Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
Data File : BN005062.D
Acq On : 02 Apr 2019 15:21
Operator : JU/SJ
Sample : K2073-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : P001-TW001-03MSD

Quant Time: Apr 03 01:57:52 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	2802	0.40	ng	0.00
7) Naphthalene-d8	10.44	136	11737	0.40	ng	0.00
13) Acenaphthene-d10	14.30	164	6423	0.40	ng	0.00
19) Phenanthrene-d10	17.06	188	14390	0.40	ng	0.00
27) Chrysene-d12	21.26	240	15013	0.40	ng	0.00
34) Perylene-d12	23.50	264	13616	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.26	112	1322	0.19	ng	0.00
5) Phenol-d6	6.85	99	1006	0.12	ng	0.00
8) Nitrobenzene-d5	8.82	82	2724	0.40	ng	-0.01
11) 2-Methylnaphthalene-d10	12.04	152	9323	0.51	ng	0.00
14) 2,4,6-Tribromophenol	15.81	330	1355	0.38	ng	0.00
15) 2-Fluorobiphenyl	12.92	172	11227	0.46	ng	0.00
25) Fluoranthene-d10	19.10	212	16801	0.41	ng	0.00
29) Terphenyl-d14	19.70	244	14402	0.47	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.18	88	1075	0.357	ng	# 83
3) n-Nitrosodimethylamine	3.54	42	282	0.153	ng	90
6) bis(2-Chloroethyl)ether	7.10	93	3018	0.386	ng	96
9) Naphthalene	10.49	128	11921	0.404	ng	100
10) Hexachlorobutadiene	10.76	225	1970	0.360	ng	# 100
12) 2-Methylnaphthalene	12.11	142	8480	0.398	ng	98
16) Acenaphthylene	14.02	152	11715	0.386	ng	99
17) Acenaphthene	14.37	154	7963	0.414	ng	99
18) Fluorene	15.36	166	10578	0.409	ng	100
20) 4-Bromophenyl-phenylether	16.25	248	3440	0.418	ng	99
21) Hexachlorobenzene	16.36	284	3914	0.430	ng	98
22) Pentachlorophenol	16.73	266	1524	0.852	ng	96
23) Phenanthrene	17.10	178	17200	0.427	ng	100
24) Anthracene	17.20	178	15207	0.424	ng	100
26) Fluoranthene	19.13	202	19743	0.400	ng	100
28) Pyrene	19.49	202	20391	0.478	ng	99
30) Benzo(a)anthracene	21.25	228	18322	0.433	ng	99
31) Chrysene	21.30	228	18672	0.409	ng	99
32) Bis(2-ethylhexyl)phthalate	21.15	149	7043	0.397	ng	100
33) Indeno(1,2,3-cd)pyrene	25.75	276	20101	0.392	ng	100
35) Benzo(b)fluoranthene	22.83	252	18678	0.428	ng	99
36) Benzo(k)fluoranthene	22.87	252	19050	0.452	ng	99
37) Benzo(a)pyrene	23.40	252	16881	0.435	ng	99
38) Dibenzo(a,h)anthracene	25.76	278	16767	0.432	ng	99
39) Benzo(g,h,i)perylene	26.44	276	17130	0.438	ng	100

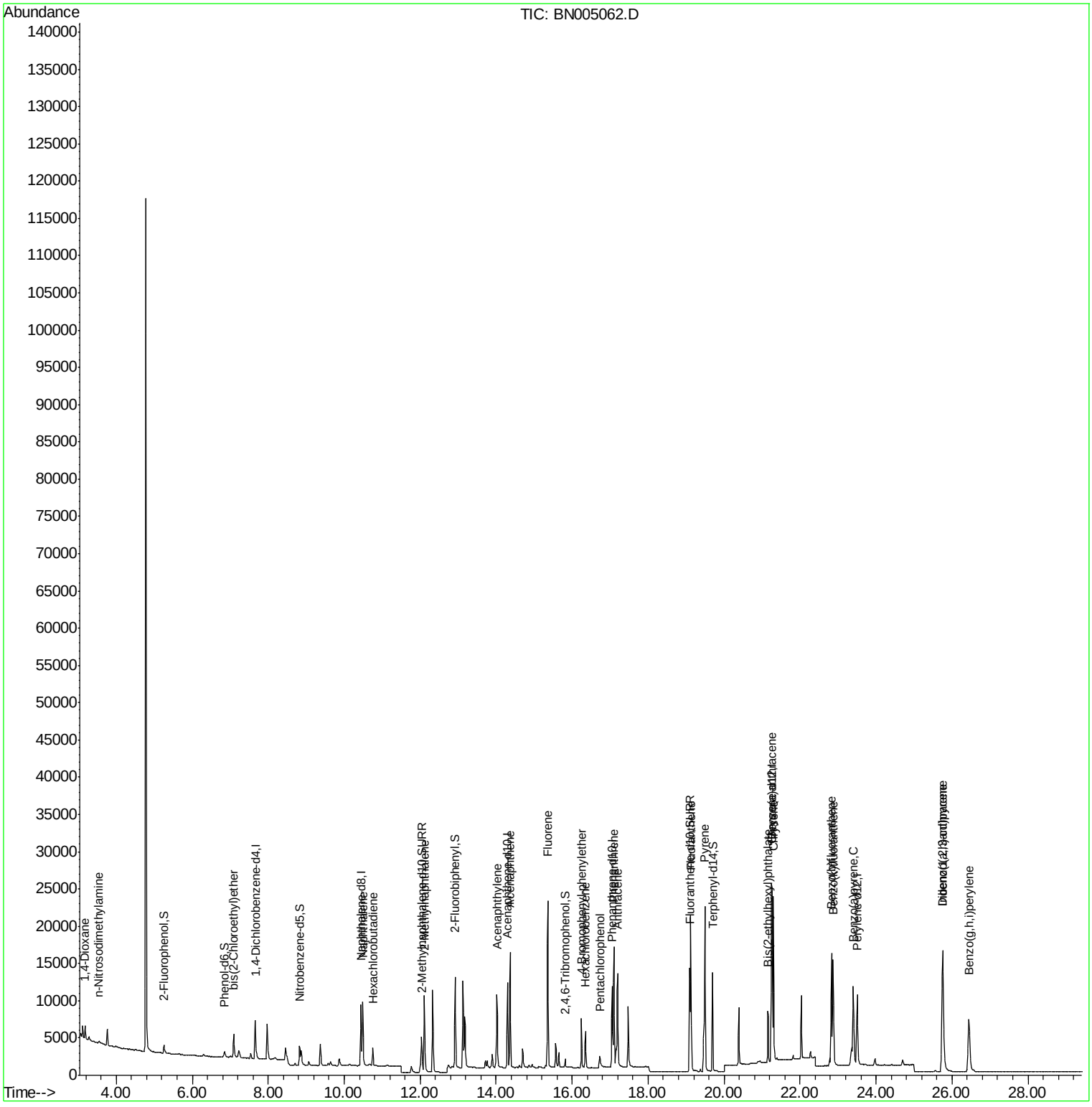
(#) = qualifier out of range (m) = manual integration (+) = signals summed

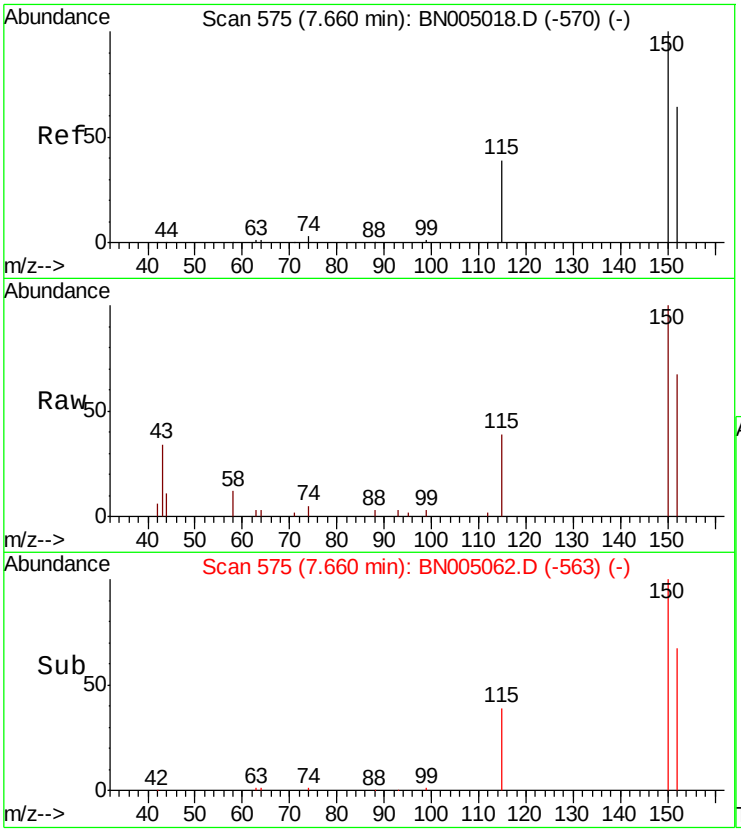
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN040219\
Data File : BN005062.D
Acq On : 02 Apr 2019 15:21
Operator : JU/SJ
Sample : K2073-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Quant Time: Apr 03 01:57:52 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



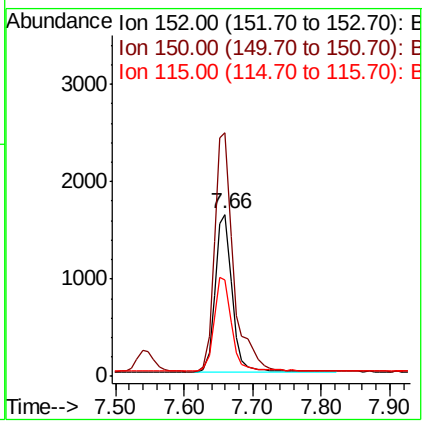


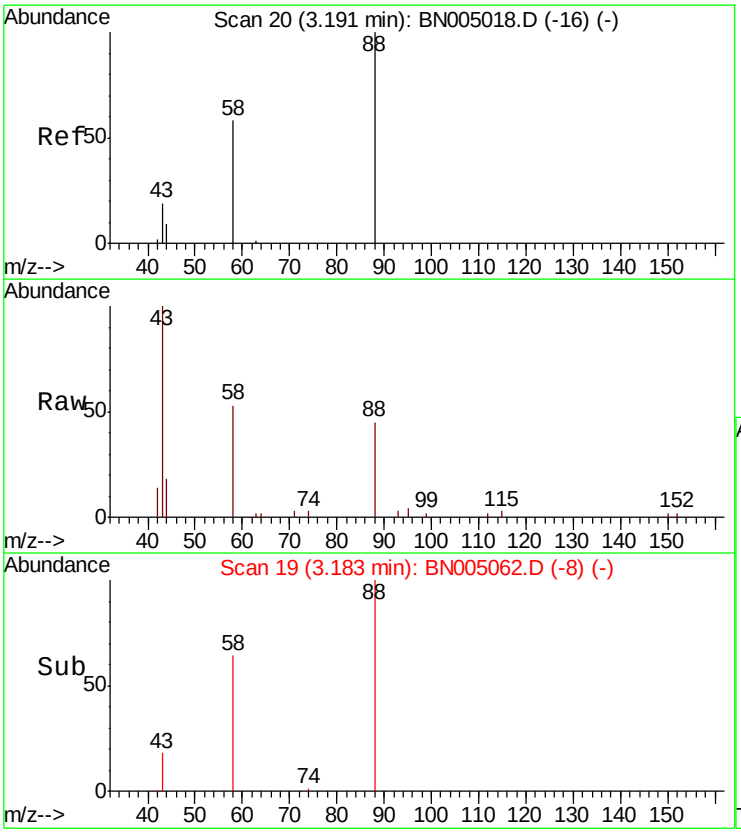
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.66 min Scan# 575
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:152 Resp: 2802

Ion	Ratio	Lower	Upper
152	100		
150	150.0	123.4	185.2
115	59.2	50.0	75.0

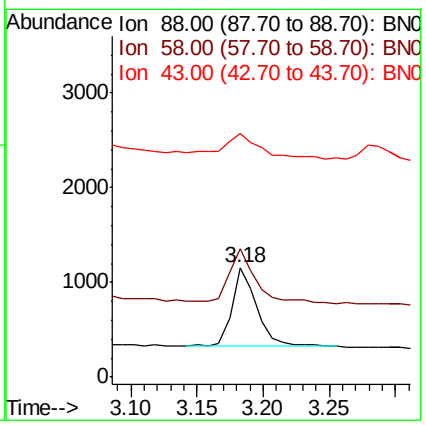


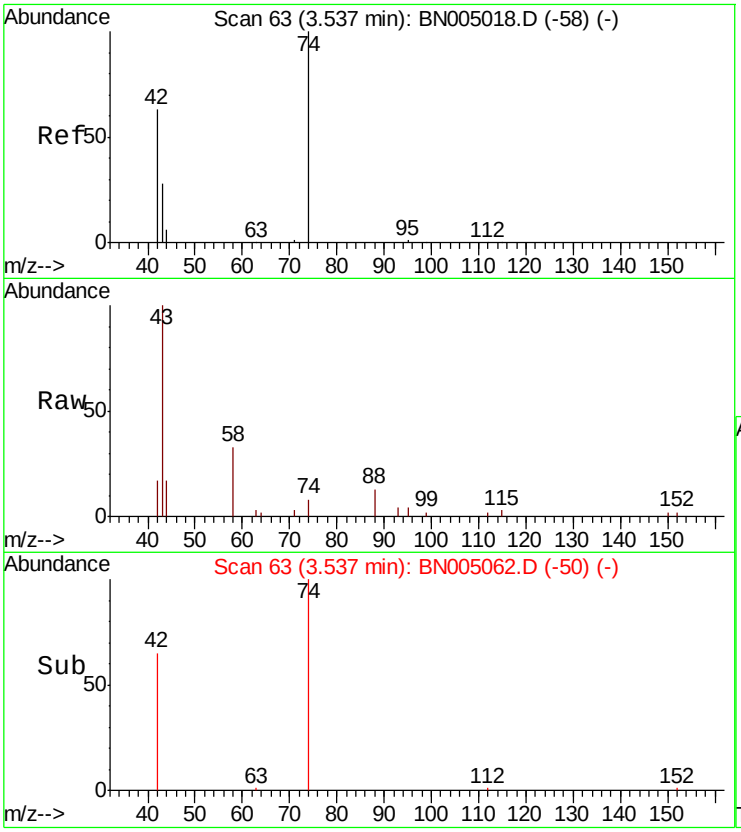


#2
1,4-Dioxane
Concen: 0.357 ng
RT: 3.18 min Scan# 19
Delta R.T. -0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion: 88 Resp: 1075

Ion	Ratio	Lower	Upper
88	100		
58	71.8	52.8	79.2
43	45.2	19.6	29.4#



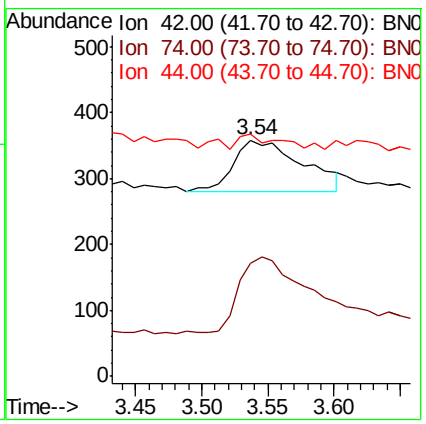


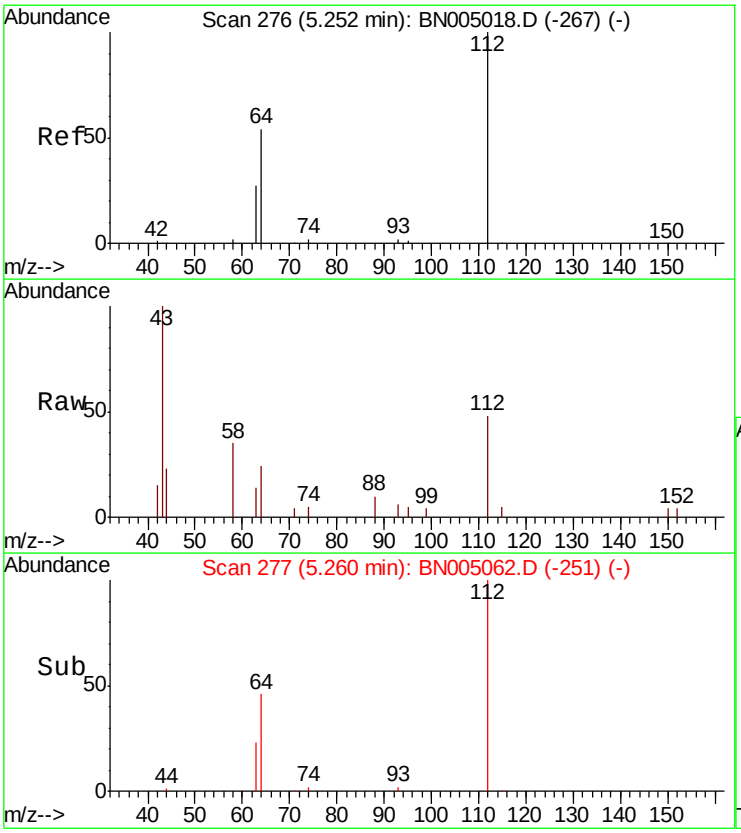
#3
n-Nitrosodimethylamine
Concen: 0.153 ng
RT: 3.54 min Scan# 63
Delta R.T. 0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion: 42 Resp: 282

Ion	Ratio	Lower	Upper
42	100		
74	147.5	129.1	193.7
44	16.0	11.6	17.4

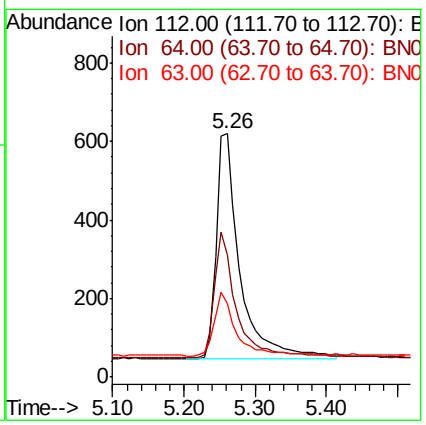


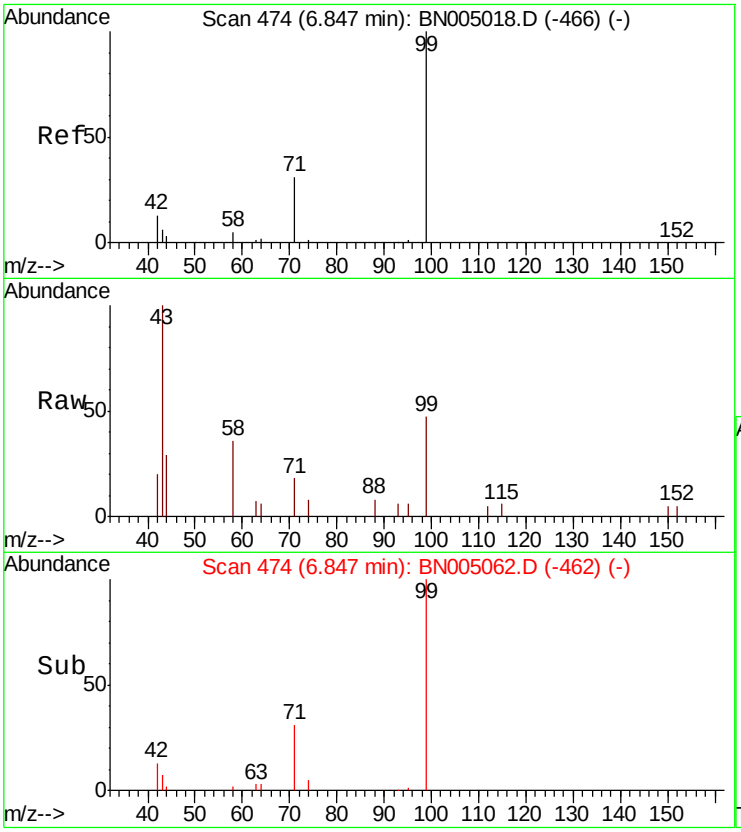


#4
2-Fluorophenol
Concen: 0.189 ng
RT: 5.26 min Scan# 277
Delta R.T. 0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:112 Resp: 1322

Ion	Ratio	Lower	Upper
112	100		
64	52.9	41.9	62.9
63	26.2	21.5	32.3



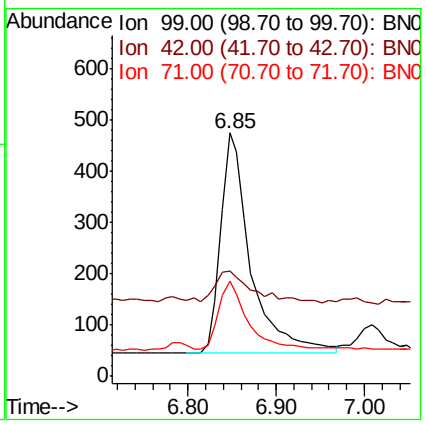


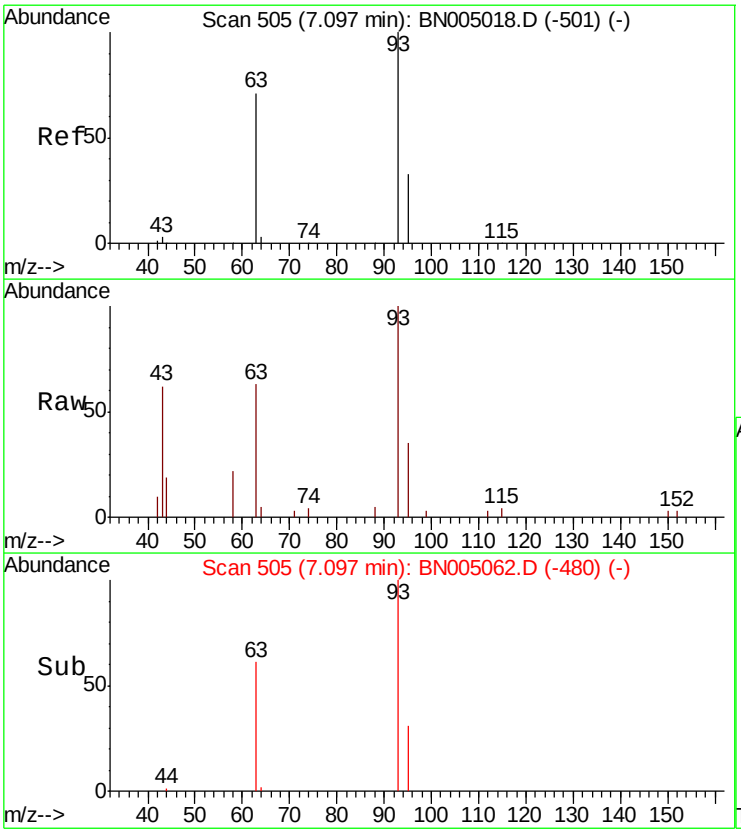
#5
Phenol-d6
Concen: 0.121 ng
RT: 6.85 min Scan# 474
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion: 99 Resp: 1006

Ion	Ratio	Lower	Upper
99	100		
42	19.3	12.2	18.2#
71	30.1	26.1	39.1

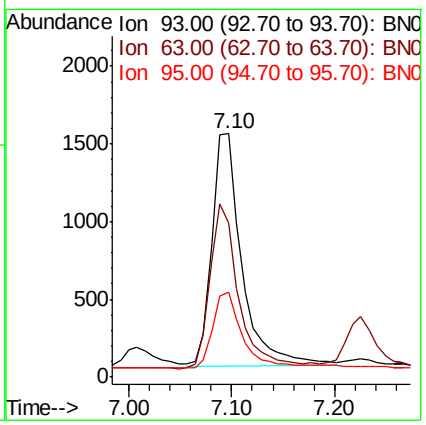


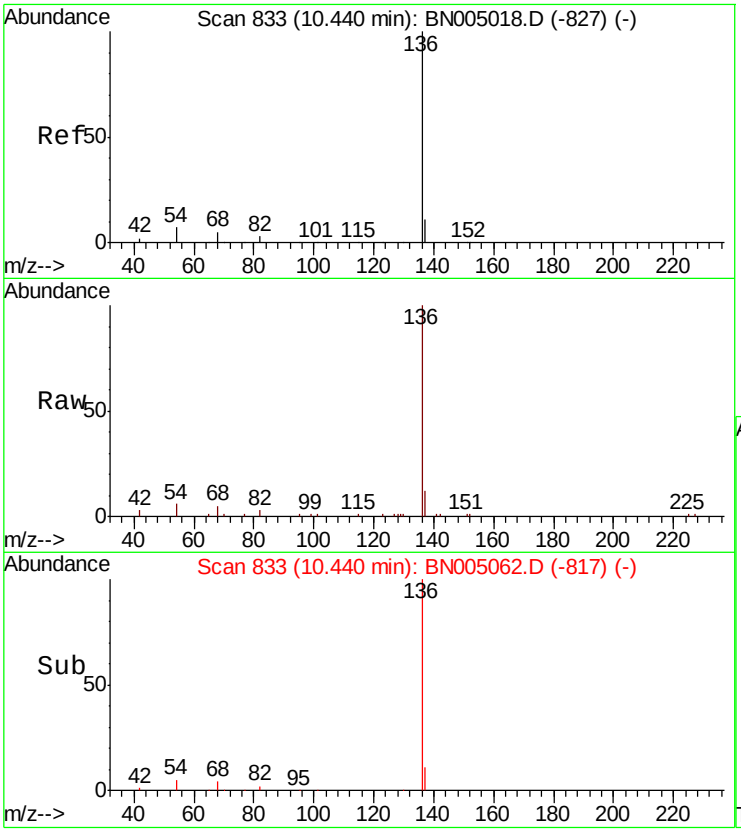


#6
bis(2-Chloroethyl)ether
Concen: 0.386 ng
RT: 7.10 min Scan# 505
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion: 93 Resp: 3018

Ion	Ratio	Lower	Upper
93	100		
63	68.4	51.8	77.6
95	31.9	24.8	37.2



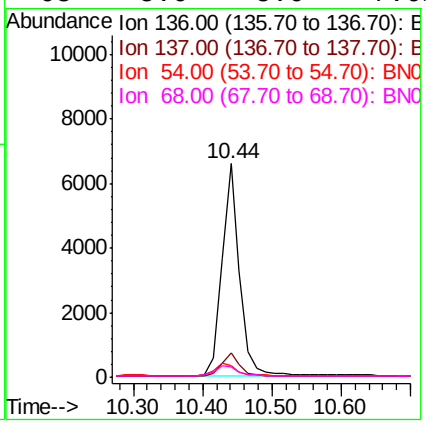


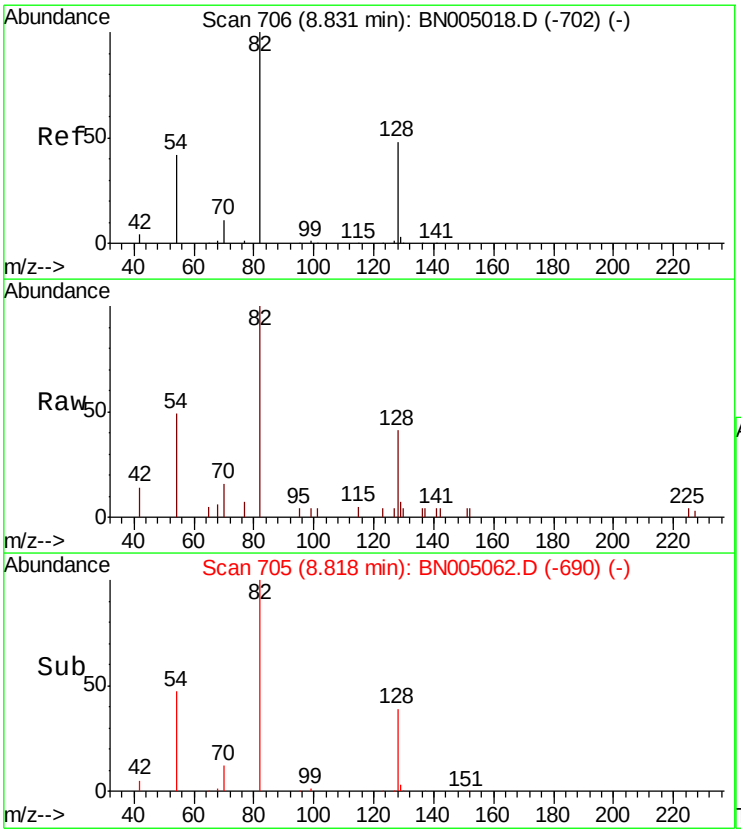
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:136 Resp: 11737

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.2	13.8
54	5.5	6.0	9.0#
68	5.0	5.0	7.6#

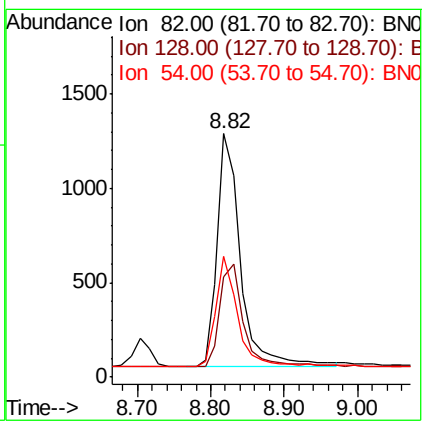


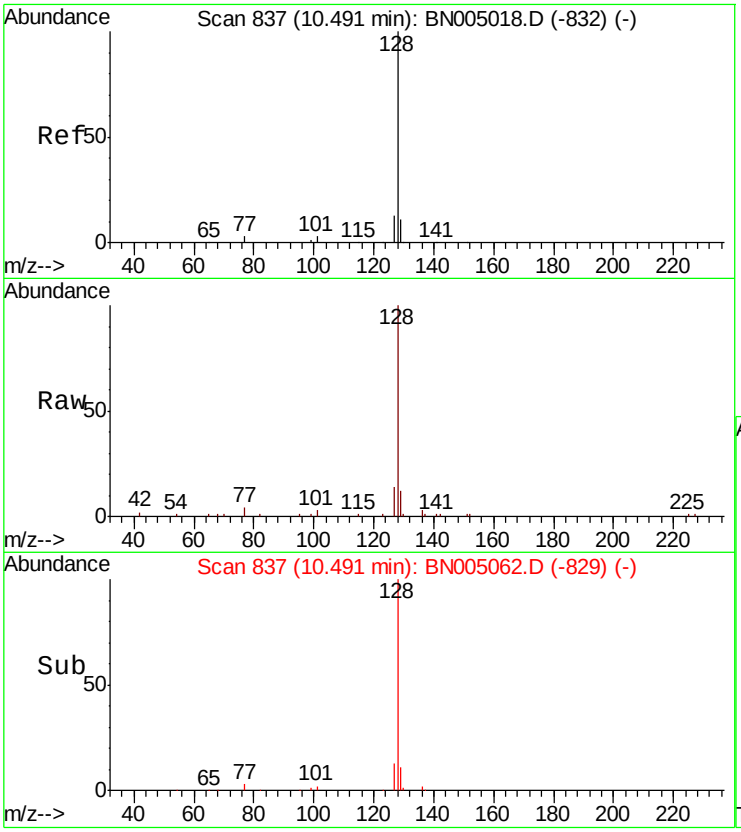


#8
Nitrobenzene-d5
Concen: 0.400 ng
RT: 8.82 min Scan# 705
Delta R.T. -0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion: 82 Resp: 2724

Ion	Ratio	Lower	Upper
82	100		
128	41.0	40.5	60.7
54	49.5	35.7	53.5



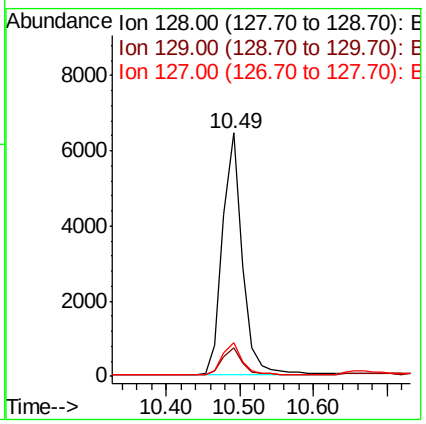


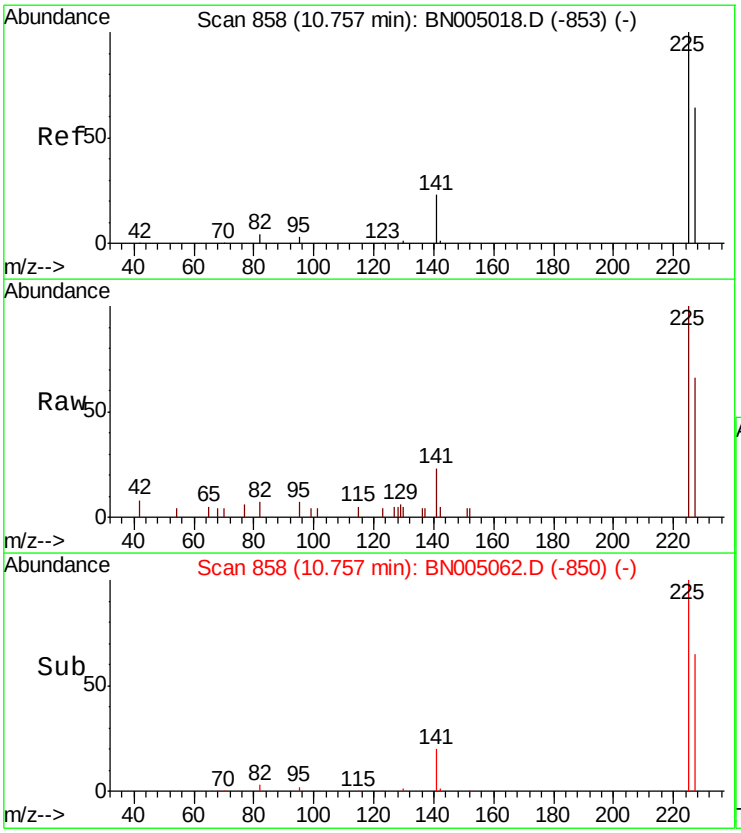
#9
Naphthalene
Concen: 0.404 ng
RT: 10.49 min Scan# 837
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:128 Resp: 11921

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.2
127	13.8	11.0	16.6

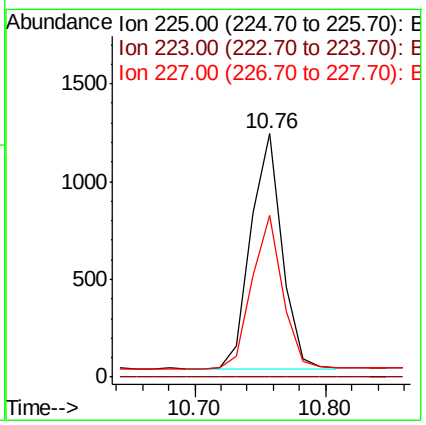


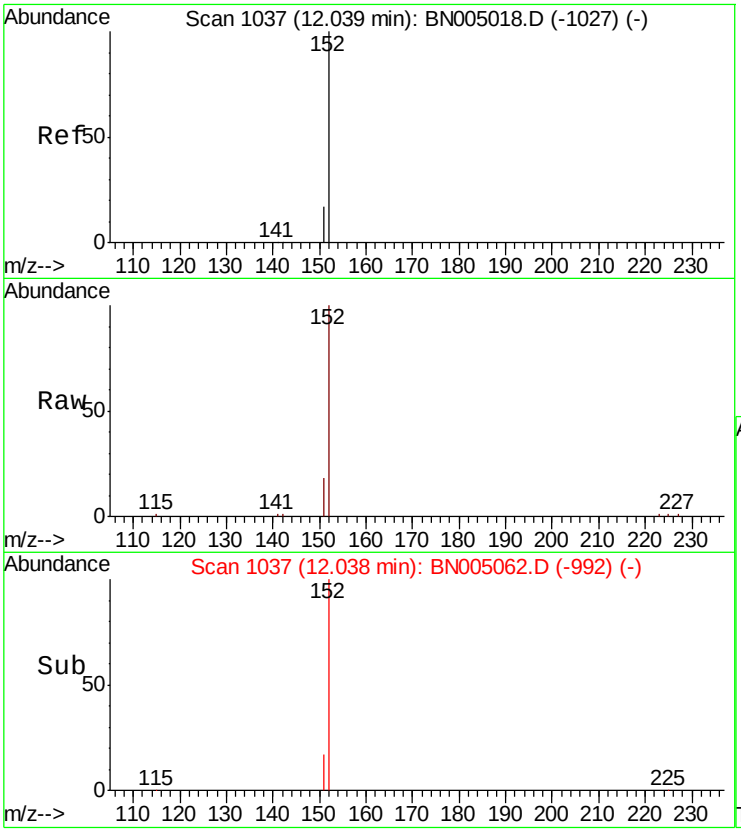


#10
Hexachlorobutadiene
Concen: 0.360 ng
RT: 10.76 min Scan# 858
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:225 Resp: 1970

Ion	Ratio	Lower	Upper
225	100		
223	0.0	0.0	0.0
227	64.4	51.5	77.3



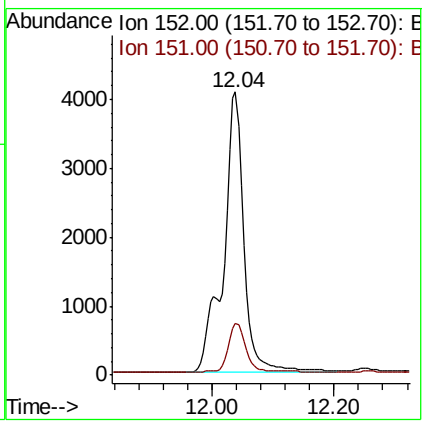


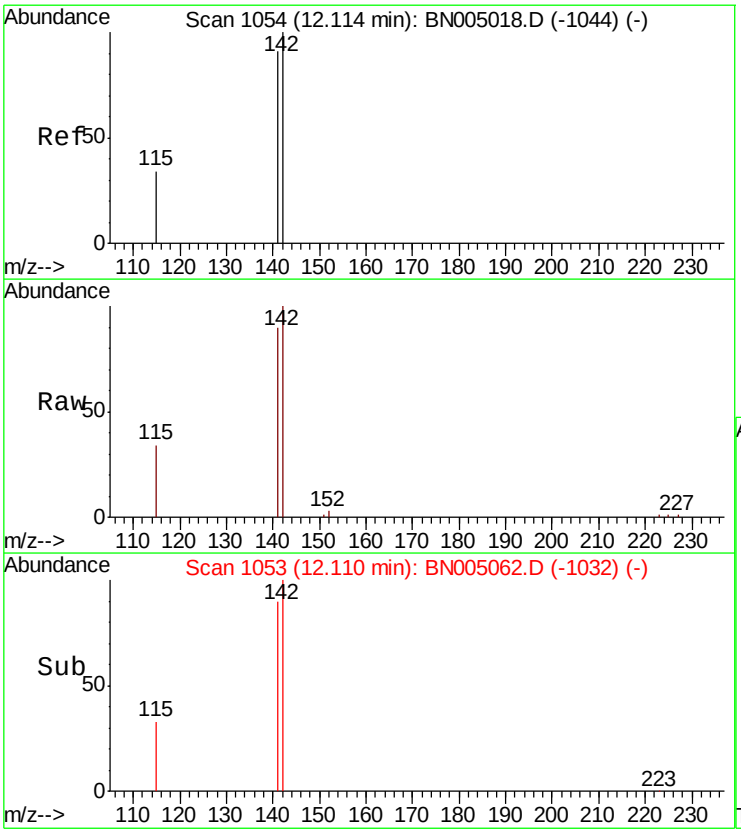
#11
2-Methylnaphthalene-d10
Concen: 0.513 ng
RT: 12.04 min Scan# 1037
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:152 Resp: 9323

Ion	Ratio	Lower	Upper
152	100		
151	15.1	15.3	22.9#

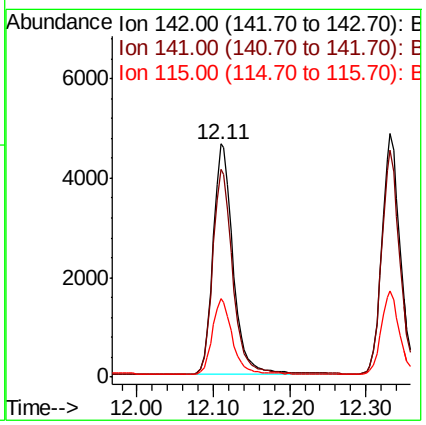


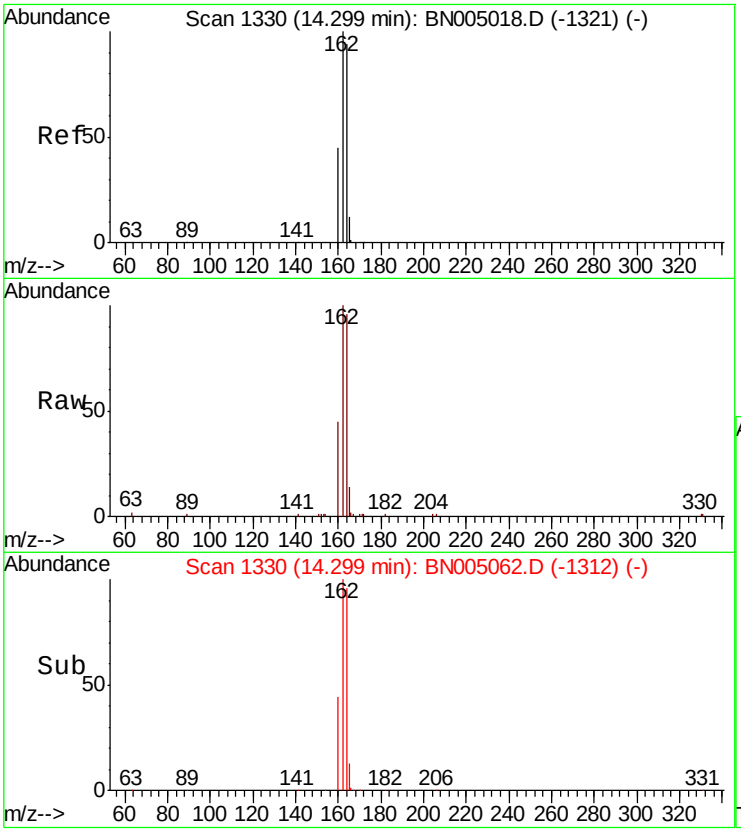


#12
2-Methylnaphthalene
Concen: 0.398 ng
RT: 12.11 min Scan# 1053
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:142 Resp: 8480

Ion	Ratio	Lower	Upper
142	100		
141	89.5	72.6	108.8
115	33.5	27.8	41.8



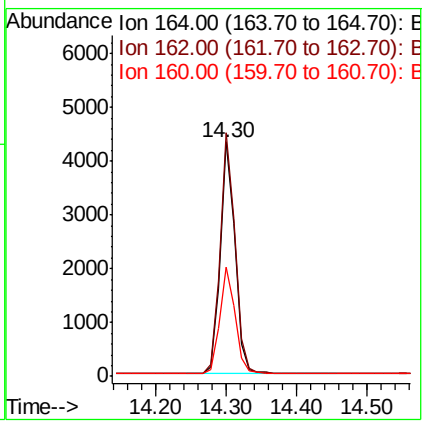


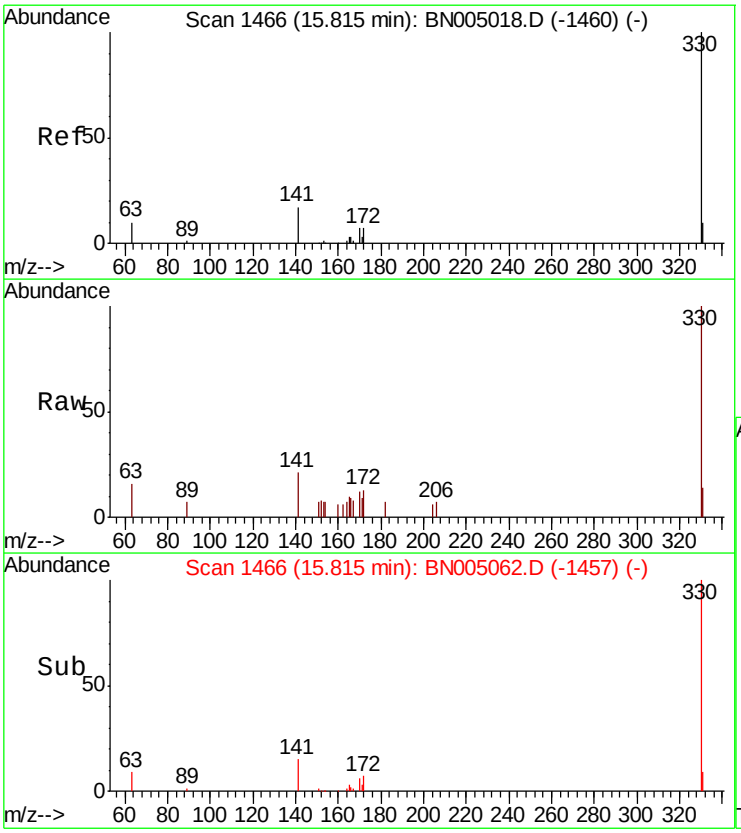
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.30 min Scan# 1330
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:164 Resp: 6423

Ion	Ratio	Lower	Upper
164	100		
162	104.0	85.3	127.9
160	46.8	39.2	58.8

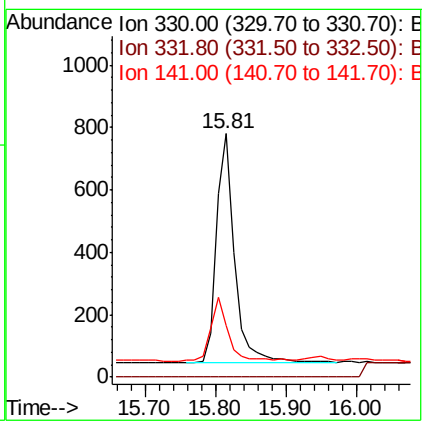


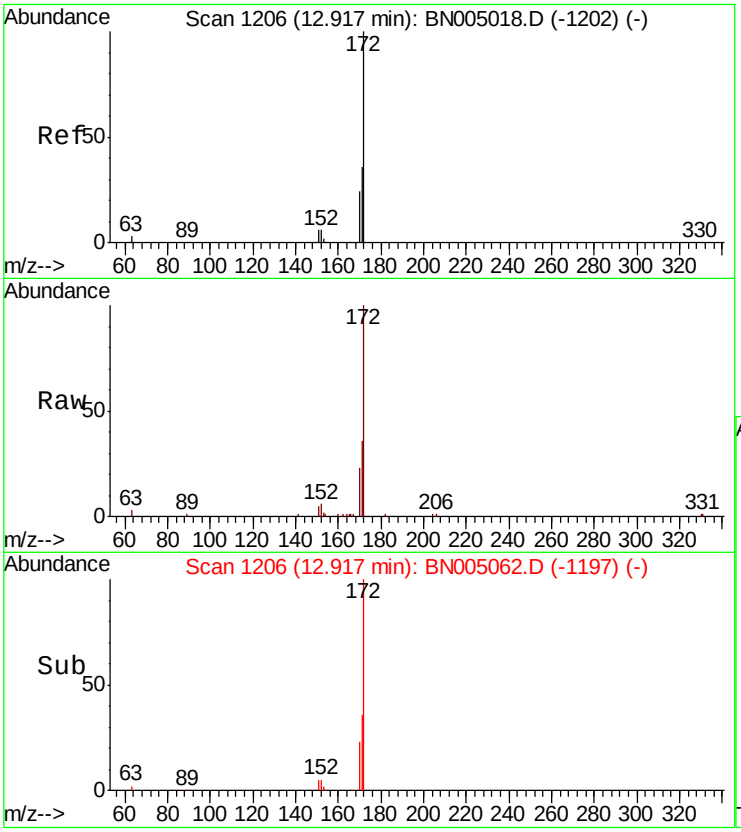


#14
2,4,6-Tribromophenol
Concen: 0.376 ng
RT: 15.81 min Scan# 1466
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:330 Resp: 1355

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	25.2	21.3	31.9



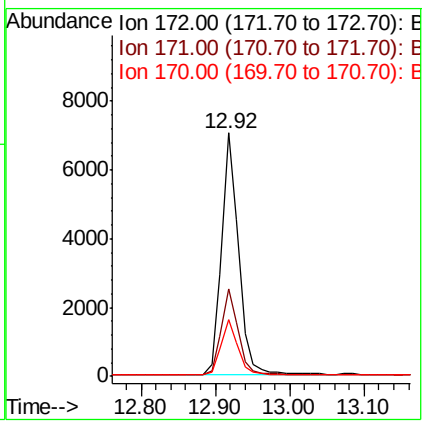


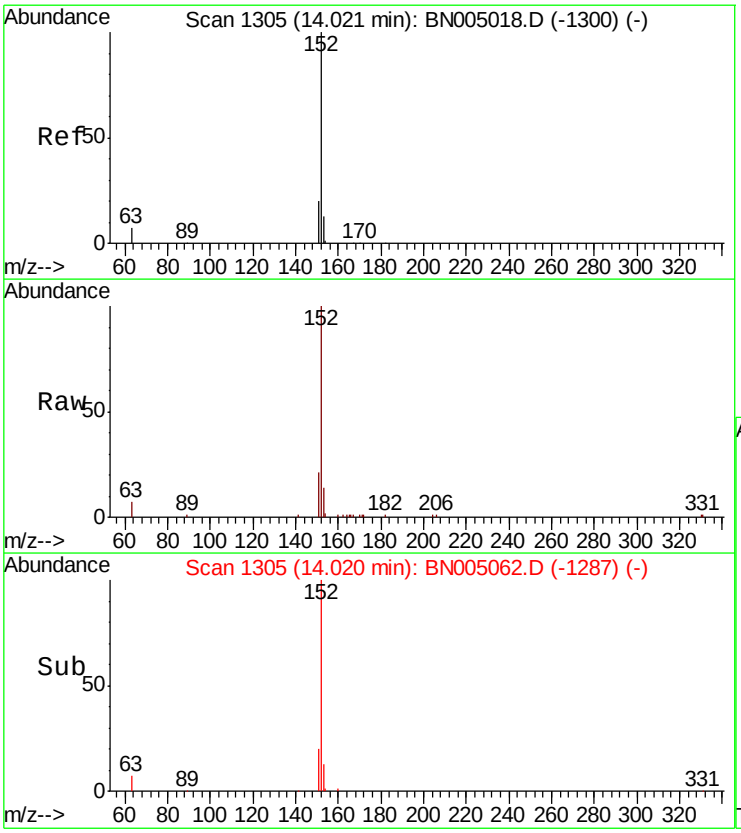
#15
2-Fluorobiphenyl
Concen: 0.463 ng
RT: 12.92 min Scan# 1206
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:172 Resp: 11227

Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.4	44.0
170	23.5	20.0	30.0

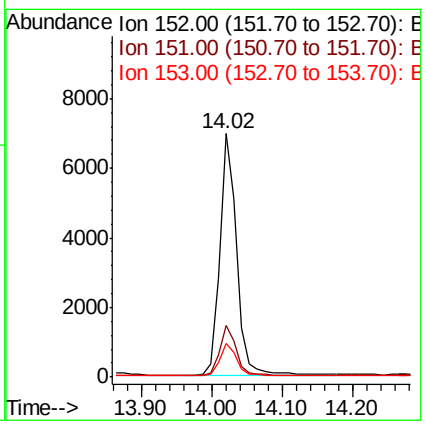


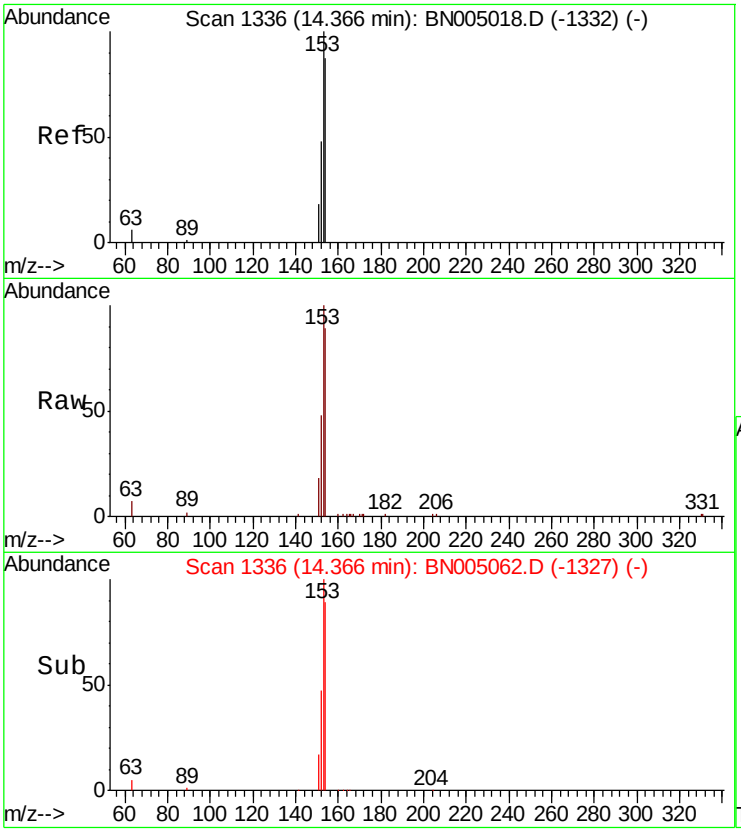


#16
Acenaphthylene
Concen: 0.386 ng
RT: 14.02 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:152 Resp: 11715

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	13.0	10.6	15.8



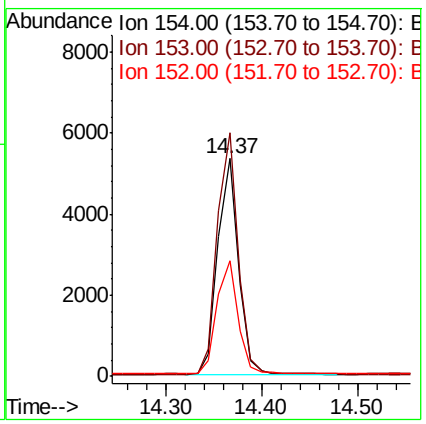


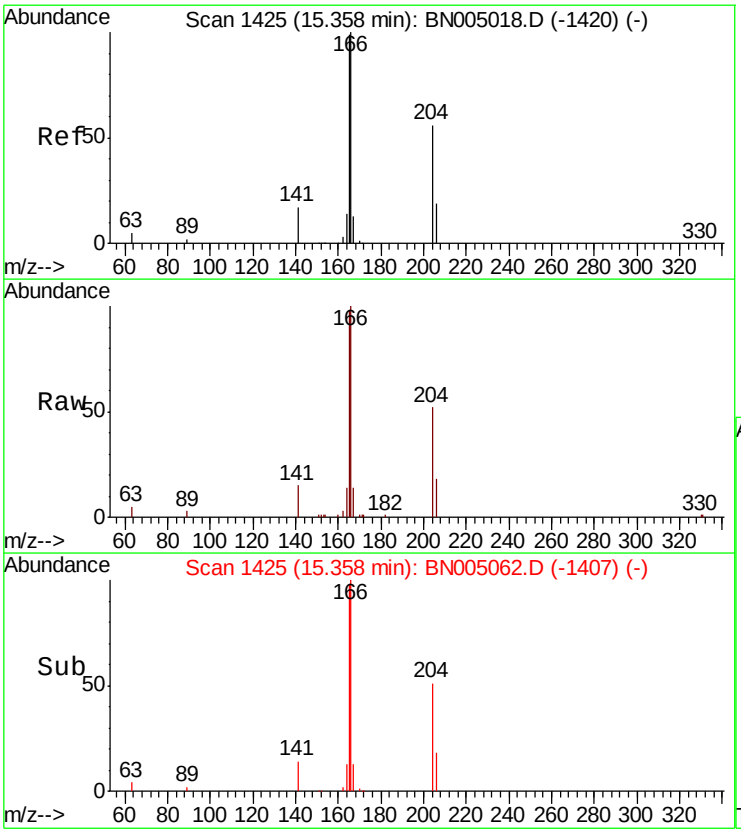
#17
Acenaphthene
Concen: 0.414 ng
RT: 14.37 min Scan# 1336
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:154 Resp: 7963

Ion	Ratio	Lower	Upper
154	100		
153	113.9	92.1	138.1
152	54.4	44.2	66.2

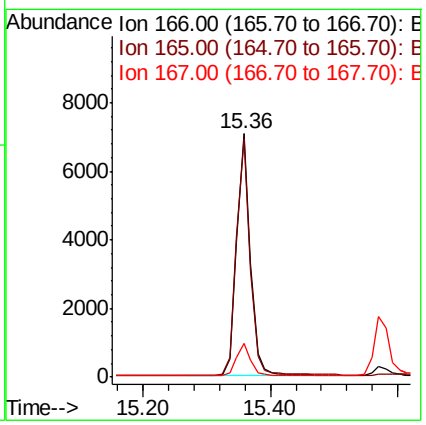


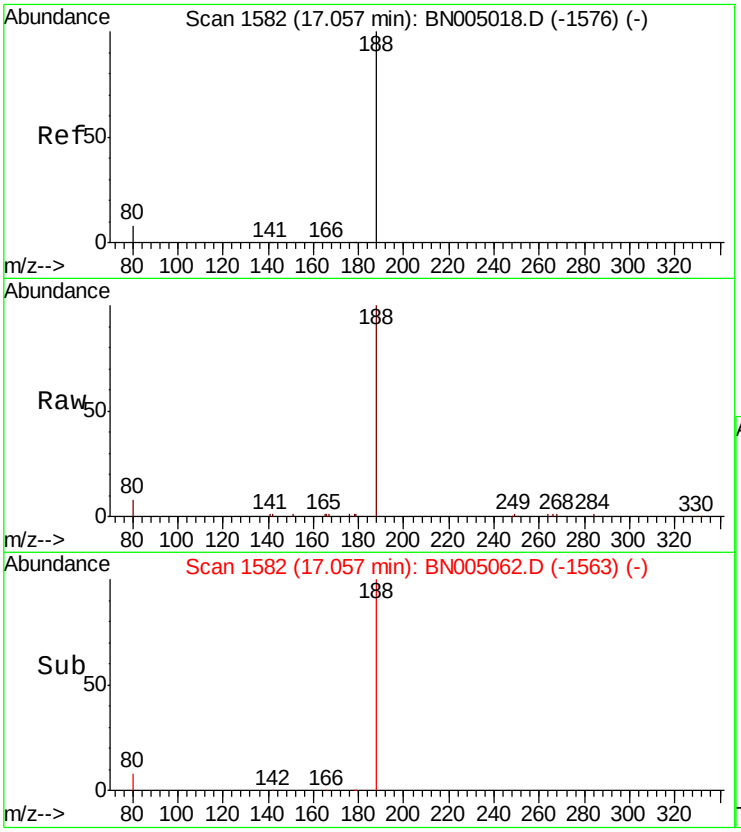


#18
Fluorene
Concen: 0.409 ng
RT: 15.36 min Scan# 1425
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:166 Resp: 10578

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.7	118.1
167	13.5	10.9	16.3



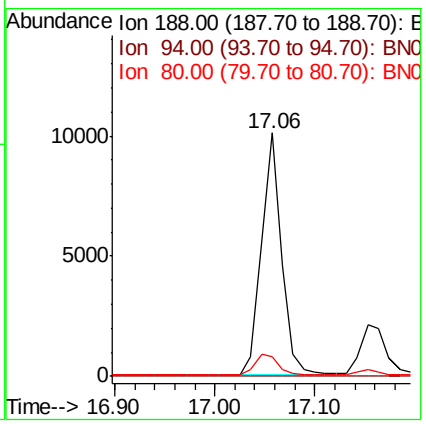


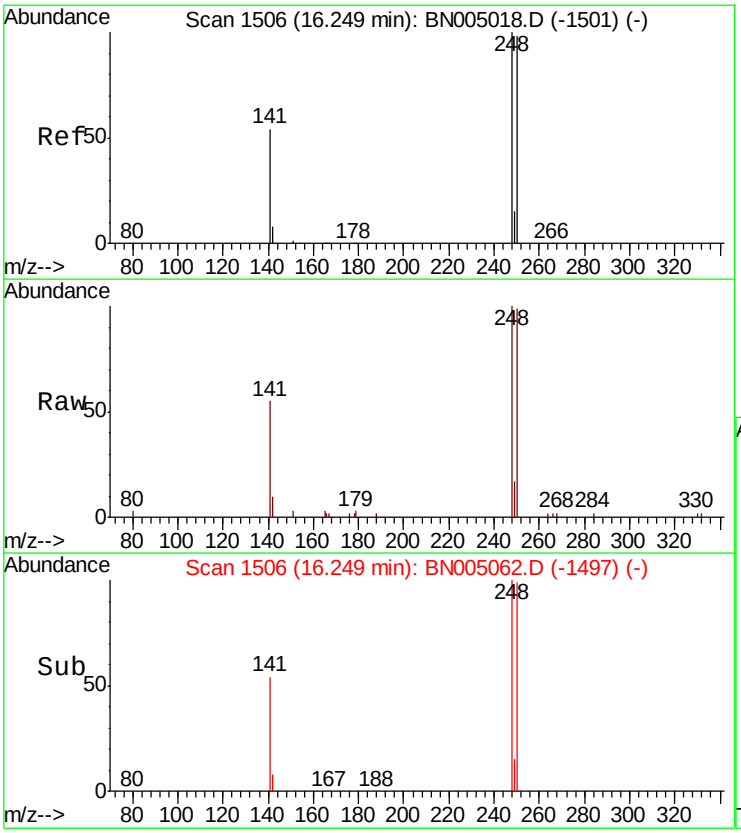
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:188 Resp: 14390

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.2	6.9	10.3

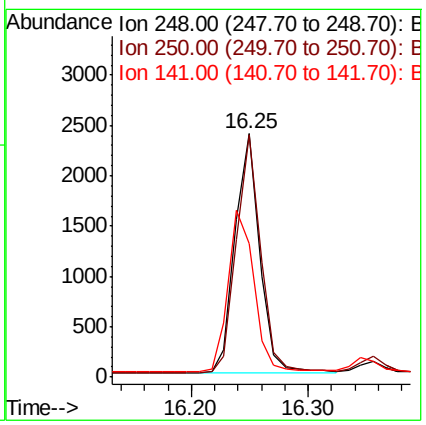


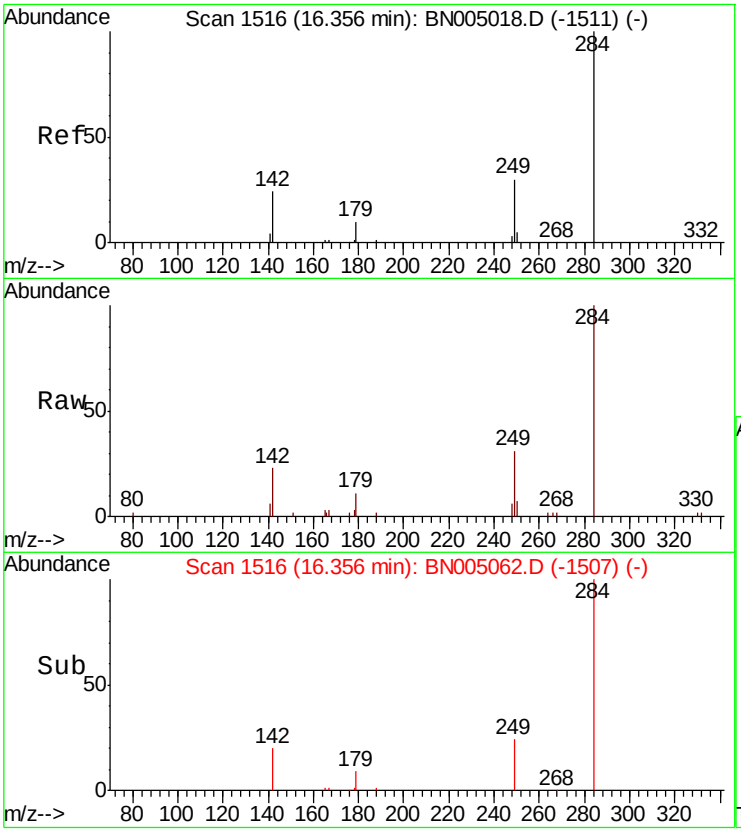


#20
4-Bromophenyl-phenylether
Concen: 0.418 ng
RT: 16.25 min Scan# 1506
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:248 Resp: 3440

Ion	Ratio	Lower	Upper
248	100		
250	99.3	78.6	117.8
141	55.0	43.6	65.4



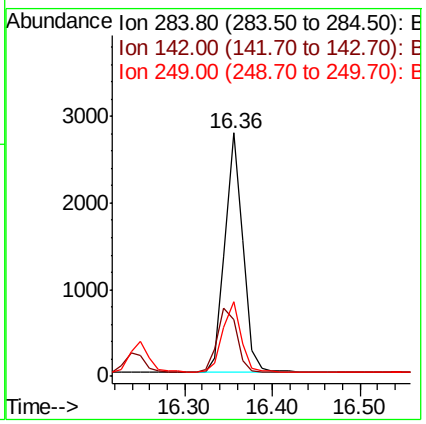


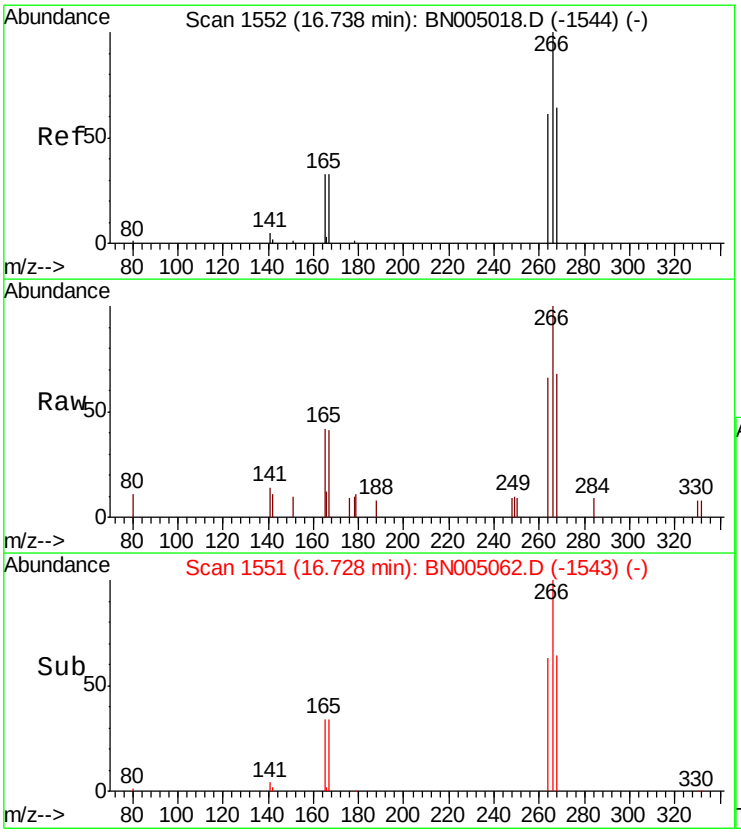
#21
Hexachlorobenzene
Concen: 0.430 ng
RT: 16.36 min Scan# 1516
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:284 Resp: 3914

Ion	Ratio	Lower	Upper
284	100		
142	29.0	24.9	37.3
249	29.5	23.8	35.6

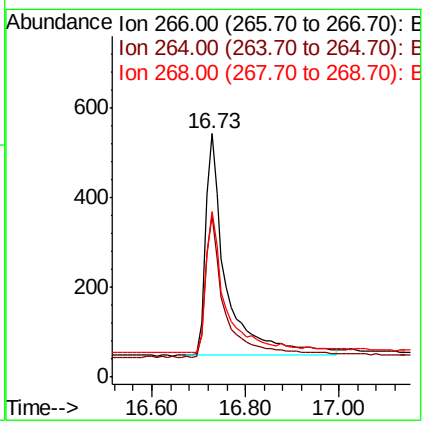


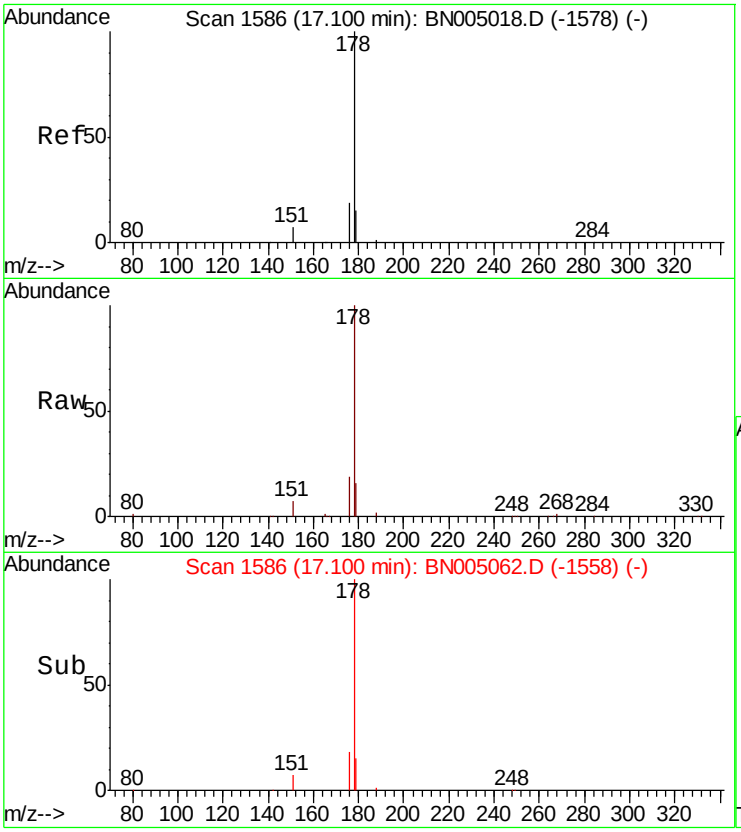


#22
Pentachlorophenol
Concen: 0.852 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:266 Resp: 1524

Ion	Ratio	Lower	Upper
266	100		
264	66.3	53.4	80.0
268	68.0	58.9	88.3



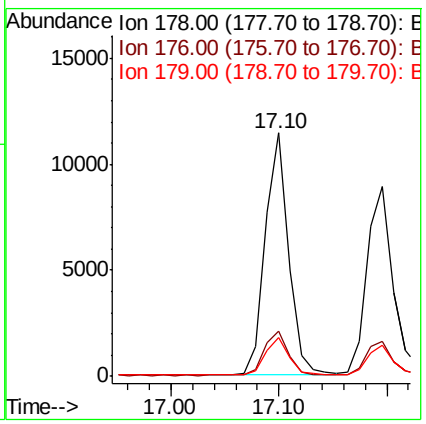


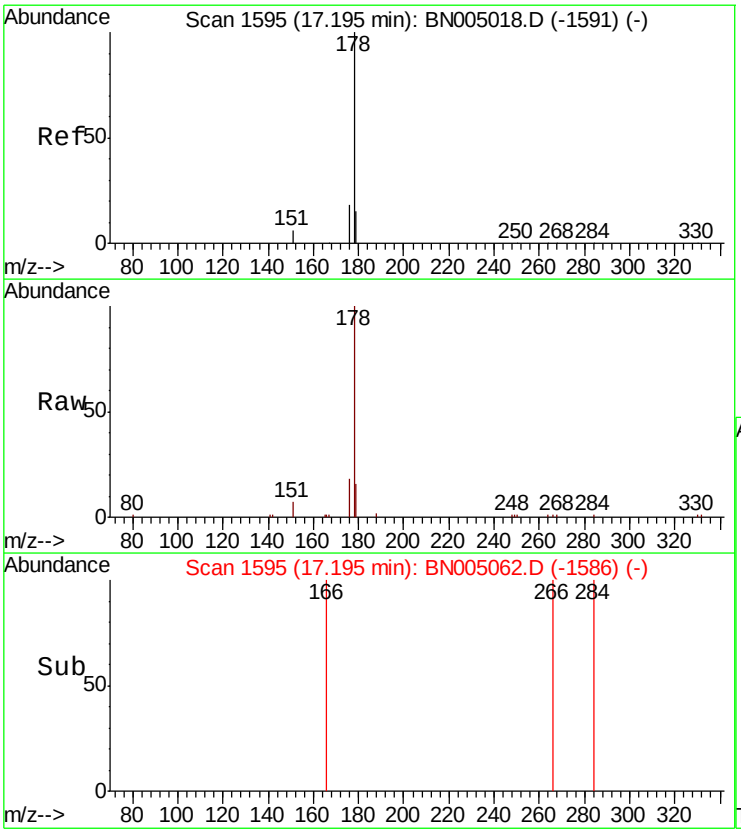
#23
Phenanthrene
Concen: 0.427 ng
RT: 17.10 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:178 Resp: 17200

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	15.5	12.2	18.2

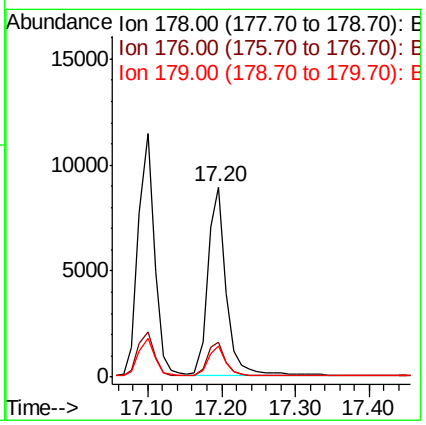


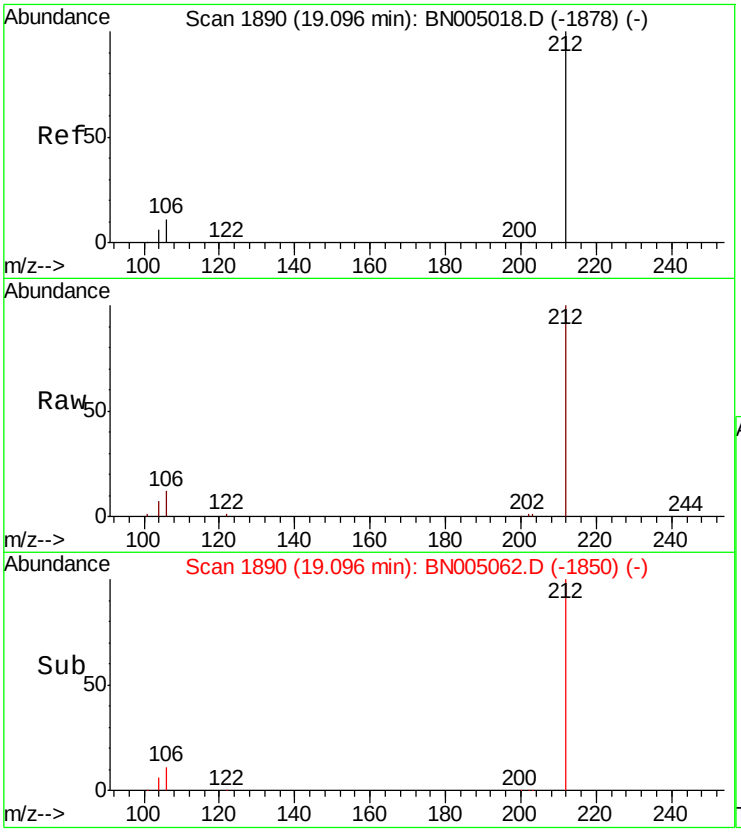


#24
Anthracene
Concen: 0.424 ng
RT: 17.20 min Scan# 1595
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:178 Resp: 15207

Ion	Ratio	Lower	Upper
178	100		
176	18.1	14.6	22.0
179	15.2	12.3	18.5



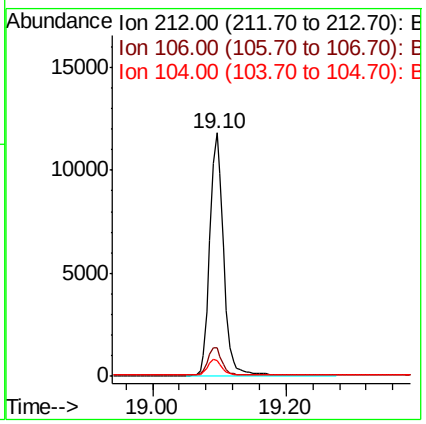


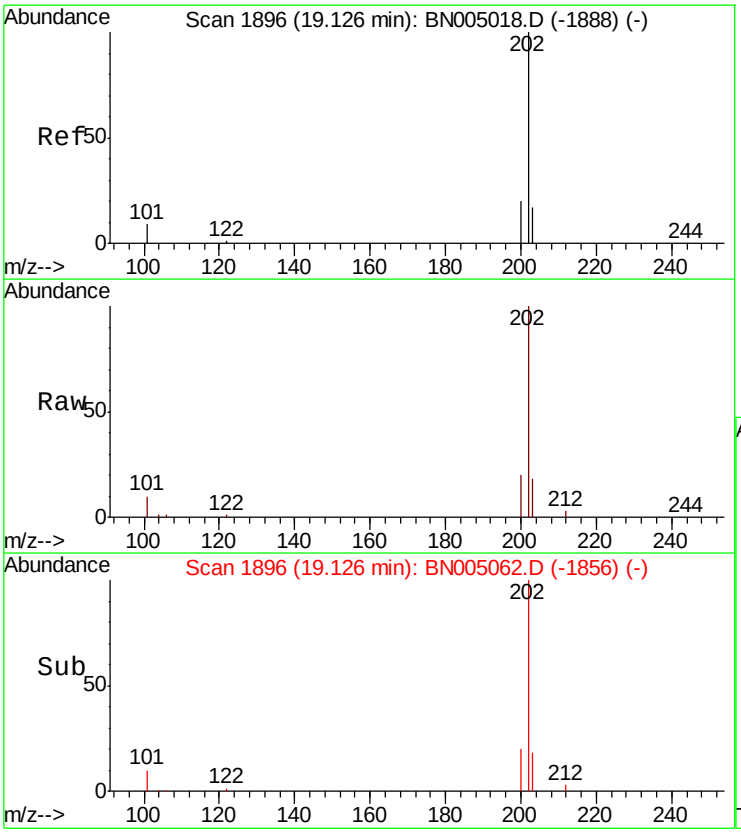
#25
Fluoranthene-d10
Concen: 0.409 ng
RT: 19.10 min Scan# 1890
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:212 Resp: 16801

Ion	Ratio	Lower	Upper
212	100		
106	11.8	9.4	14.2
104	6.6	5.4	8.0

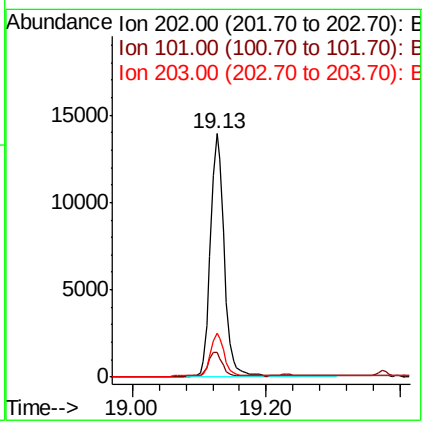


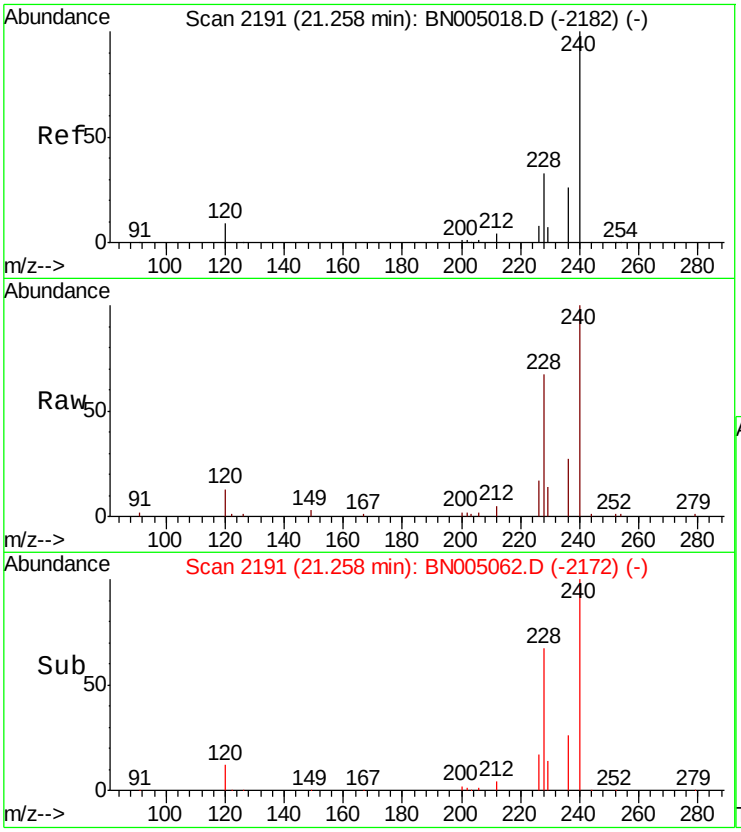


#26
Fluoranthene
Concen: 0.400 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:202 Resp: 19743

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.2	12.2
203	17.3	13.8	20.8



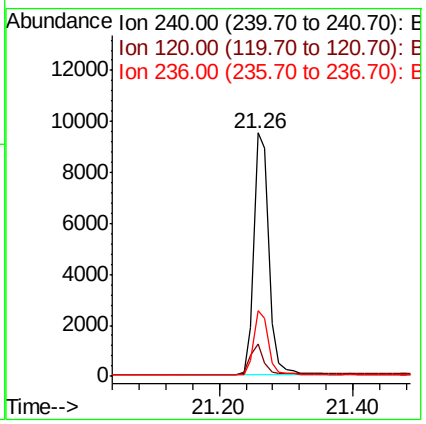


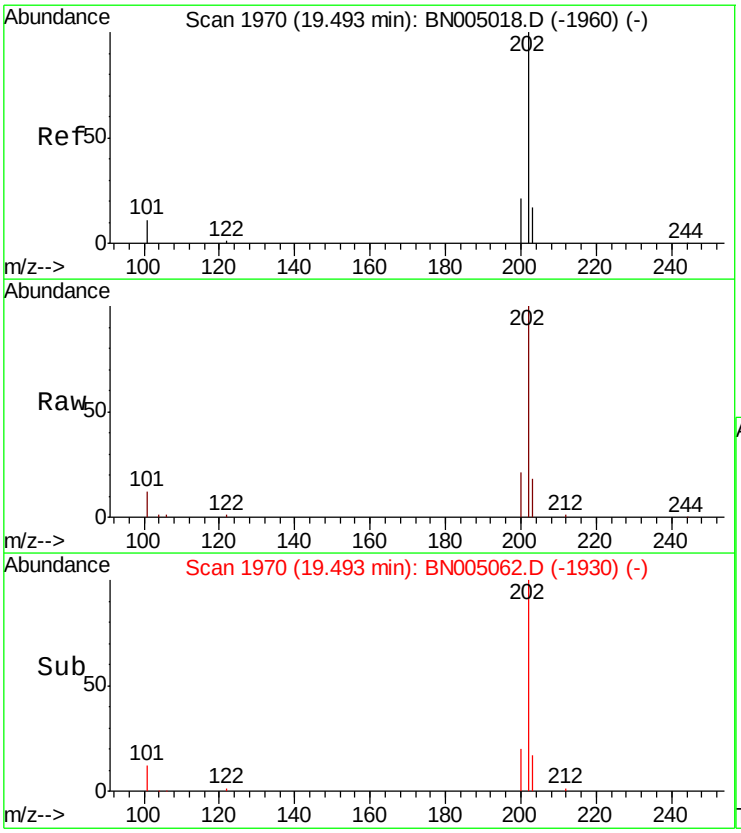
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:240 Resp: 15013

Ion	Ratio	Lower	Upper
240	100		
120	13.2	7.4	11.0#
236	26.9	21.0	31.6

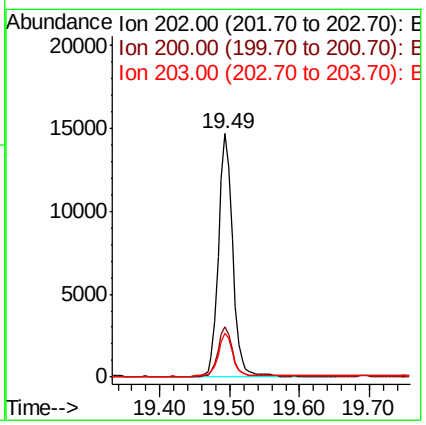


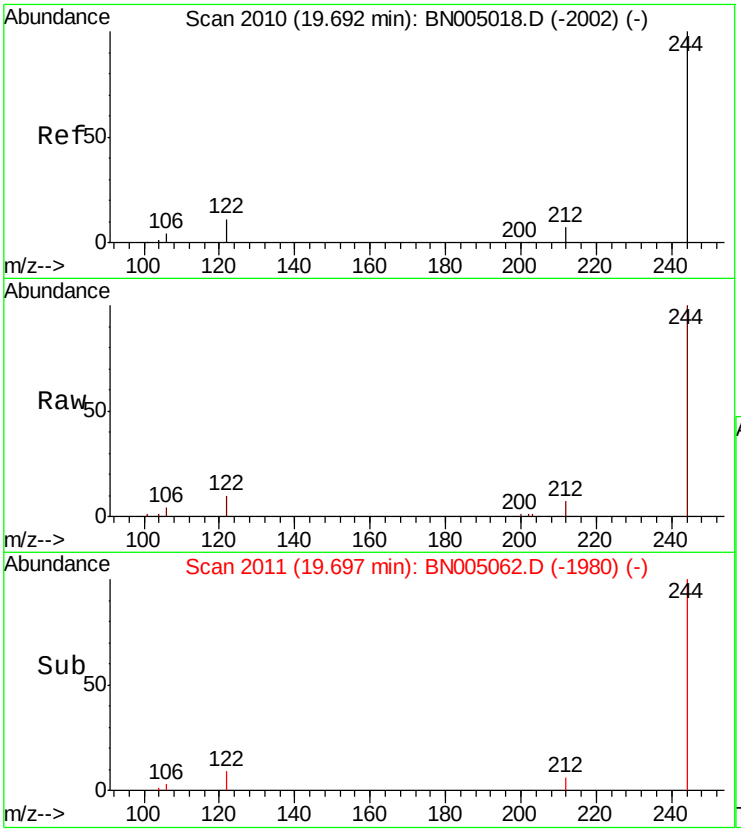


#28
Pyrene
Concen: 0.478 ng
RT: 19.49 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:202 Resp: 20391

Ion	Ratio	Lower	Upper
202	100		
200	20.5	16.5	24.7
203	18.0	13.9	20.9



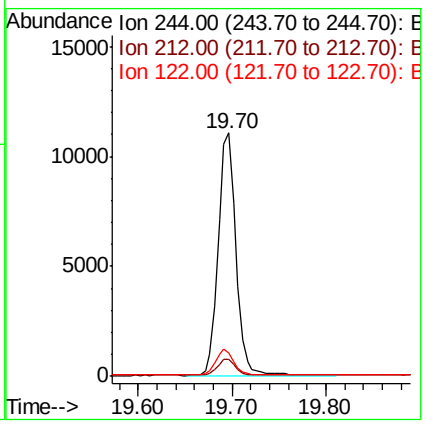


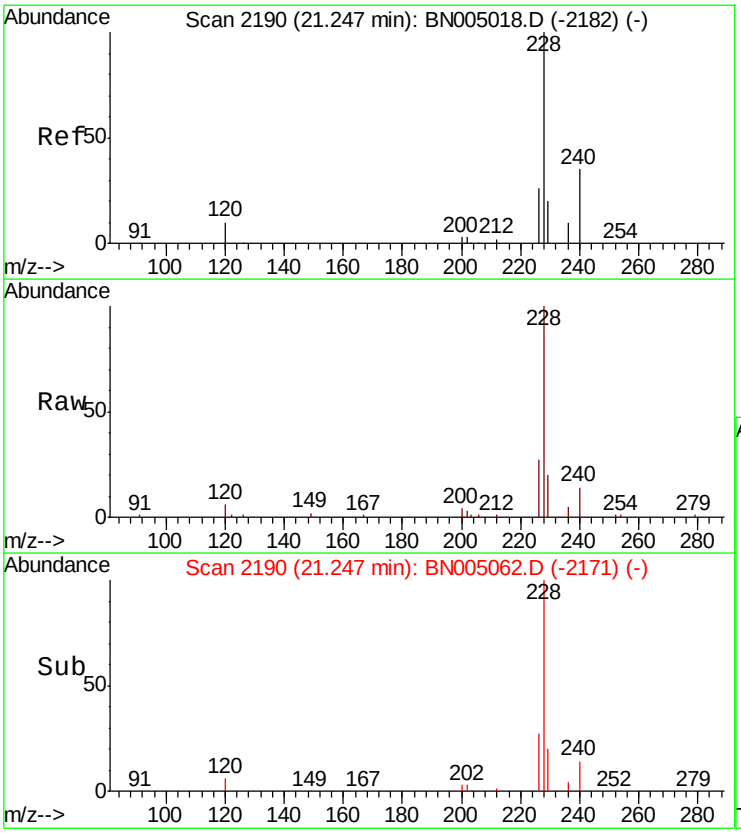
#29
Terphenyl-d14
Concen: 0.467 ng
RT: 19.70 min Scan# 2011
Delta R.T. 0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:244 Resp: 14402

Ion	Ratio	Lower	Upper
244	100		
212	7.2	5.9	8.9
122	9.7	9.0	13.4

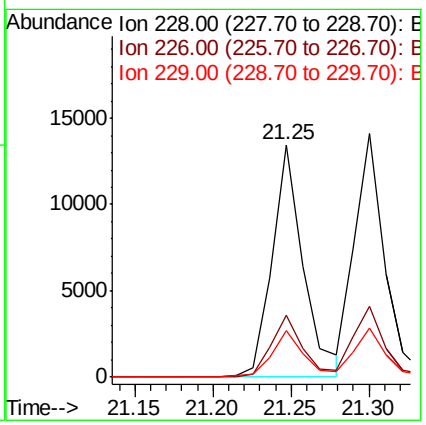


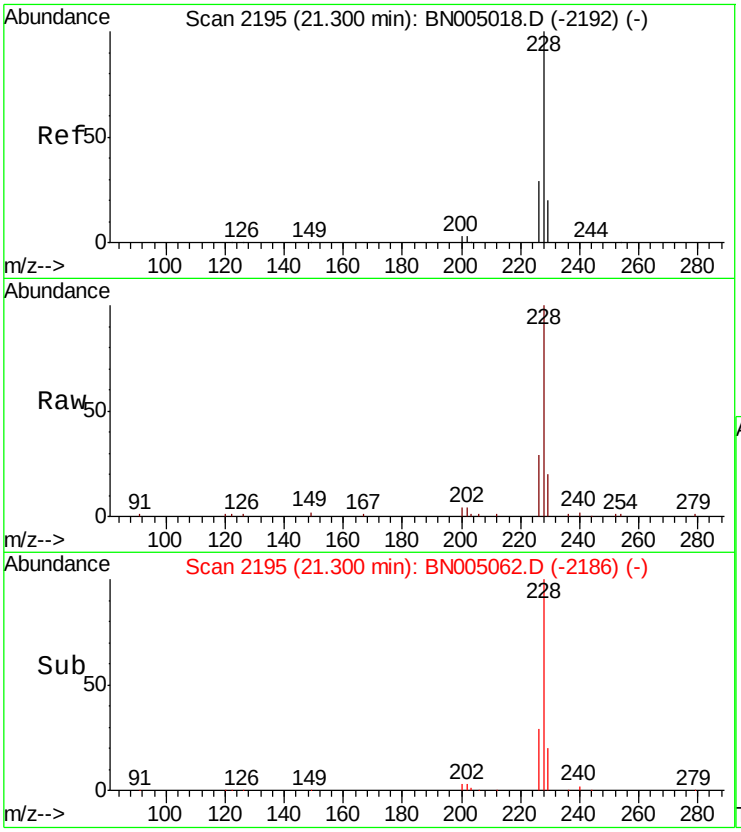


#30
Benzo(a)anthracene
Concen: 0.433 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:228 Resp: 18322

Ion	Ratio	Lower	Upper
228	100		
226	26.8	20.9	31.3
229	20.1	16.2	24.2



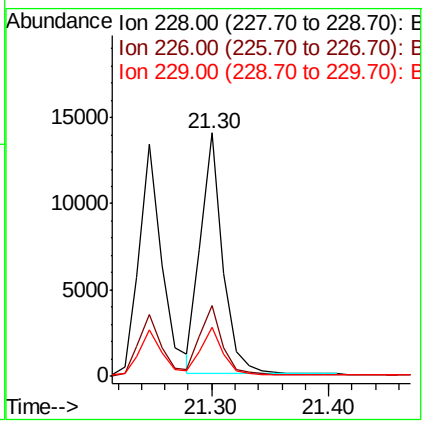


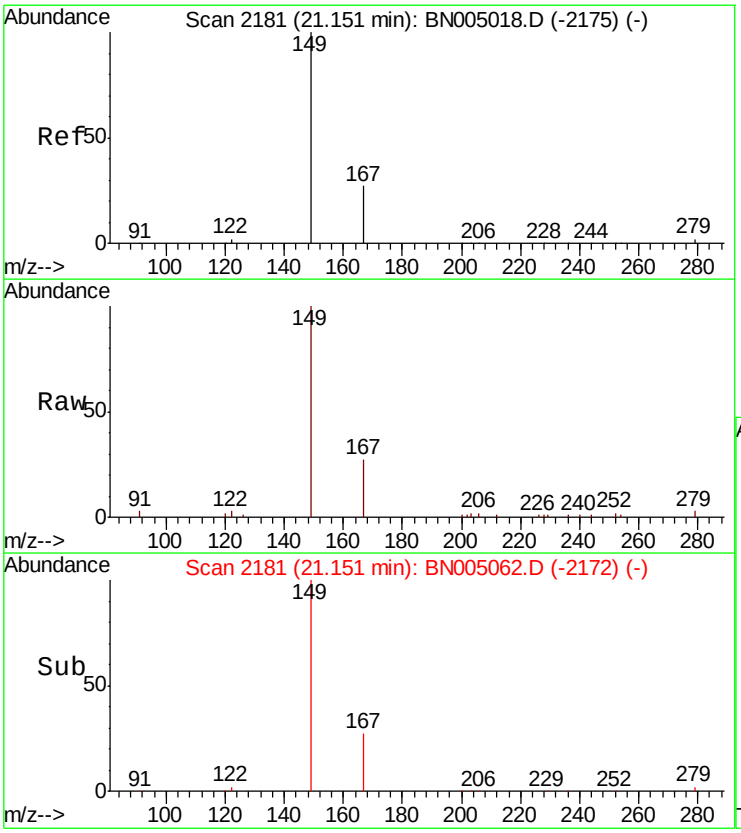
#31
Chrysene
Concen: 0.409 ng
RT: 21.30 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:228 Resp: 18672

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.8	34.2
229	19.9	16.2	24.4

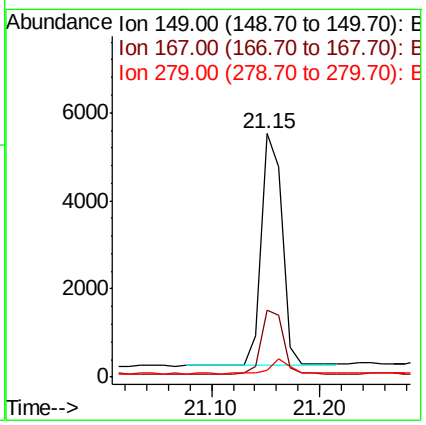


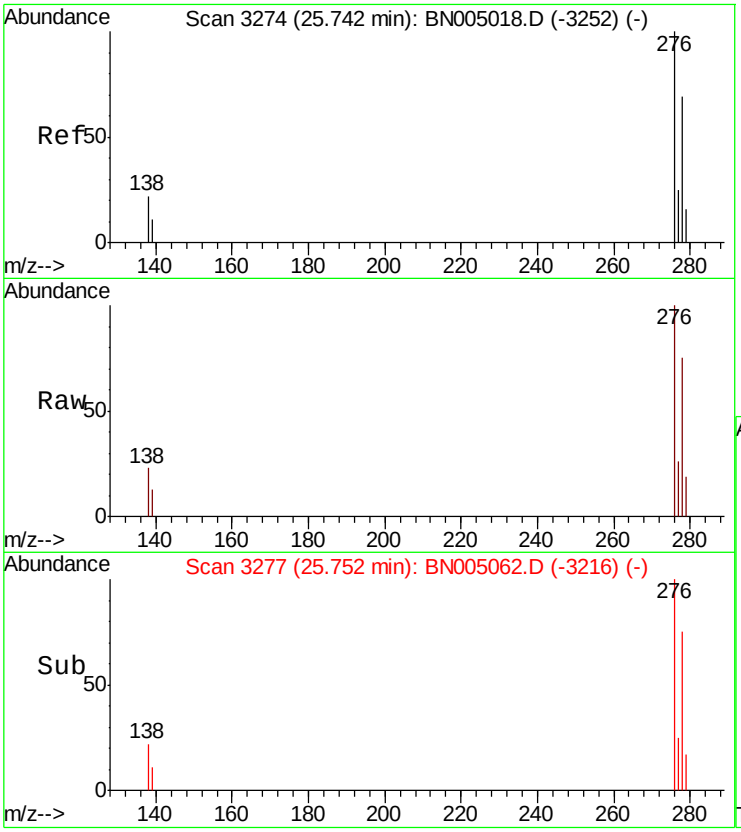


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.397 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:149 Resp: 7043

Ion	Ratio	Lower	Upper
149	100		
167	28.0	22.2	33.4
279	5.5	4.2	6.4



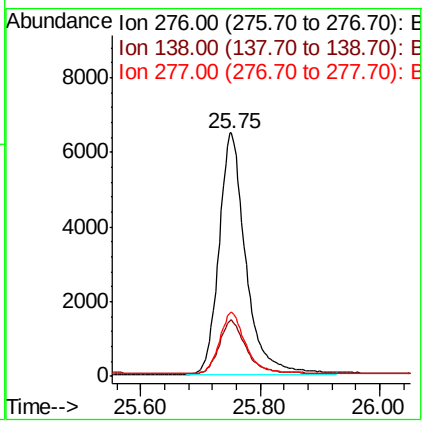


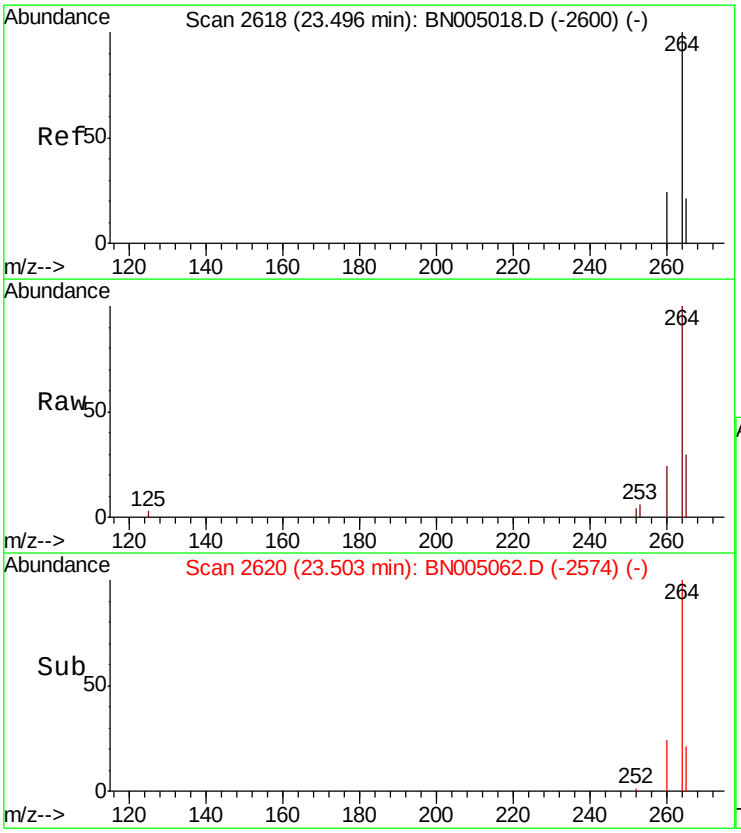
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.392 ng
RT: 25.75 min Scan# 3277
Delta R.T. 0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:276 Resp: 20101

Ion	Ratio	Lower	Upper
276	100		
138	22.6	18.2	27.2
277	25.2	20.3	30.5

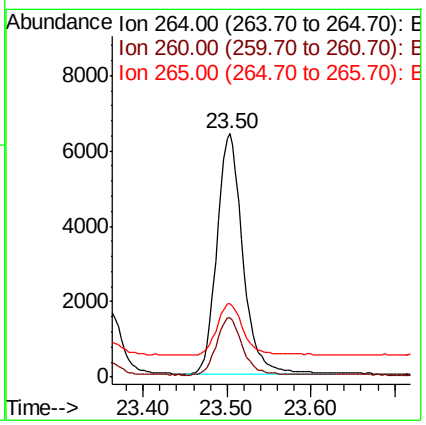


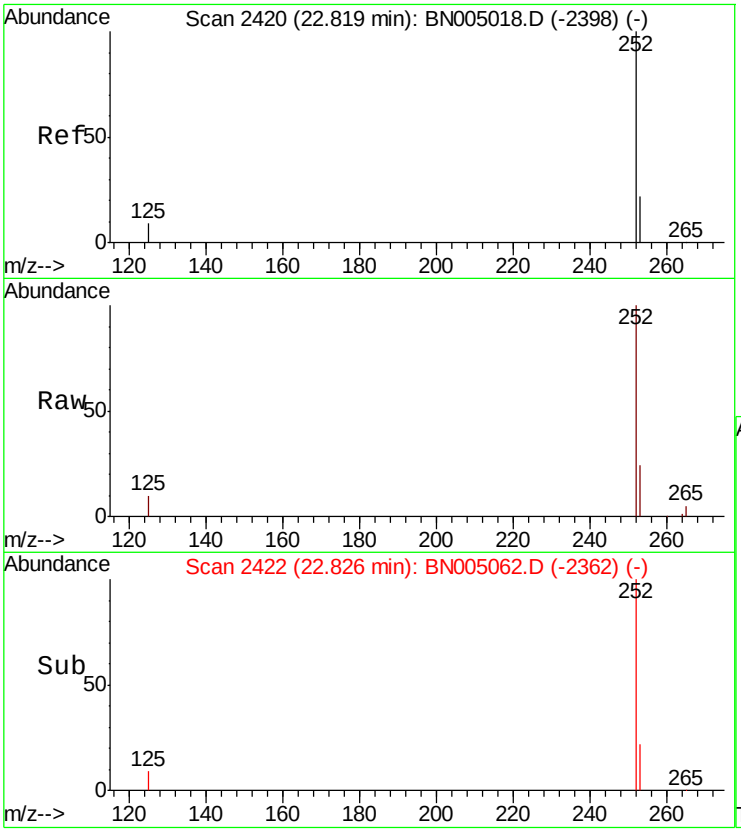


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2620
Delta R.T. 0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:264 Resp: 13616

Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.0
265	30.3	22.5	33.7



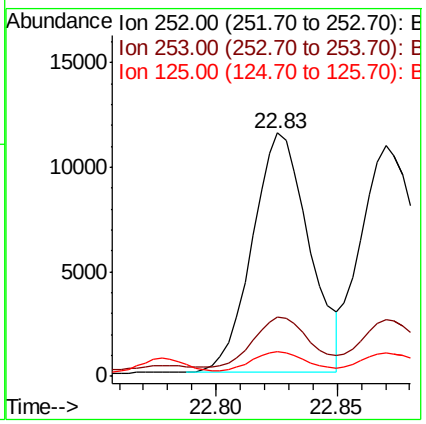


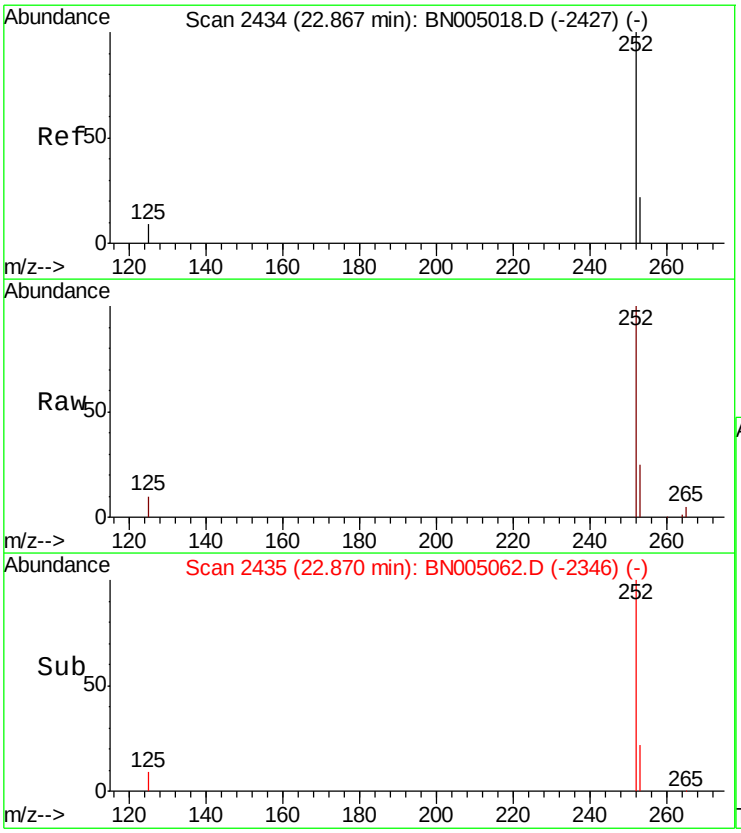
#35
Benzo(b)fluoranthene
Concen: 0.428 ng
RT: 22.83 min Scan# 2422
Delta R.T. 0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:252 Resp: 18678

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.2	28.8
125	10.3	8.2	12.2

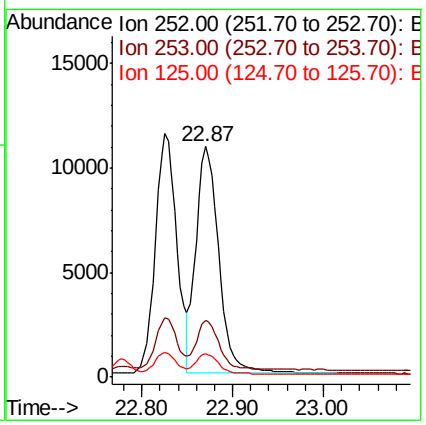


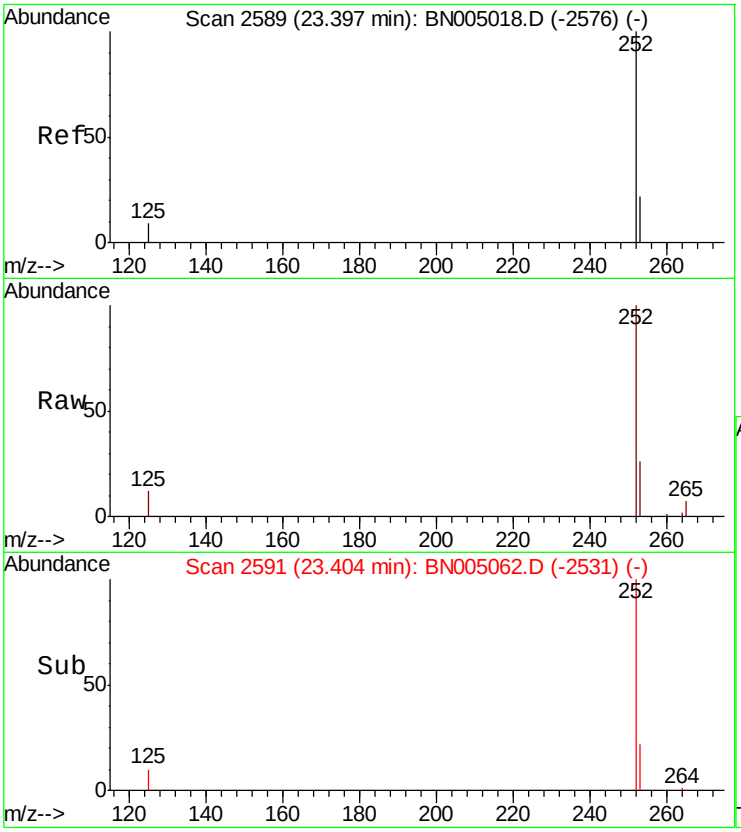


#36
Benzo(k)fluoranthene
Concen: 0.452 ng
RT: 22.87 min Scan# 2435
Delta R.T. 0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:252 Resp: 19050

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.3	28.9
125	10.3	8.2	12.2



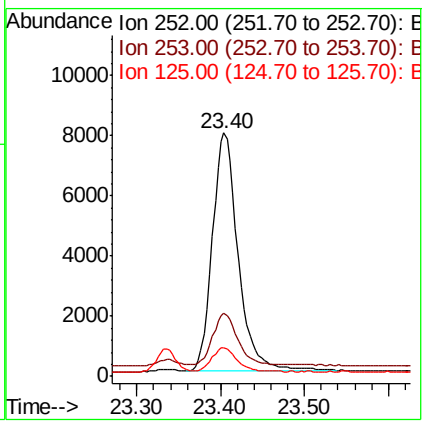


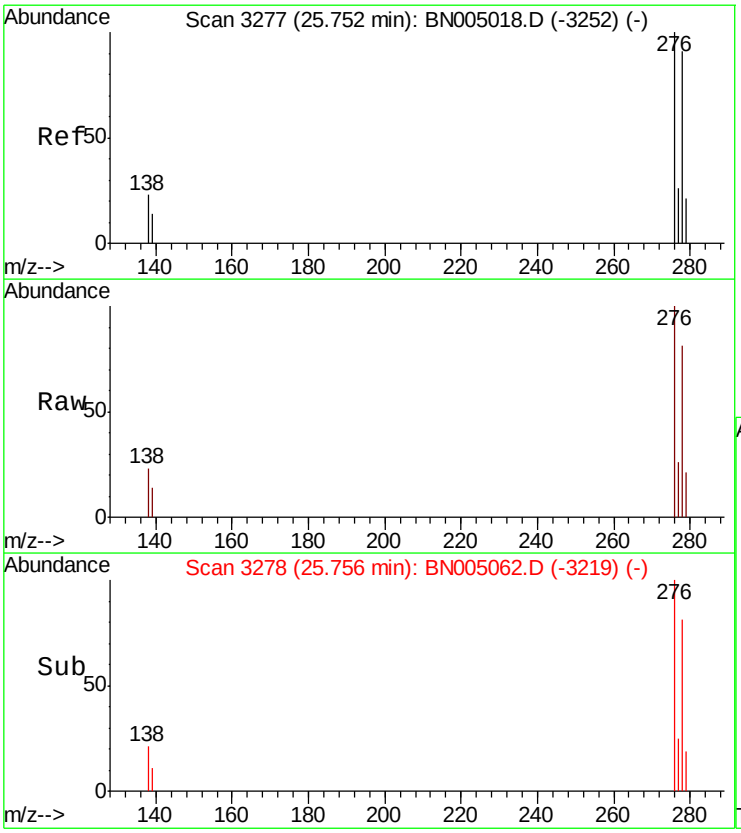
#37
Benzo(a)pyrene
Concen: 0.435 ng
RT: 23.40 min Scan# 2591
Delta R.T. 0.01 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:252 Resp: 16881

Ion	Ratio	Lower	Upper
252	100		
253	25.9	20.2	30.2
125	11.8	9.2	13.8

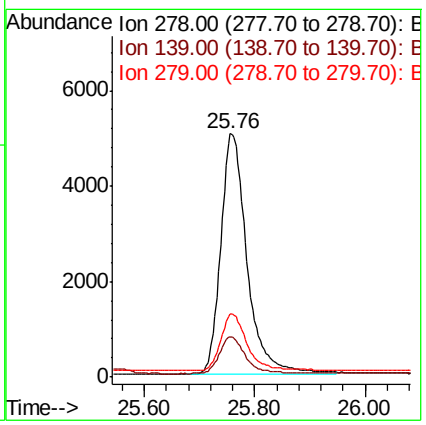


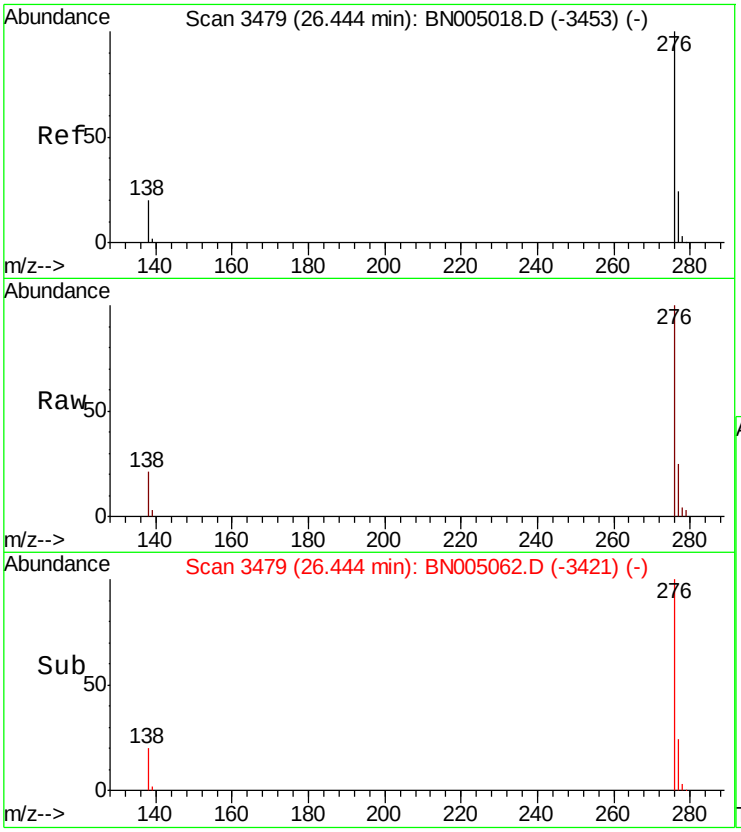


#38
Dibenzo(a,h)anthracene
Concen: 0.432 ng
RT: 25.76 min Scan# 3278
Delta R.T. 0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Tgt Ion:278 Resp: 16767

Ion	Ratio	Lower	Upper
278	100		
139	16.6	13.1	19.7
279	25.9	20.2	30.2





#39
Benzo(g,h,i)perylene
Concen: 0.438 ng
RT: 26.44 min Scan# 3479
Delta R.T. -0.00 min
Lab File: BN005062.D
Acq: 02 Apr 2019 15:21

Instrument :
BNA_N
ClientSampleId :
P001-TW001-03MSD

Tgt Ion:276 Resp: 17130

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.8	29.6
138	20.7	16.4	24.6