.3#

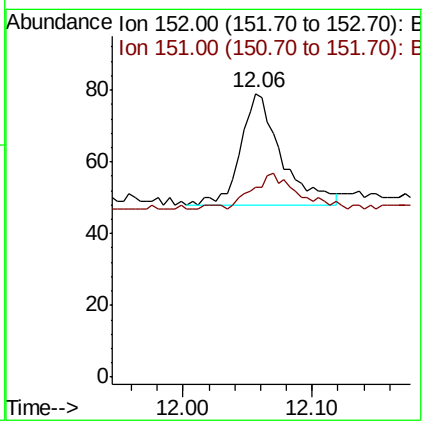


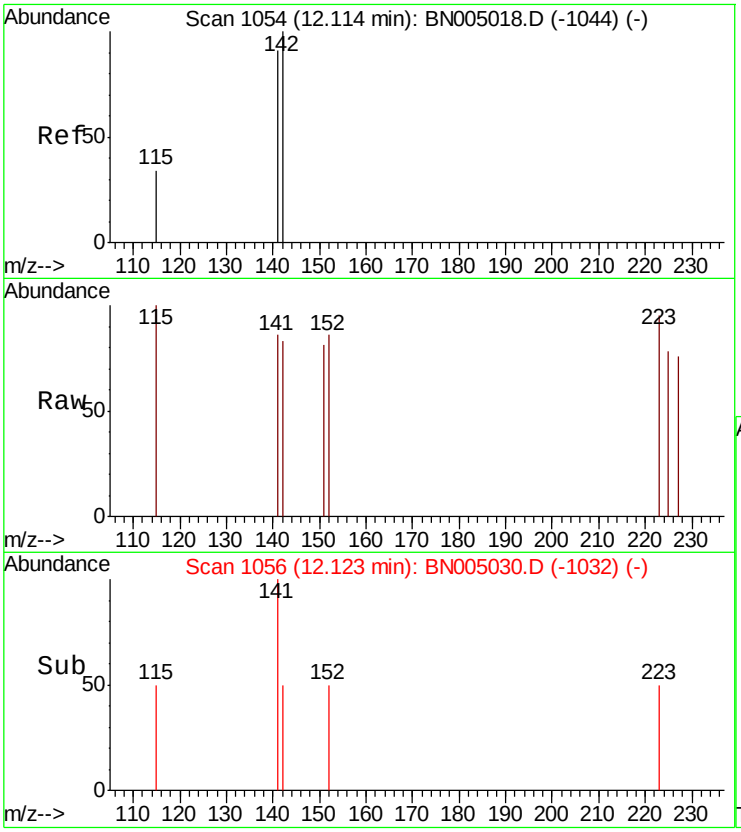


#11
2-Methylnaphthalene-d10
Concen: 0.000 ng
RT: 12.06 min Scan# 1041
Delta R.T. 0.02 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:152 Resp: 68

Ion	Ratio	Lower	Upper
152	100		
151	33.8	15.3	22.9#



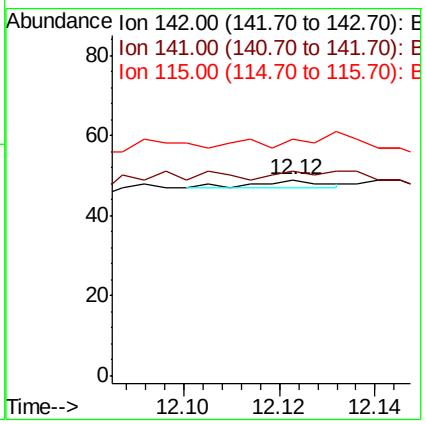


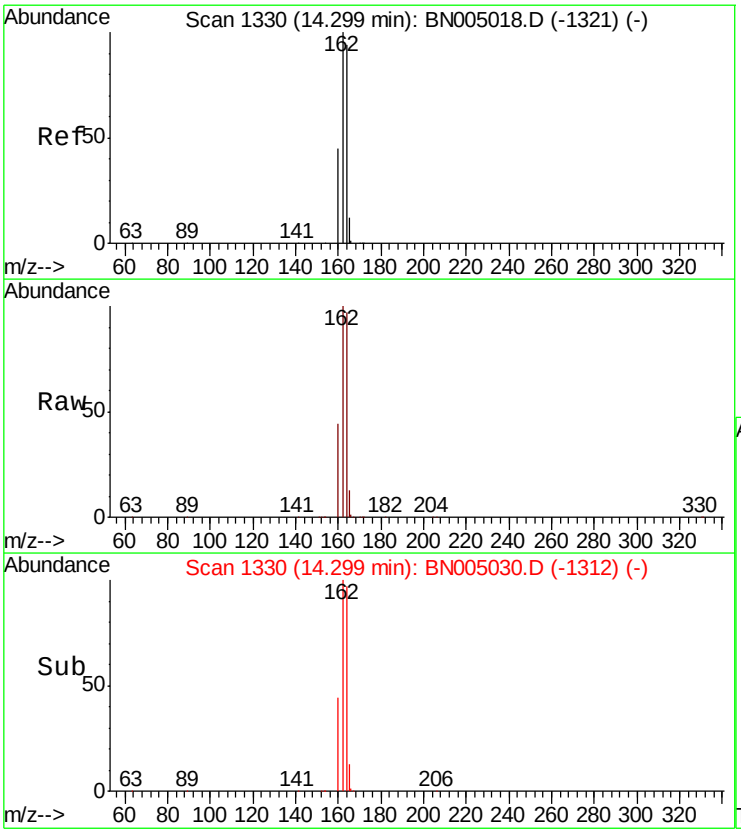
#12
2-Methylnaphthalene
Concen: 0.000 ng
RT: 12.12 min Scan# 1056
Delta R.T. 0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:142 Resp: 2

Ion	Ratio	Lower	Upper
142	100		
141	104.1	72.6	108.8
115	120.4	27.8	41.8#

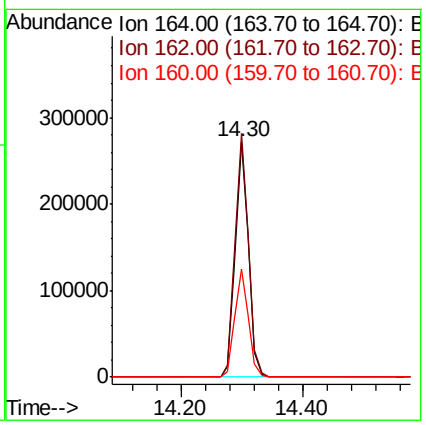


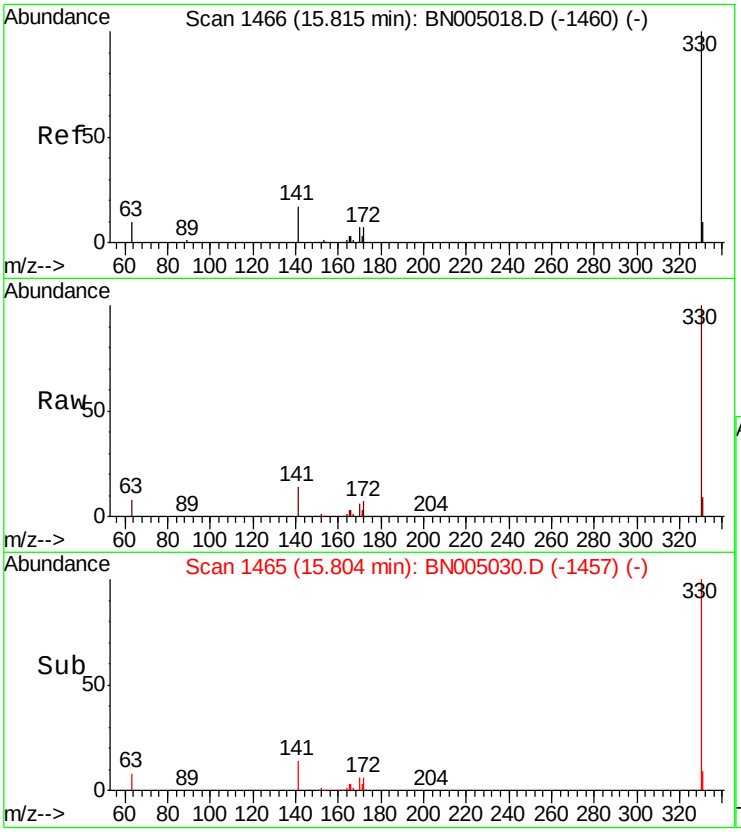


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:164 Resp: 404098

Ion	Ratio	Lower	Upper
164	100		
162	103.5	85.3	127.9
160	46.0	39.2	58.8



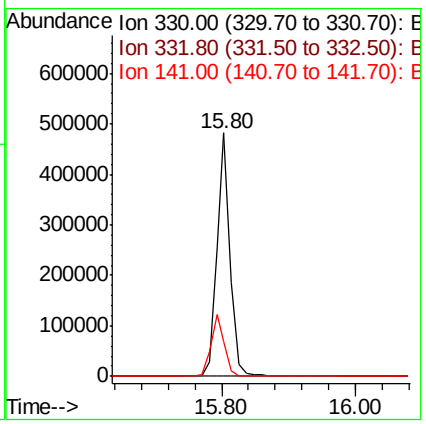


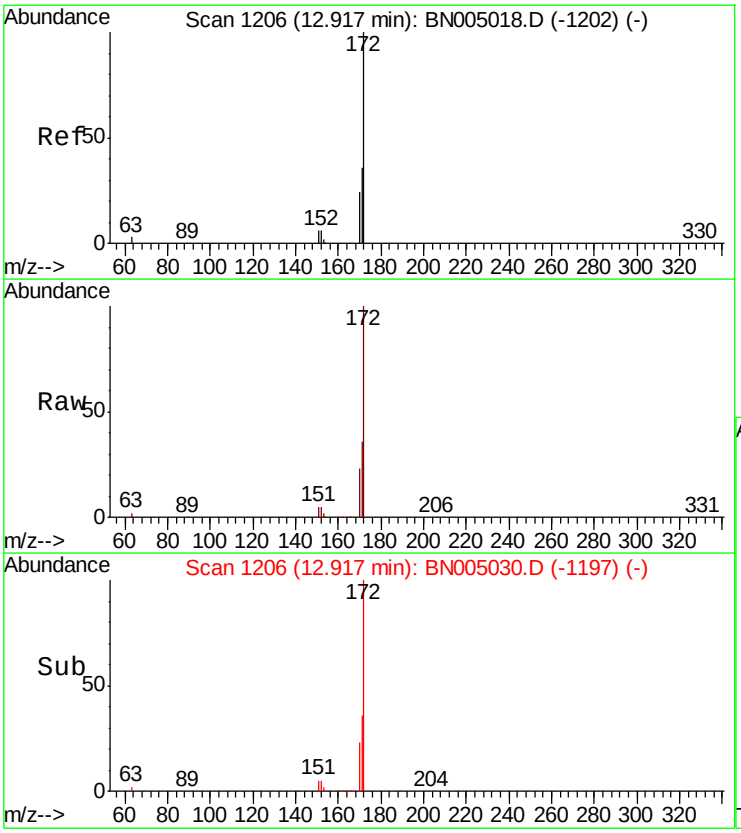
#14
2,4,6-Tribromophenol
Concen: 2.933 ng
RT: 15.80 min Scan# 1465
Delta R.T. -0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:330 Resp: 664773

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	26.0	21.3	31.9

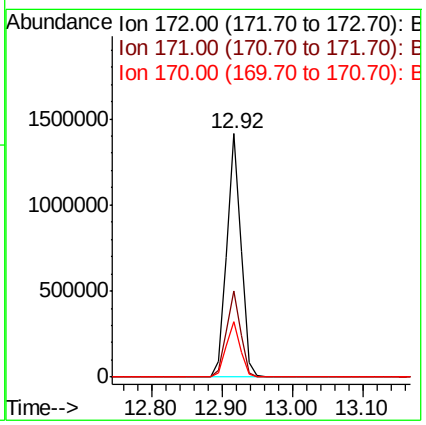


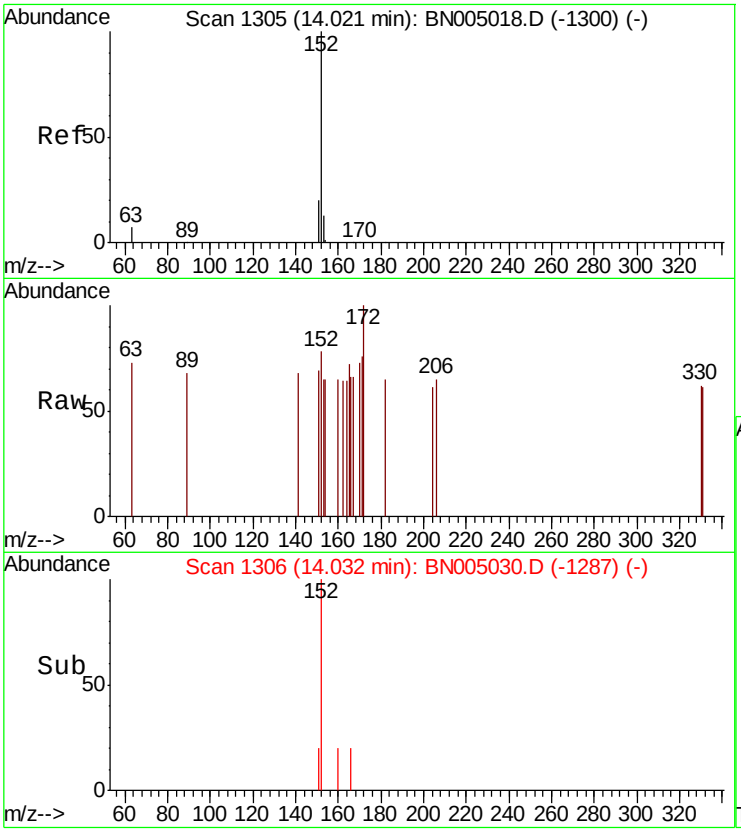


#15
2-Fluorobiphenyl
Concen: 1.333 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:172 Resp: 2033098

Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	23.0	20.0	30.0



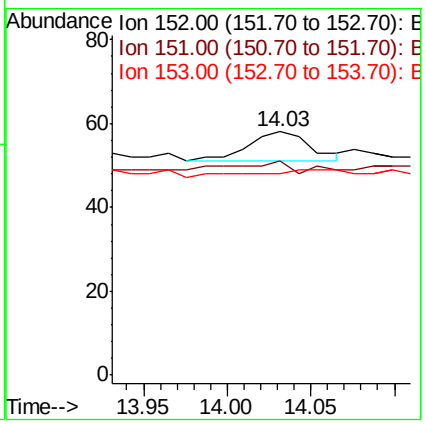


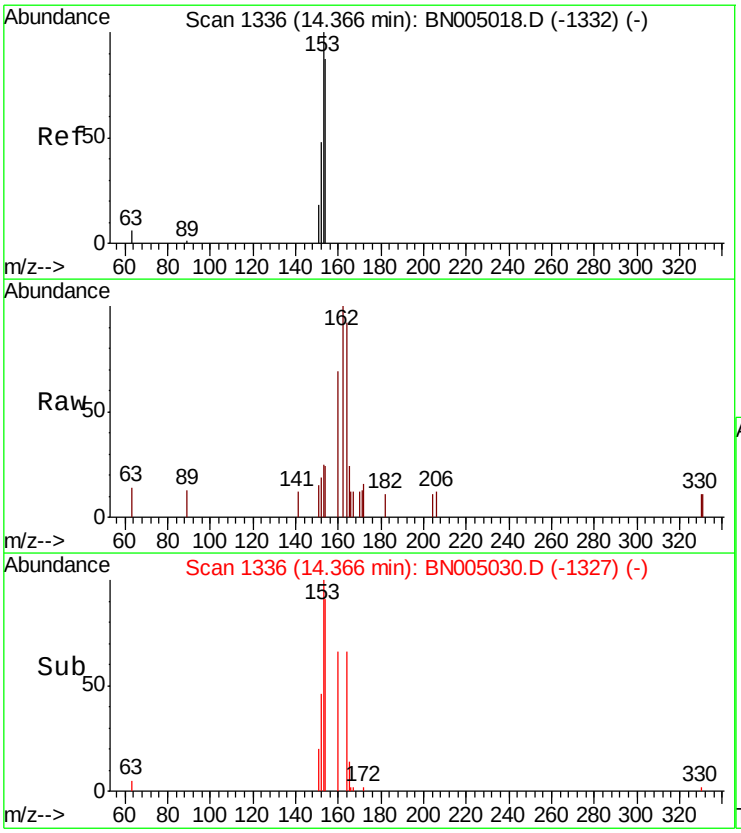
#16
Acenaphthylene
Concen: 0.000 ng
RT: 14.03 min Scan# 1306
Delta R.T. 0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:152 Resp: 19

Ion	Ratio	Lower	Upper
152	100		
151	42.1	15.8	23.6#
153	10.5	10.6	15.8#

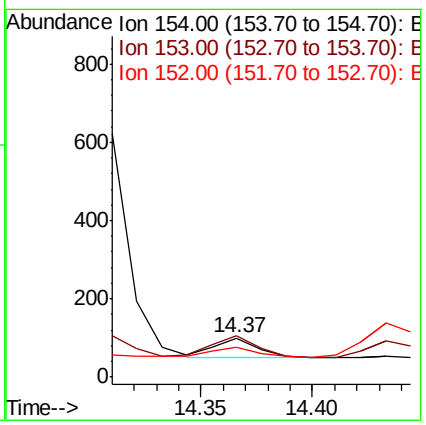


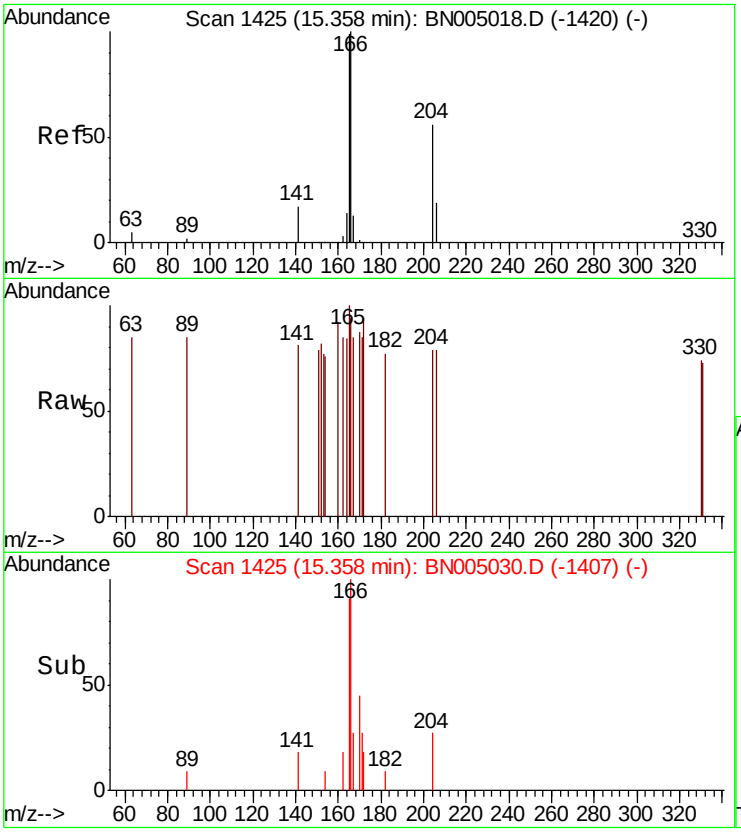


#17
Acenaphthene
Concen: 0.000 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:154 Resp: 69

Ion	Ratio	Lower	Upper
154	100		
153	118.8	92.1	138.1
152	59.4	44.2	66.2



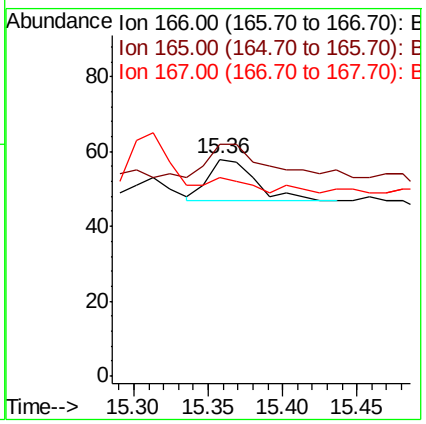


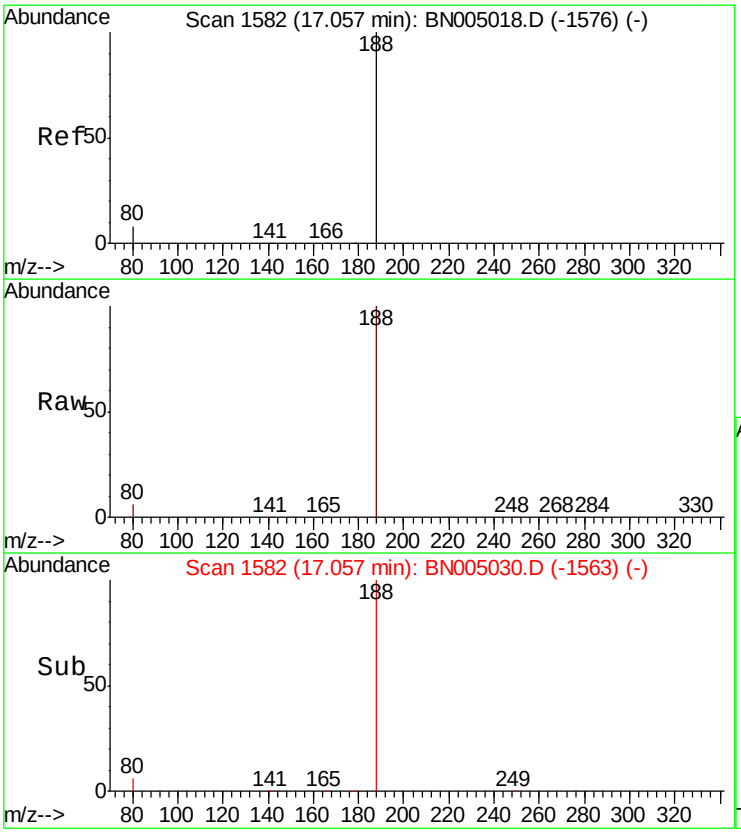
#18
Fluorene
Concen: 0.000 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:166 Resp: 23

Ion	Ratio	Lower	Upper
166	100		
165	134.8	78.7	118.1#
167	26.1	10.9	16.3#

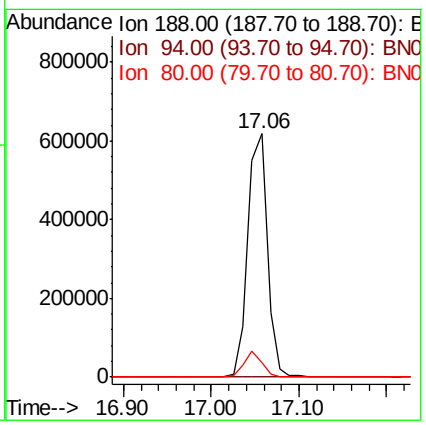


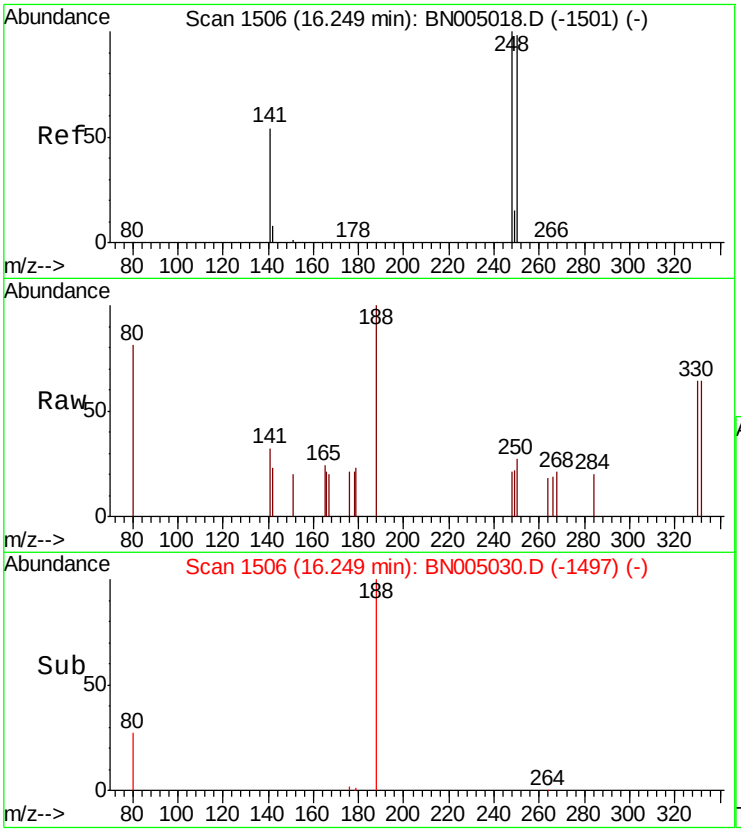


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:188 Resp: 957863

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.2	6.9	10.3#



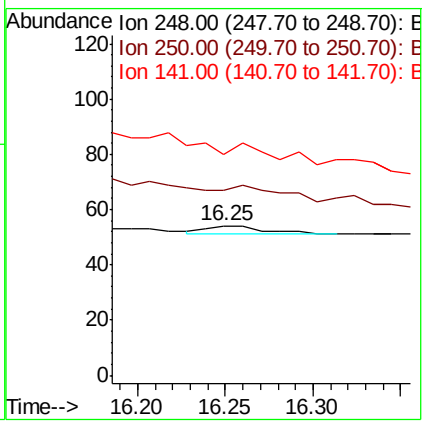


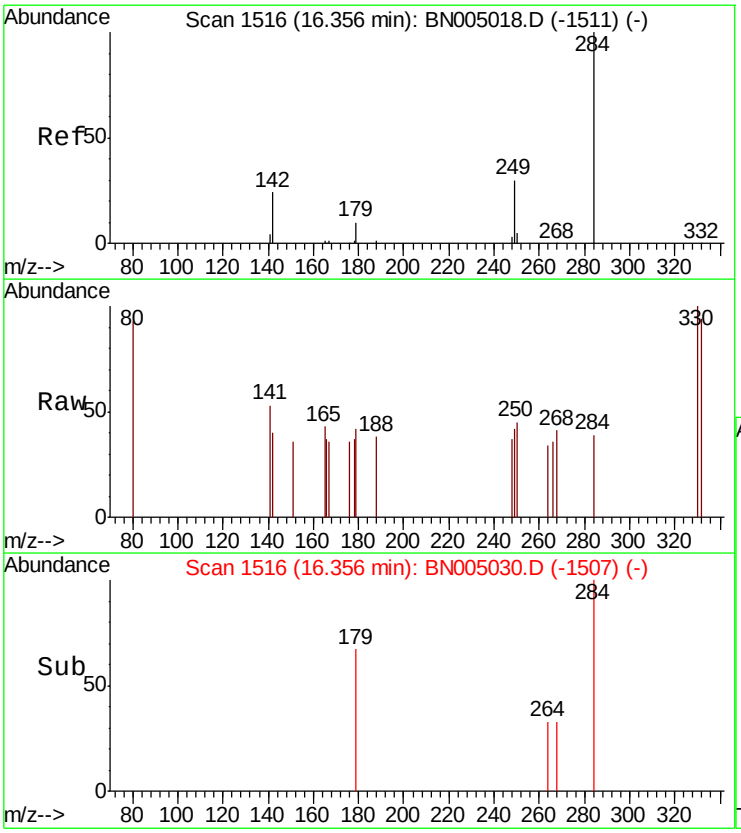
#20
4-Bromophenyl-phenylether
Concen: 0.000 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:248 Resp: 7

Ion	Ratio	Lower	Upper
248	100		
250	124.1	78.6	117.8#
141	148.1	43.6	65.4#

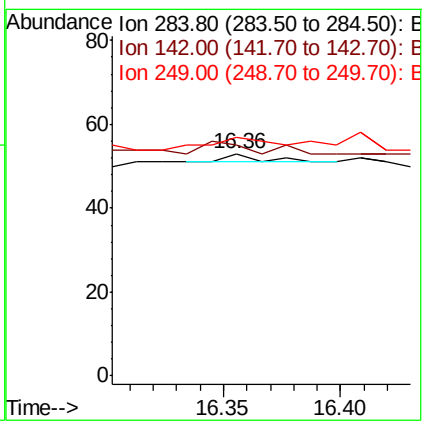


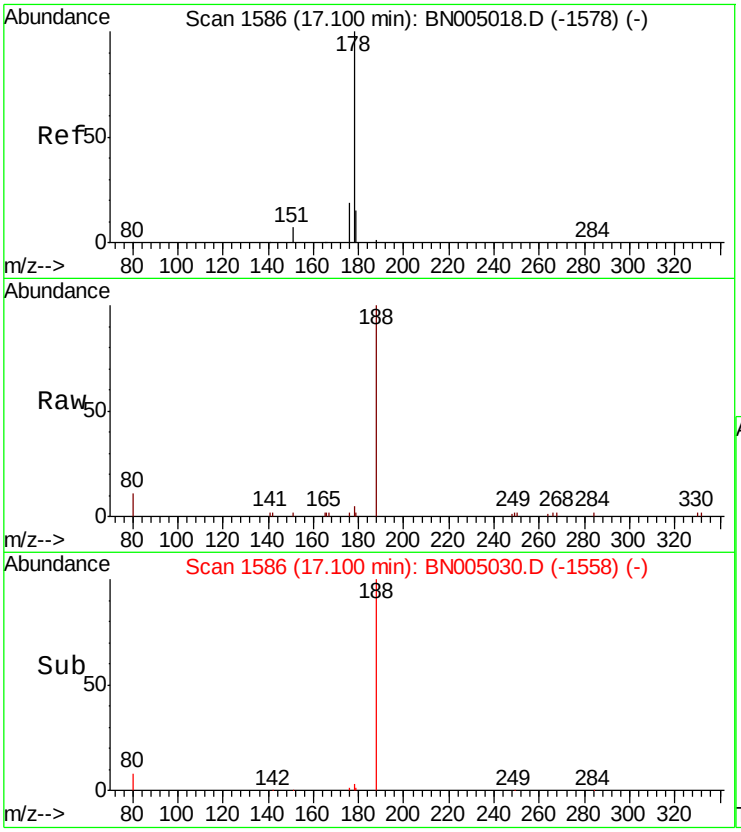


#21
Hexachlorobenzene
Concen: 0.000 ng
RT: 16.36 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:284 Resp: 2

Ion	Ratio	Lower	Upper
284	100		
142	200.0	24.9	37.3#
249	250.0	23.8	35.6#



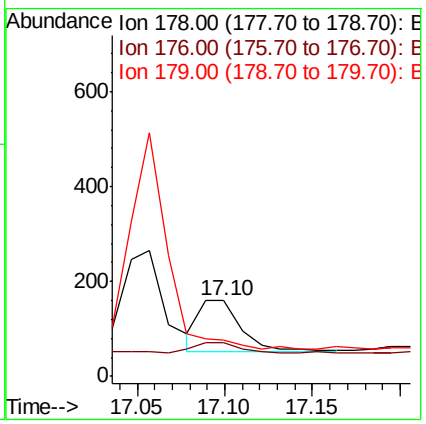


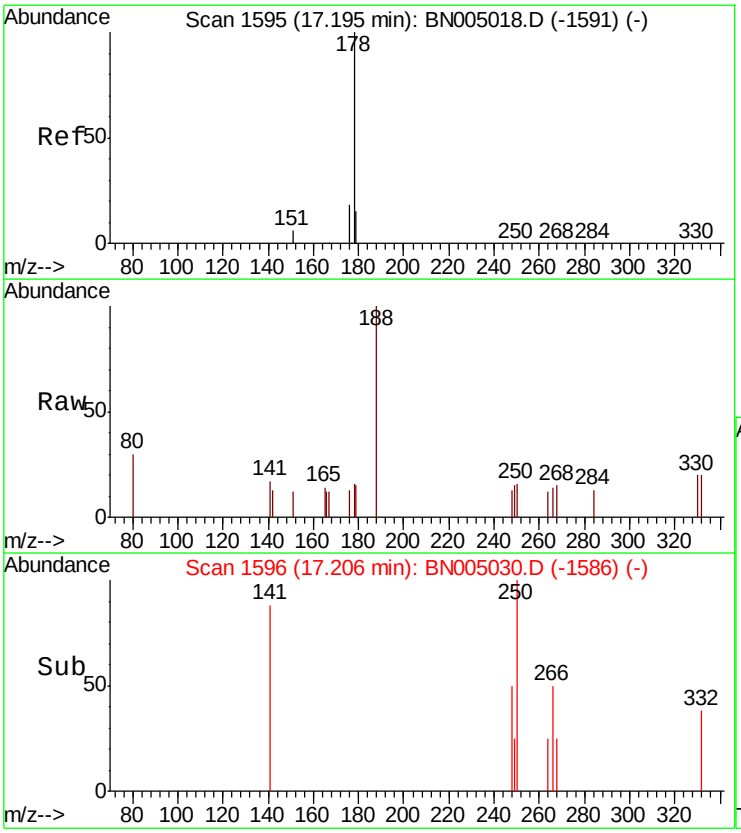
#23
Phenanthrene
Concen: 0.000 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:178 Resp: 181

Ion	Ratio	Lower	Upper
178	100		
176	31.5	15.1	22.7#
179	0.0	12.2	18.2#

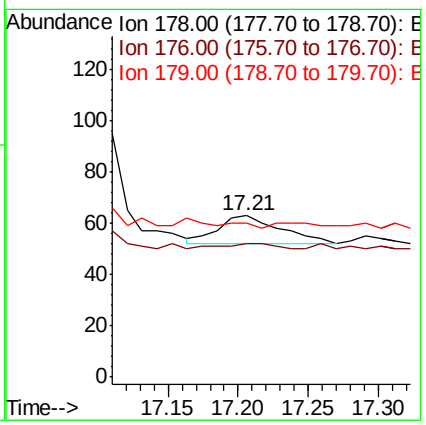


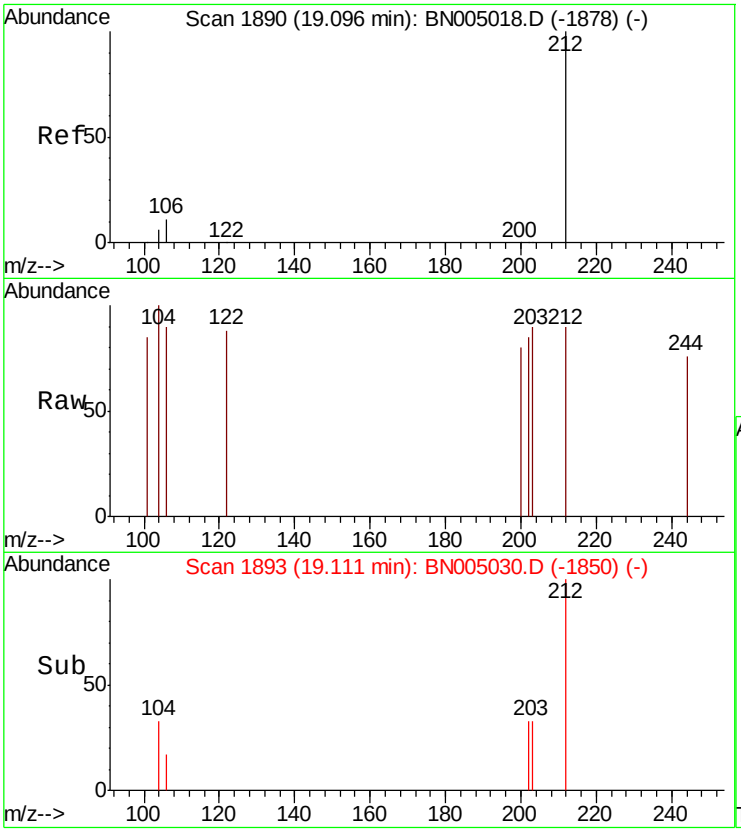


#24
Anthracene
Concen: 0.000 ng
RT: 17.21 min Scan# 1596
Delta R.T. 0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:178 Resp: 34

Ion	Ratio	Lower	Upper
178	100		
176	11.8	14.6	22.0#
179	0.0	12.3	18.5#



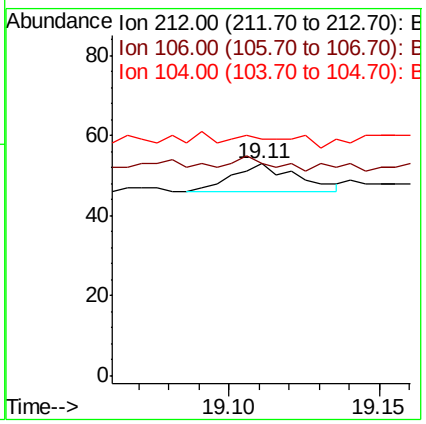


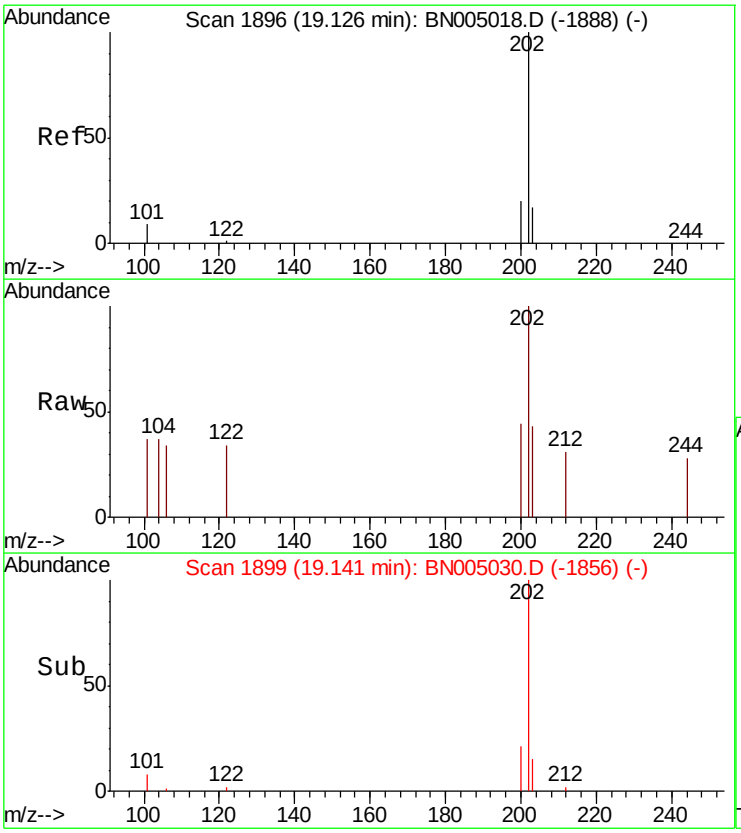
#25
Fluoranthene-d10
Concen: 0.000 ng
RT: 19.11 min Scan# 1893
Delta R.T. 0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:212 Resp: 10

Ion	Ratio	Lower	Upper
212	100		
106	30.0	9.4	14.2#
104	40.0	5.4	8.0#

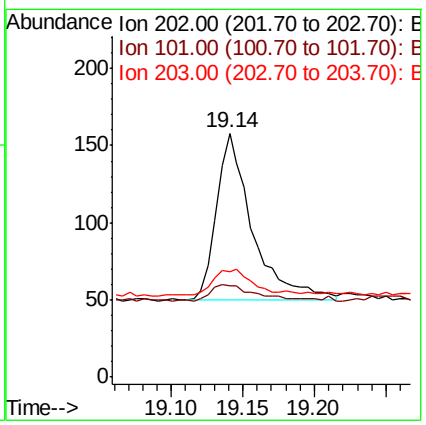


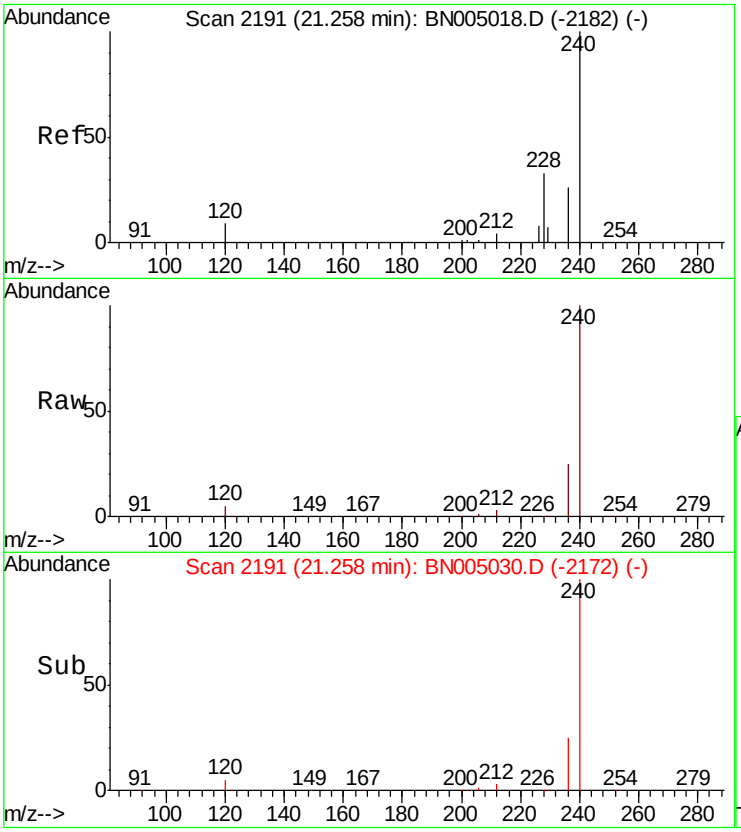


#26
Fluoranthene
Concen: 0.000 ng
RT: 19.14 min Scan# 1899
Delta R.T. 0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:202 Resp: 186

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.2	12.2#
203	16.1	13.8	20.8



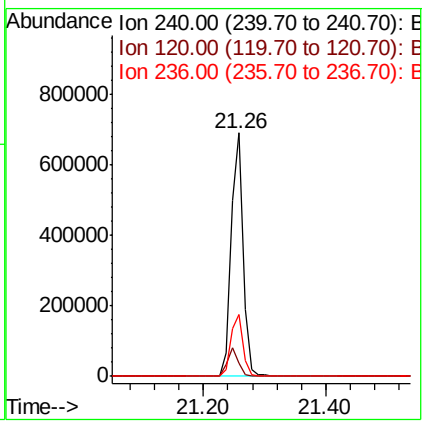


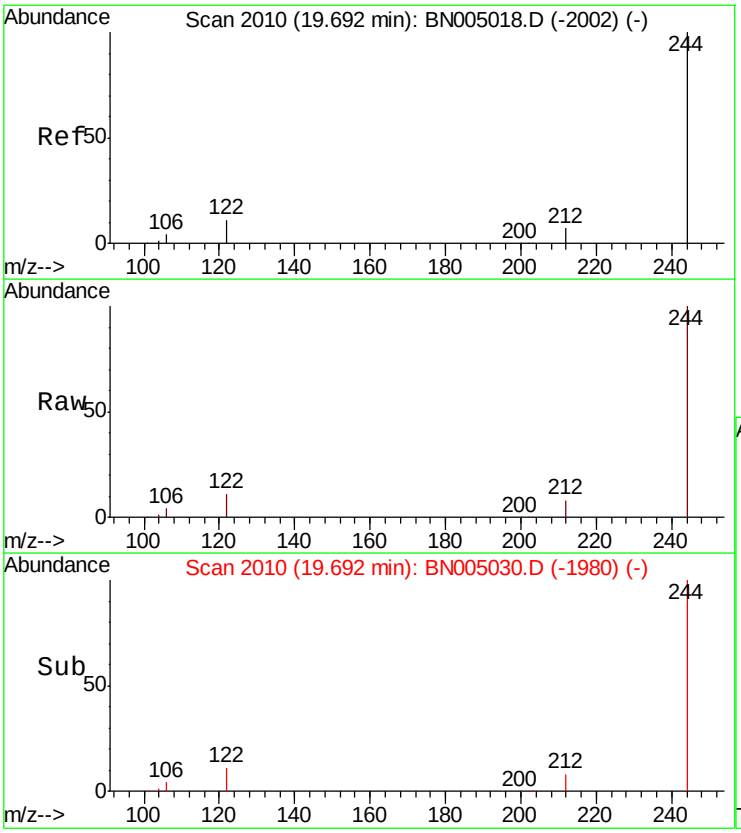
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument : BNA_N
ClientSampleId : PB118091BL

Tgt Ion:240 Resp: 944619

Ion	Ratio	Lower	Upper
240	100		
120	5.5	7.4	11.0#
236	25.2	21.0	31.6

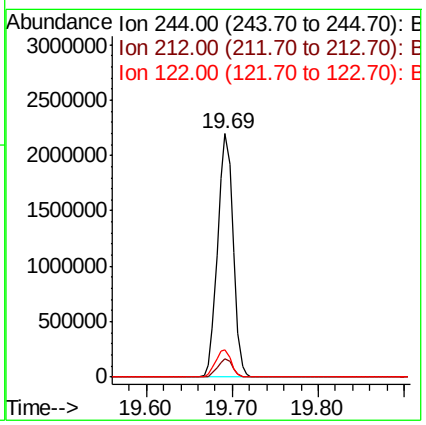


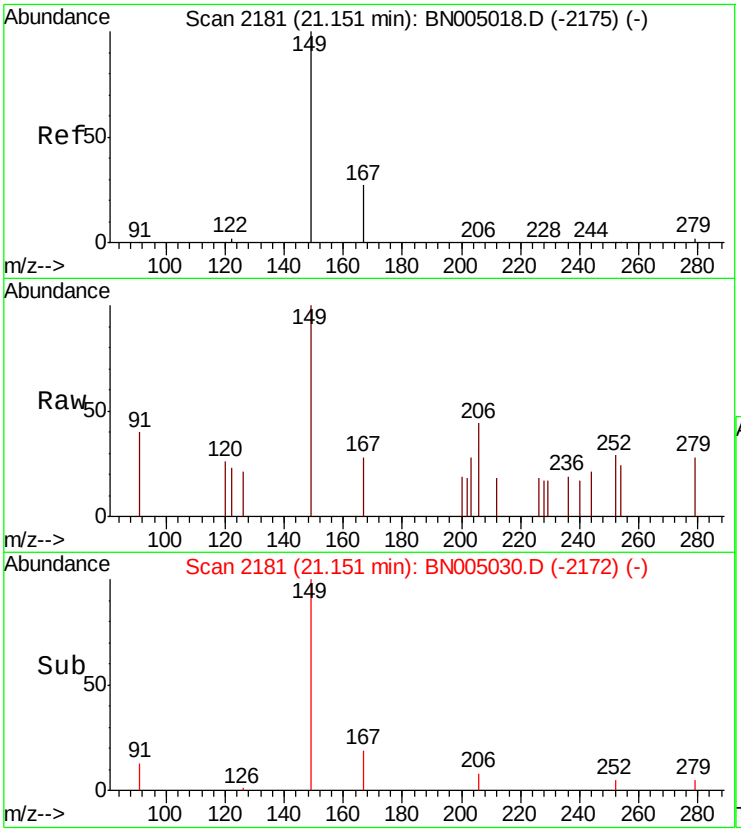


#29
Terphenyl-d14
Concen: 1.423 ng
RT: 19.69 min Scan# 2010
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:244 Resp: 2762021

Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.9	8.9
122	11.2	9.0	13.4



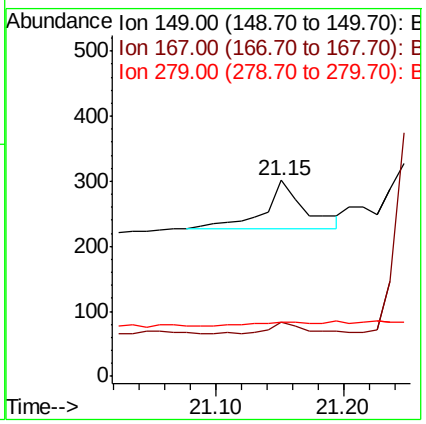


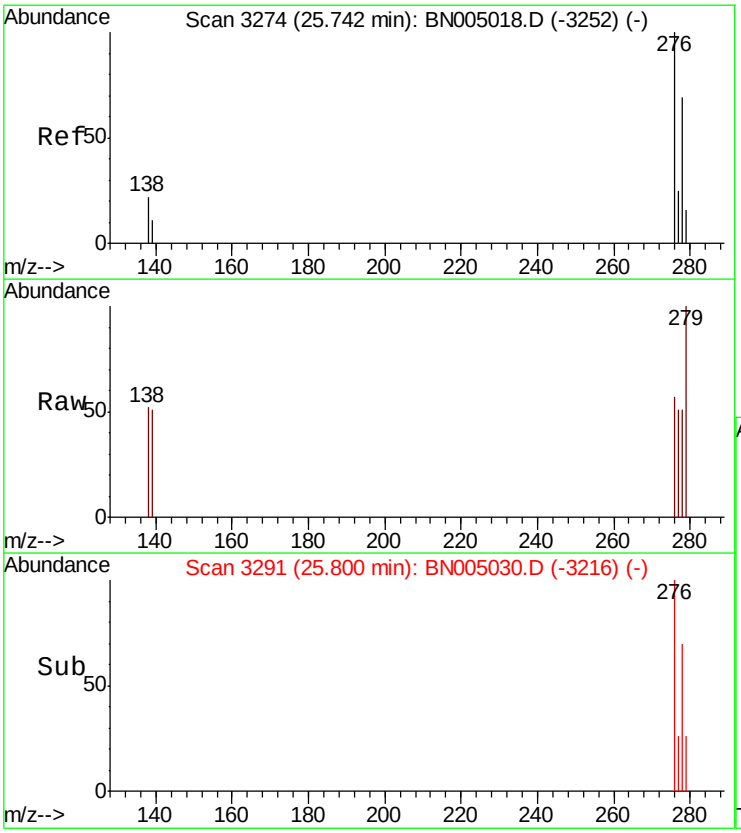
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.000 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:149 Resp: 161

Ion	Ratio	Lower	Upper
149	100		
167	23.0	22.2	33.4
279	9.3	4.2	6.4#

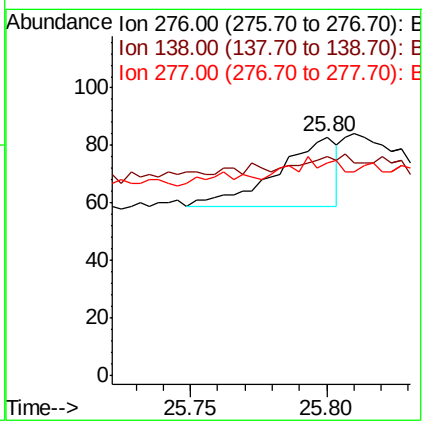


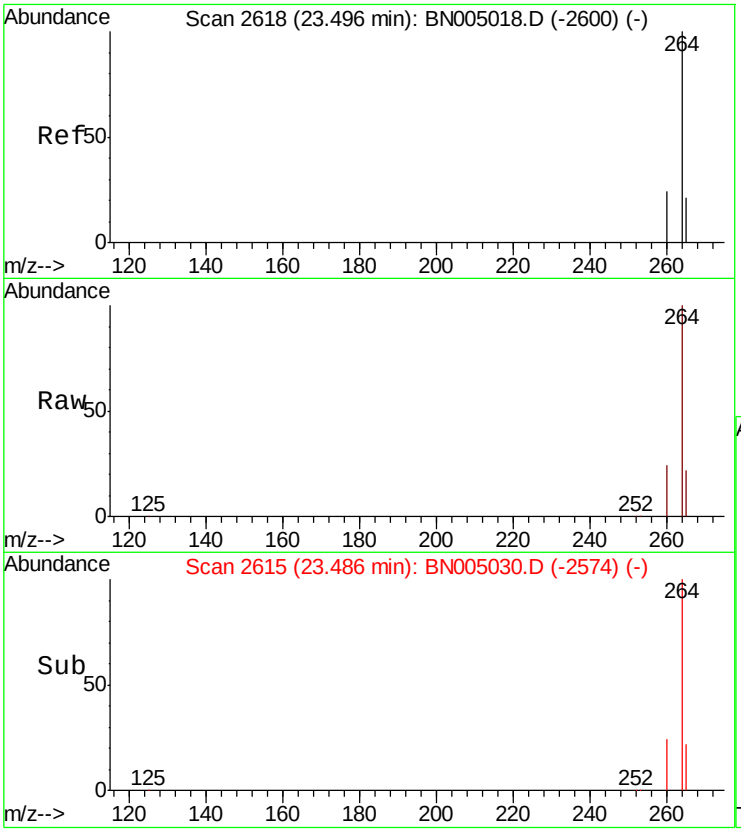


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng
RT: 25.80 min Scan# 3291
Delta R.T. 0.06 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:276 Resp: 36

Ion	Ratio	Lower	Upper
276	100		
138	19.4	18.2	27.2
277	25.0	20.3	30.5



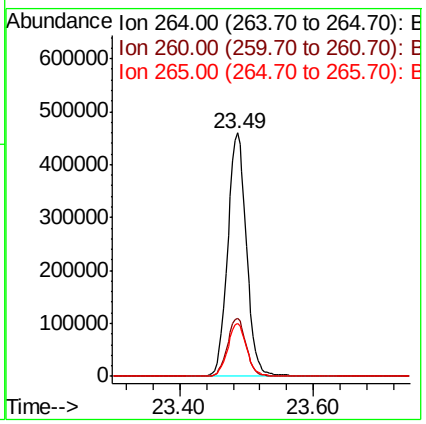


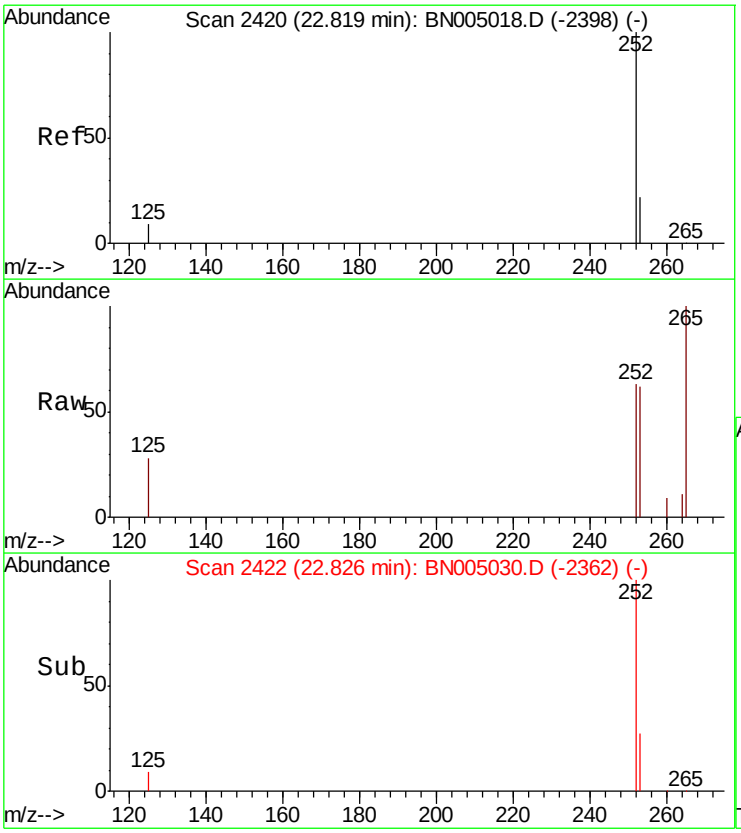
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2615
Delta R.T. -0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:264 Resp: 893186

Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.4	29.0
265	21.7	22.5	33.7#

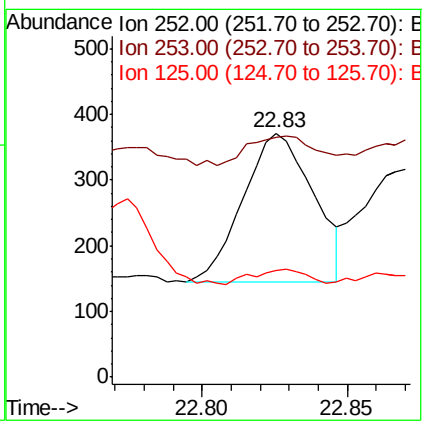


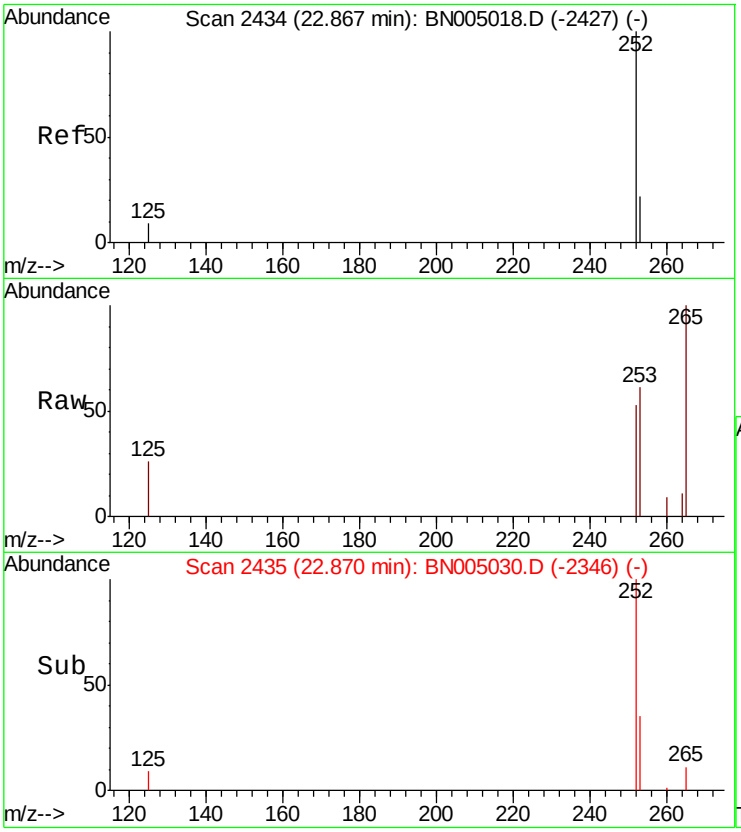


#35
Benzo(b)fluoranthene
Concen: 0.000 ng
RT: 22.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:252 Resp: 383

Ion	Ratio	Lower	Upper
252	100		
253	98.4	19.2	28.8#
125	43.7	8.2	12.2#



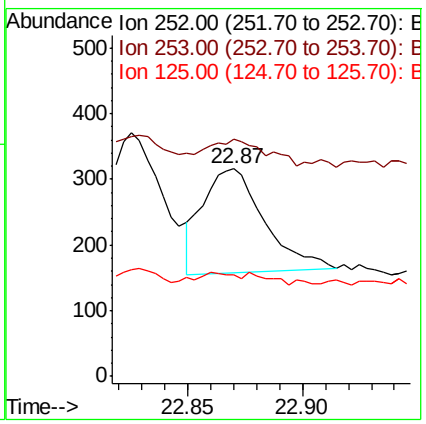


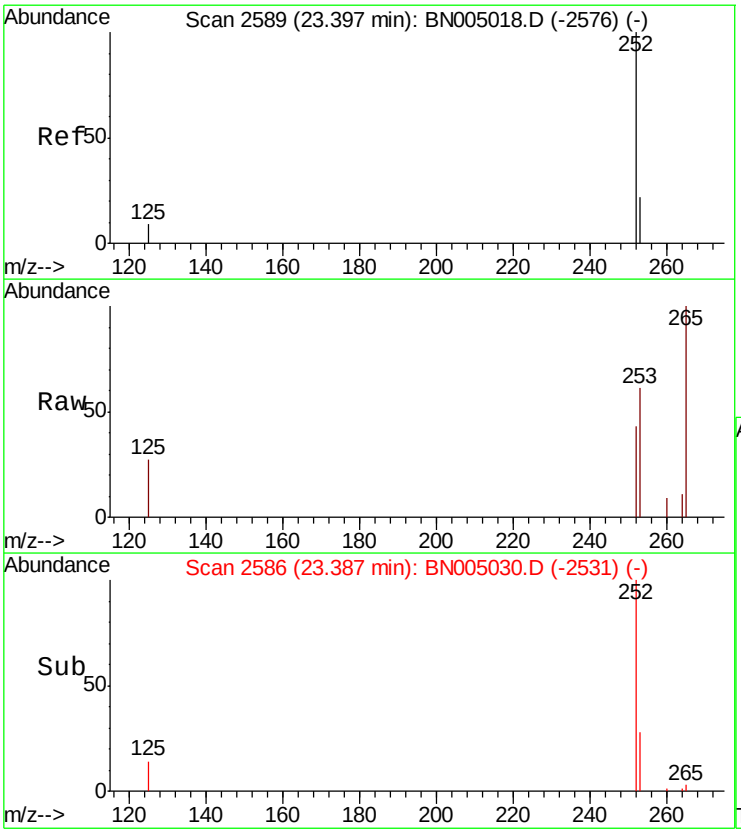
#36
Benzo(k)fluoranthene
Concen: 0.000 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:252 Resp: 296

Ion	Ratio	Lower	Upper
252	100		
253	114.2	19.3	28.9#
125	49.1	8.2	12.2#

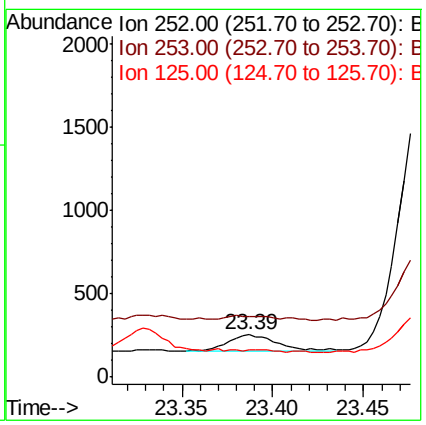


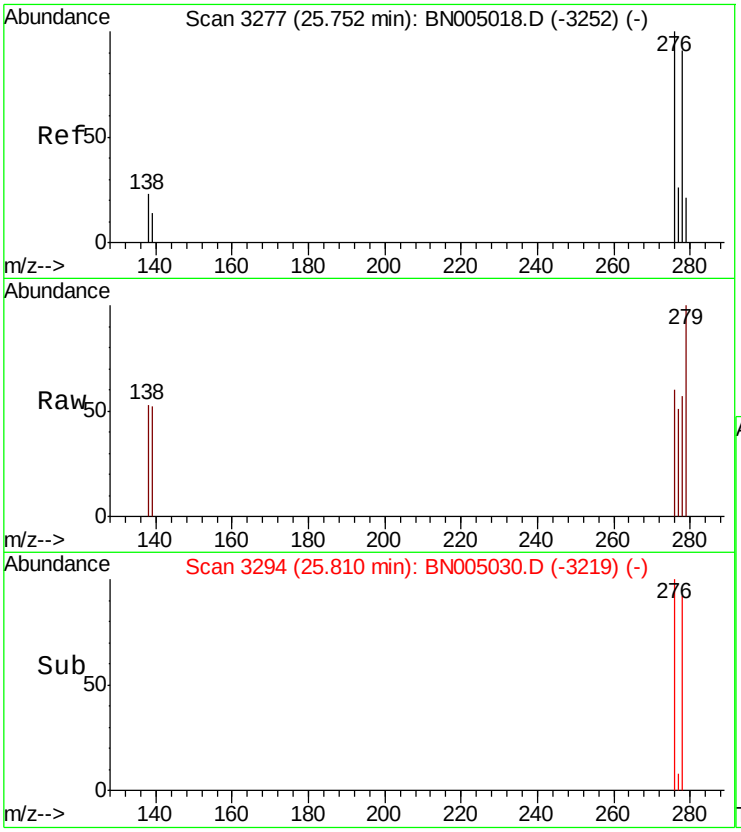


#37
Benzo(a)pyrene
Concen: 0.000 ng
RT: 23.39 min Scan# 2586
Delta R.T. -0.01 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:252 Resp: 201

Ion	Ratio	Lower	Upper
252	100		
253	142.9	20.2	30.2#
125	63.8	9.2	13.8#



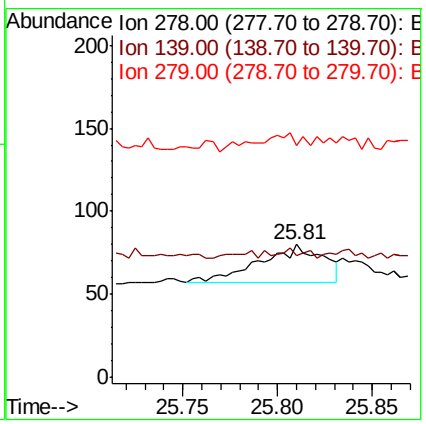


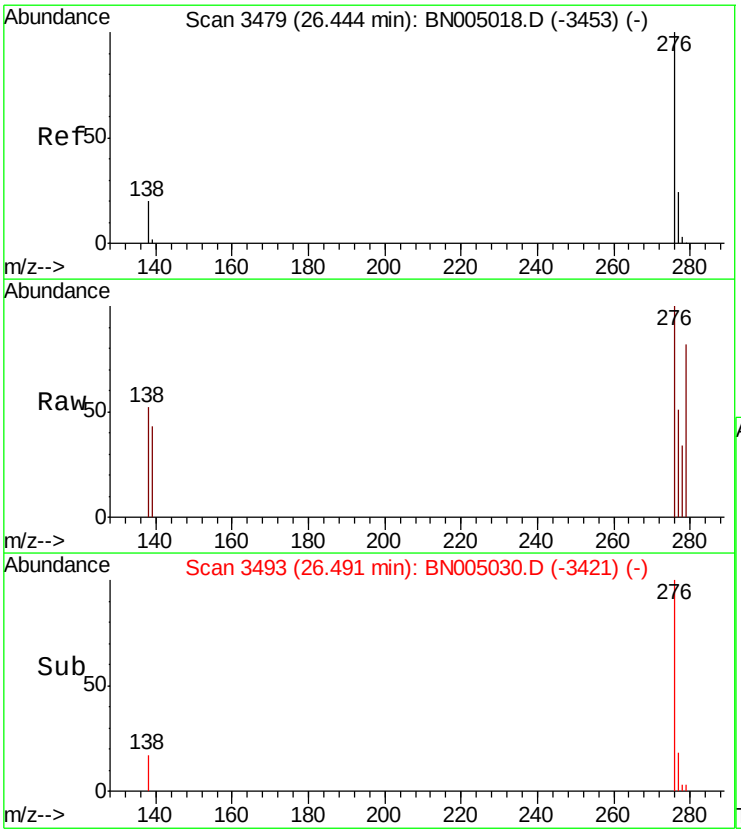
#38
Dibenzo(a,h)anthracene
Concen: 0.000 ng
RT: 25.81 min Scan# 3294
Delta R.T. 0.06 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Instrument :
BNA_N
ClientSampleId :
PB118091BL

Tgt Ion:278 Resp: 53

Ion	Ratio	Lower	Upper
278	100		
139	91.3	13.1	19.7#
279	175.0	20.2	30.2#





#39
Benzo(g,h,i)perylene
Concen: 0.000 ng
RT: 26.49 min Scan# 3493
Delta R.T. 0.05 min
Lab File: BN005030.D
Acq: 29 Mar 2019 12:54

Tgt Ion:276 Resp: 558

Ion	Ratio	Lower	Upper
276	100		
277	51.1	19.8	29.6#
138	51.7	16.4	24.6#