Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032219\
Data File : BN004912.D
Acq On : 23 Mar 2019 07:23
Operator : JU/SJ
Sample : K1817-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-027-SW015-030719

Quant Time: Mar 24 00:35:29 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	7.69	152	4530	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	19067	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	10139	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	21543	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	18276	0.40	ng		-0.01
34) Perylene-d12	23.53	264	18773	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	4997	0.41	ng		0.00
5) Phenol-d6	6.86	99	6392	0.42	ng		-0.02
8) Nitrobenzene-d5	8.86	82	5030	0.40	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	9726	0.29	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	2128	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	13345	0.32	ng		-0.01
25) Fluoranthene-d10	19.12	212	14960	0.21	ng		-0.01
29) Terphenyl-d14	19.72	244	10544	0.28	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.52	128	15036	0.281	ng		99
12) 2-Methylnaphthalene	12.14	142	13022	0.328	ng		100
16) Acenaphthylene	14.05	152	11924	0.228	ng	#	94
17) Acenaphthene	14.39	154	70807	2.070	ng		99
18) Fluorene	15.38	166	64343	1.348	ng	#	98
23) Phenanthrene	17.12	178	932764	13.409	ng		99
24) Anthracene	17.22	178	238804	3.844	ng	#	93
26) Fluoranthene	19.15	202	960576	10.745	ng		99
28) Pyrene	19.51	202	765314	13.734	ng	#	93
30) Benzo(a)anthracene	21.26	228	418585	6.984	ng		97
31) Chrysene	21.31	228	324376	5.138	ng		96
32) Bis(2-ethylhexyl)phthalate	21.17	149	40006	1.671	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	161083	1.763	ng		99
35) Benzo(b)fluoranthene	22.85	252	379084	5.582	ng		99
36) Benzo(k)fluoranthene	22.85	252	379084	5.674	ng		98
37) Benzo(a)pyrene	23.43	252	276929	4.445	ng		98
38) Dibenzo(a,h)anthracene	25.79	278	49282	0.683	ng	#	88
39) Benzo(g,h,i)perylene	26.49	276	140742	1.914	ng		99

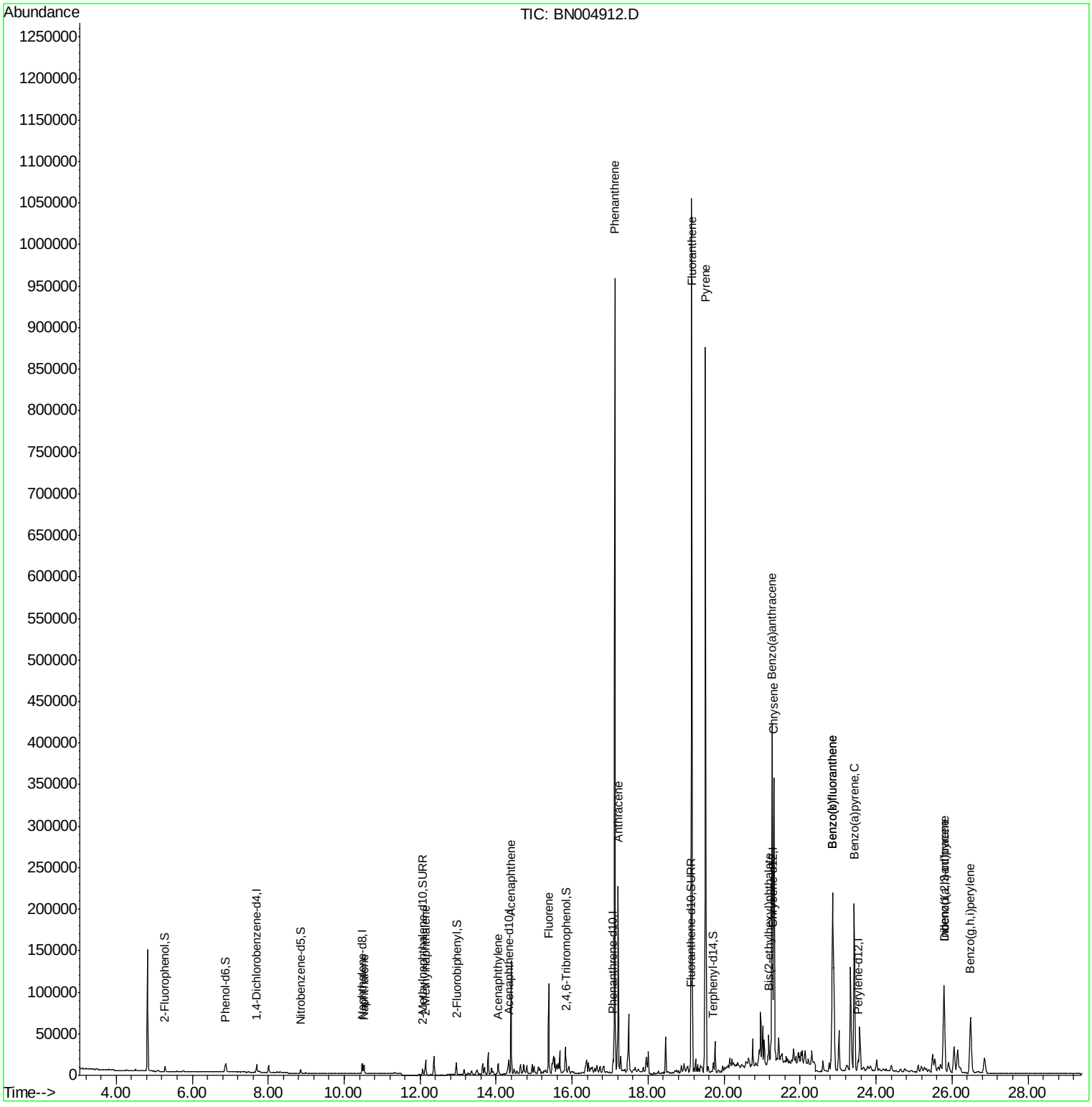
(#) = qualifier out of range (m) = manual integration (+) = signals summed

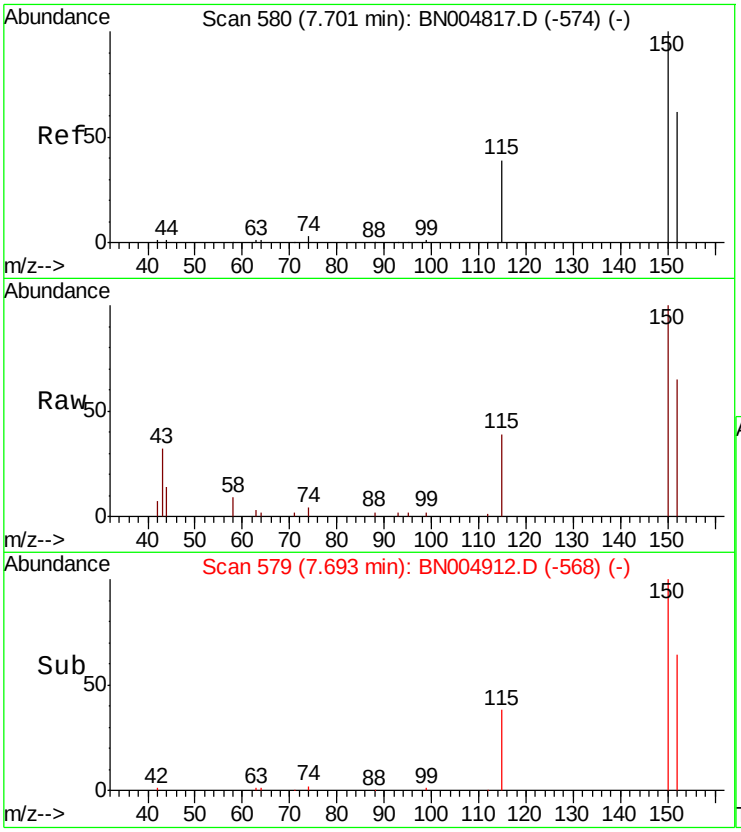
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032219\
Data File : BN004912.D
Acq On : 23 Mar 2019 07:23
Operator : JU/SJ
Sample : K1817-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Quant Time: Mar 23 10:48:28 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



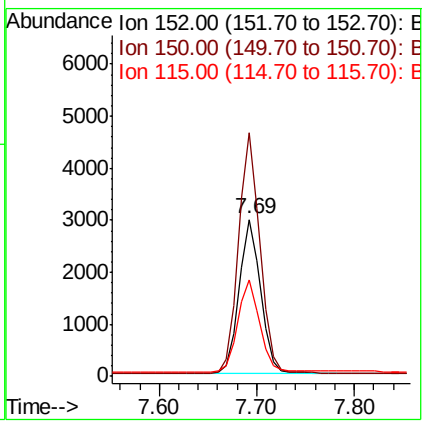


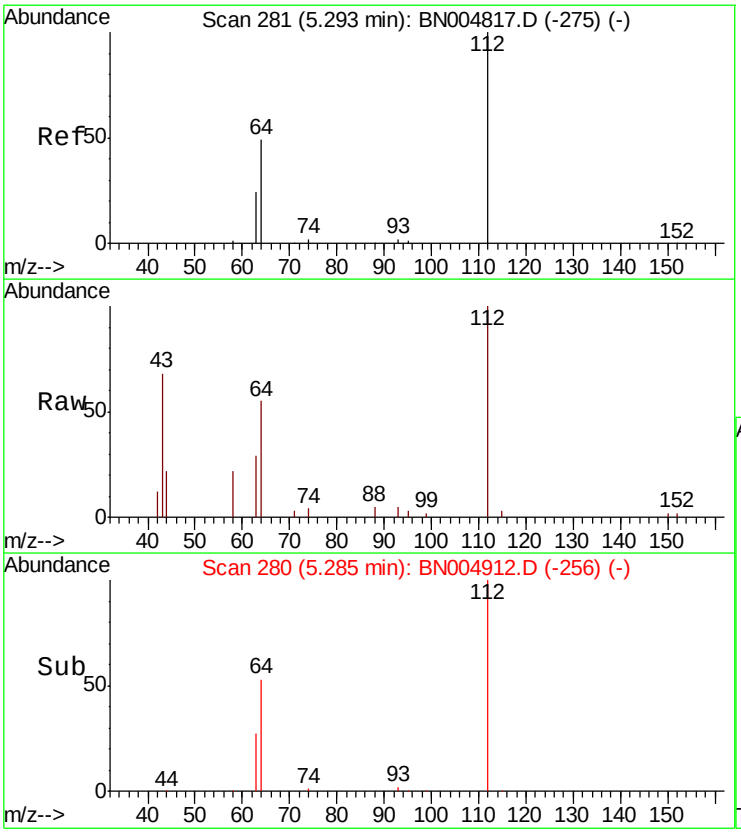
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:152 Resp: 4530

Ion	Ratio	Lower	Upper
152	100		
150	155.0	126.2	189.4
115	61.1	52.6	79.0

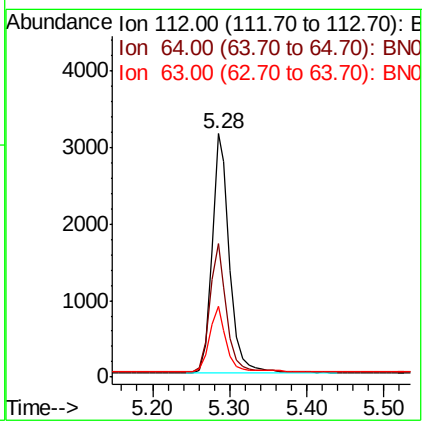


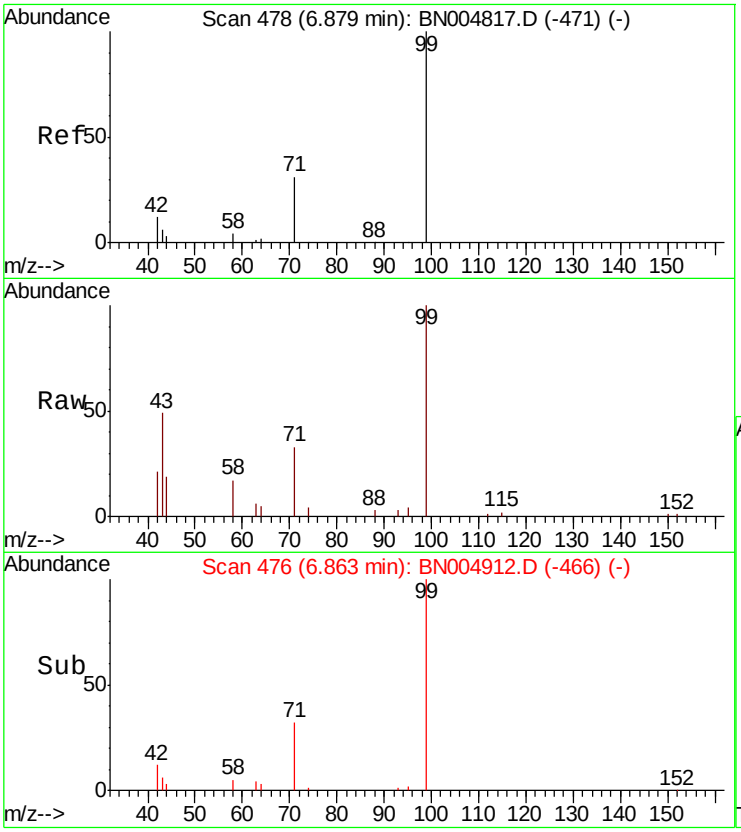


#4
2-Fluorophenol
Concen: 0.406 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:112 Resp: 4997

Ion	Ratio	Lower	Upper
112	100		
64	51.5	40.0	60.0
63	26.5	20.2	30.2



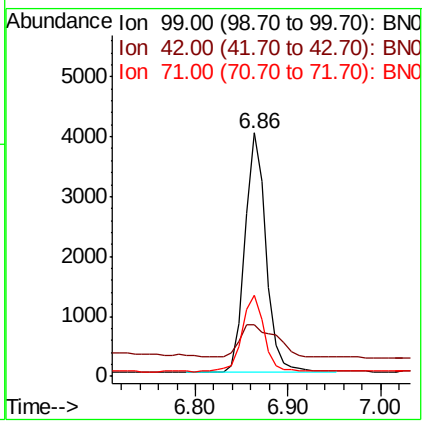


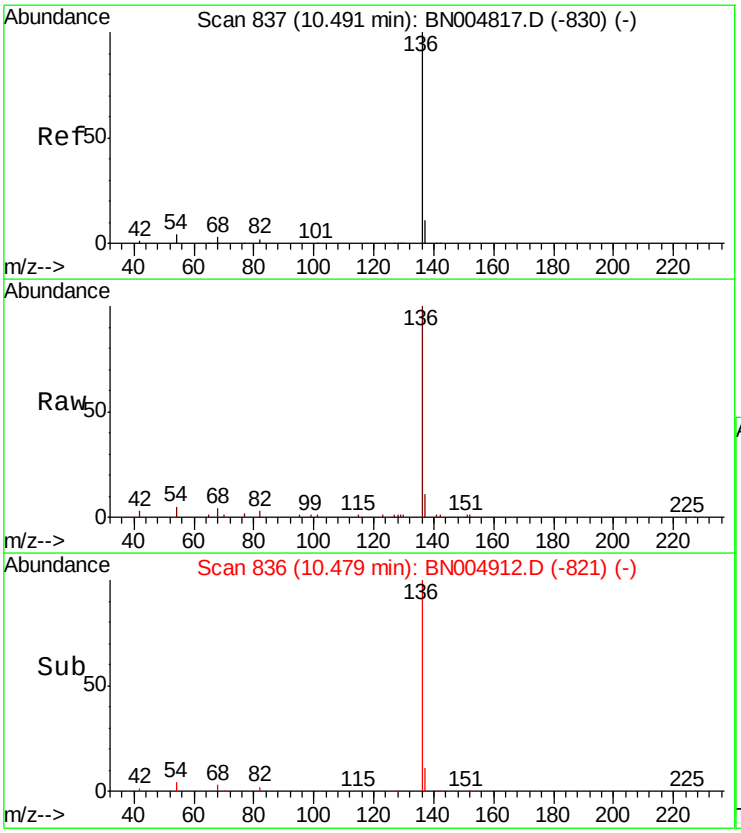
#5
Phenol-d6
Concen: 0.417 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion: 99 Resp: 6392

Ion	Ratio	Lower	Upper
99	100		
42	22.5	12.7	19.1#
71	32.5	26.6	40.0

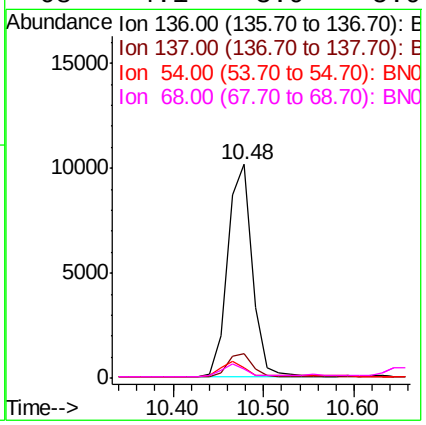


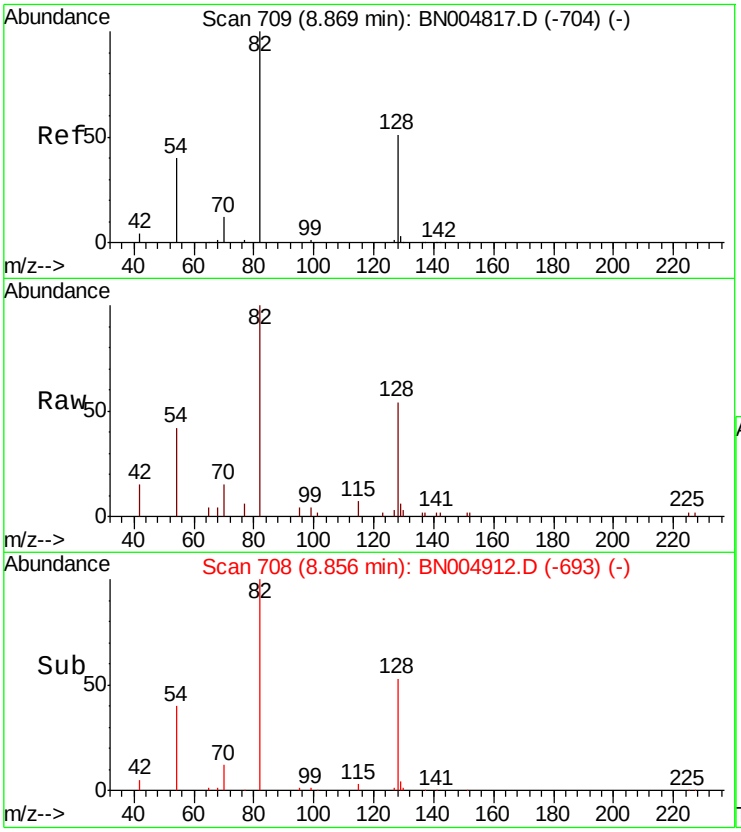


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:136 Resp: 19067

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	4.6	4.2	6.2
68	4.1	3.9	5.9



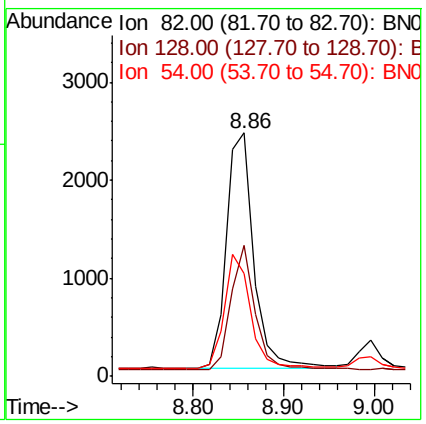


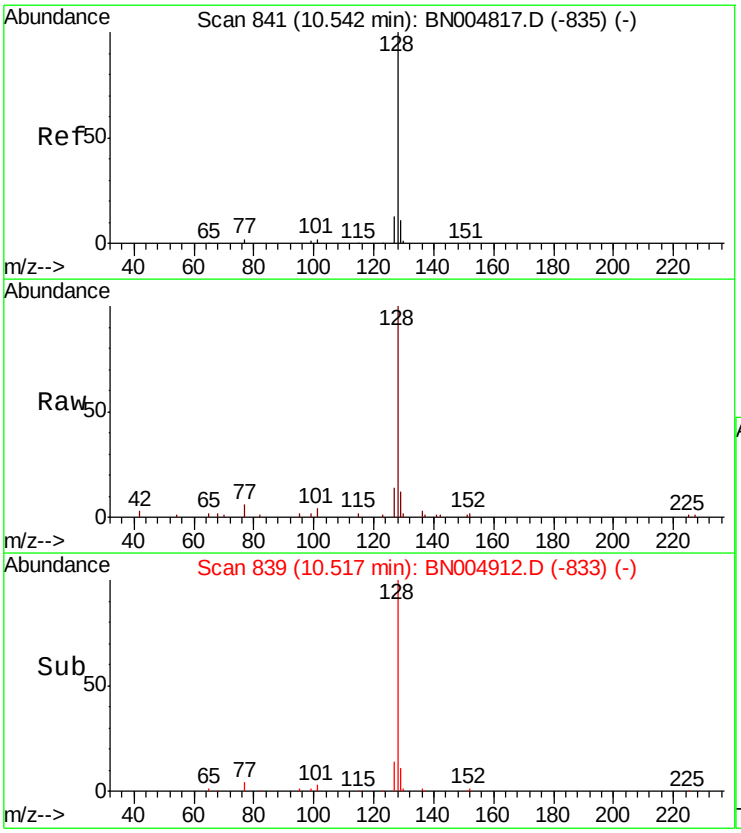
#8
Nitrobenzene-d5
Concen: 0.399 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion: 82 Resp: 5030

Ion	Ratio	Lower	Upper
82	100		
128	53.9	43.0	64.6
54	42.2	35.3	52.9

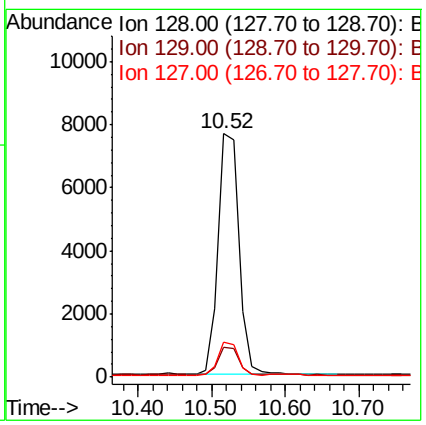


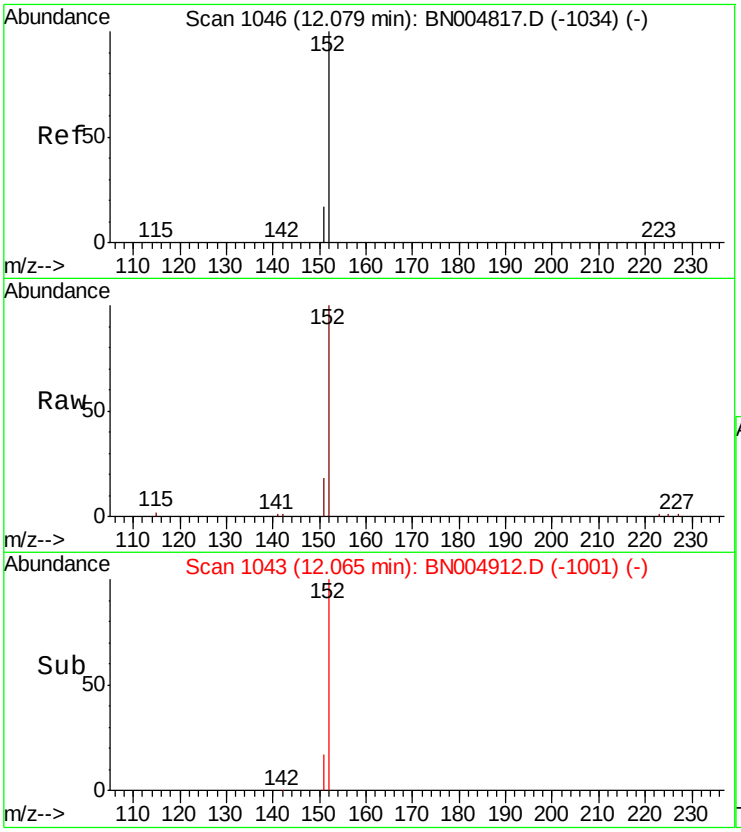


#9
Naphthalene
Concen: 0.281 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:128 Resp: 15036

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.9	14.9
127	14.3	11.3	16.9



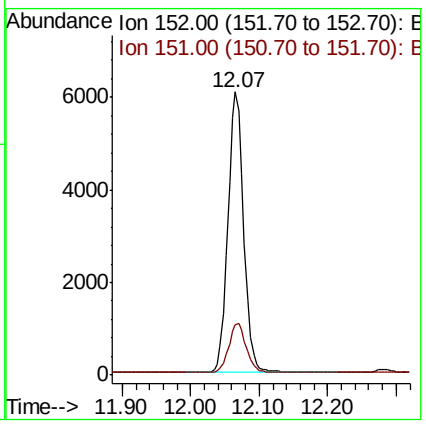


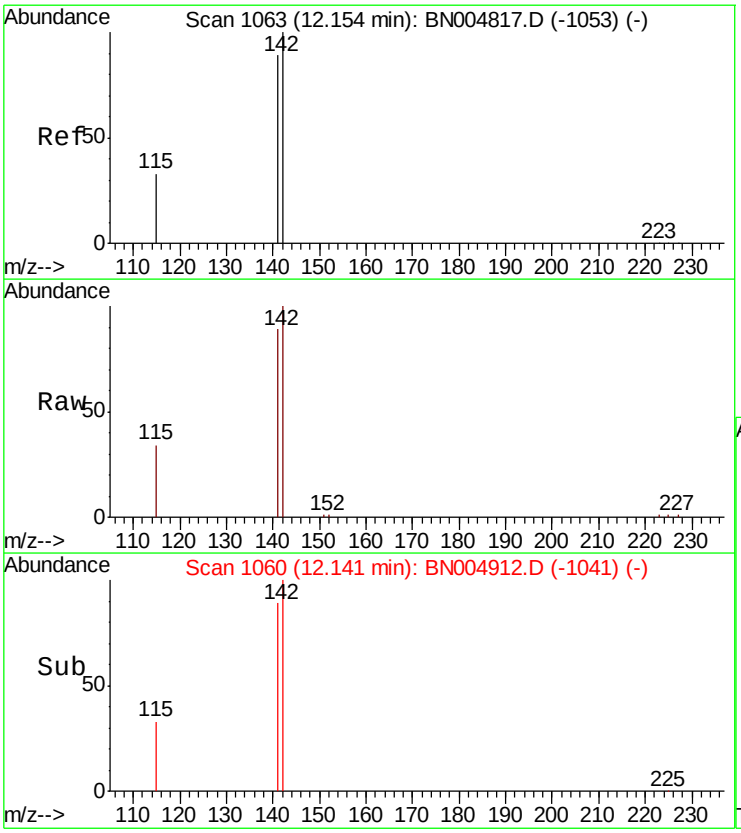
#11
2-Methylnaphthalene-d10
Concen: 0.292 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:152 Resp: 9726

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3

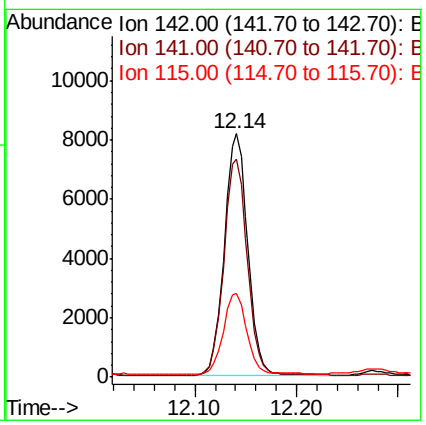


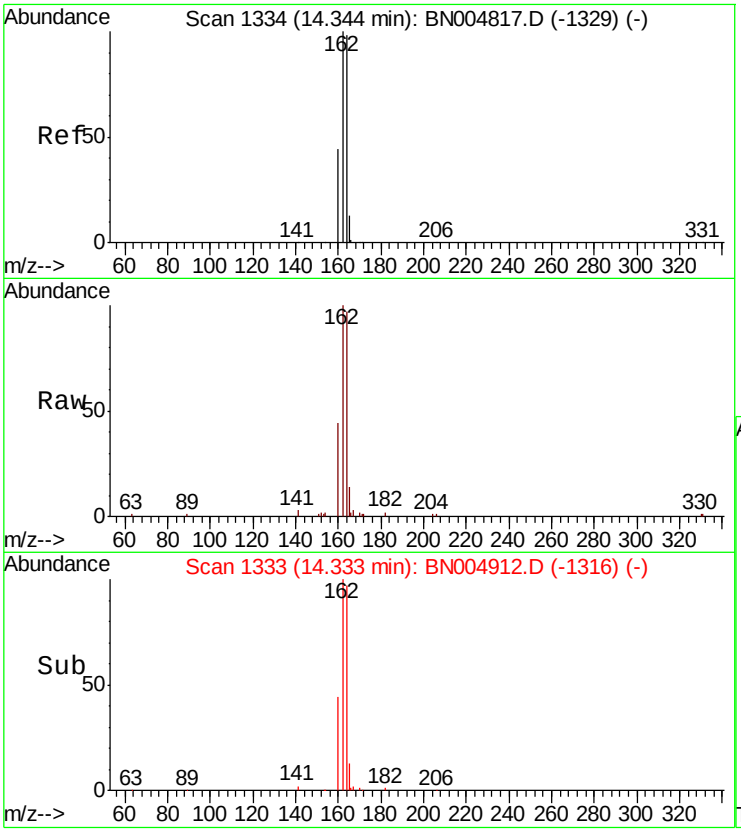


#12
2-Methylnaphthalene
Concen: 0.328 ng
RT: 12.14 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:142 Resp: 13022

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2
115	34.3	27.5	41.3



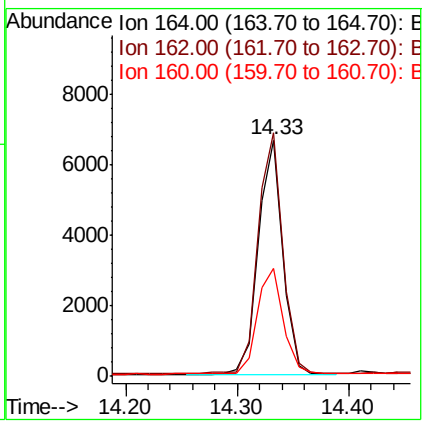


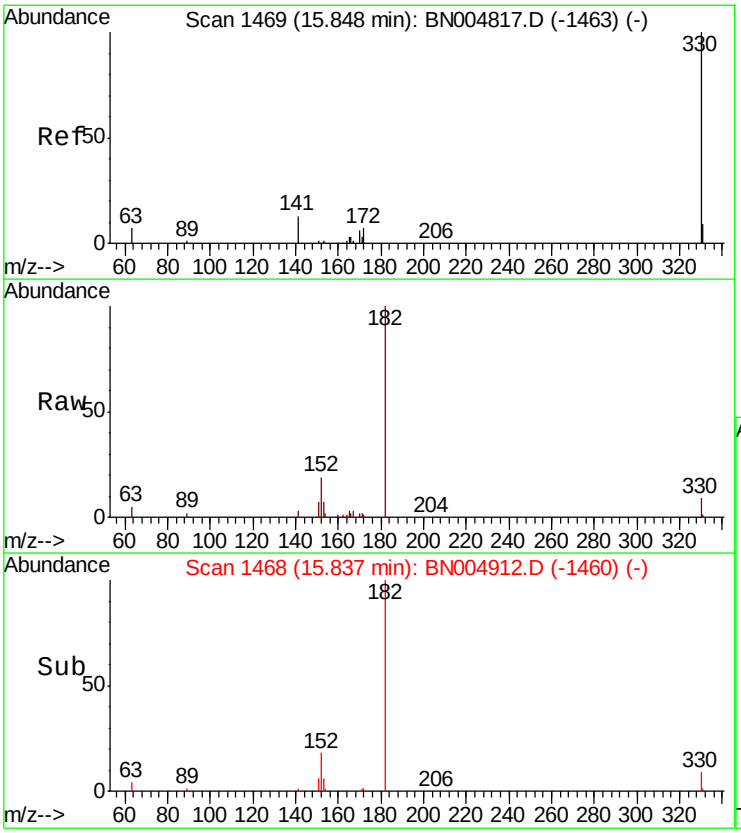
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:164 Resp: 10139

Ion	Ratio	Lower	Upper
164	100		
162	103.0	81.9	122.9
160	45.8	36.6	54.8

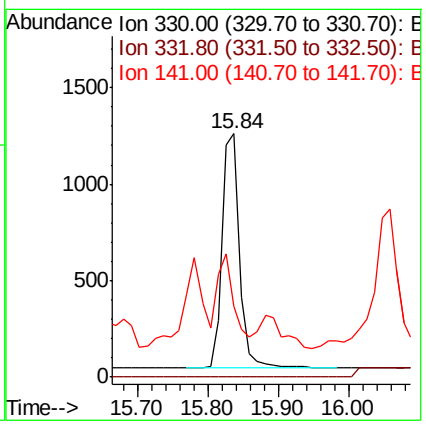


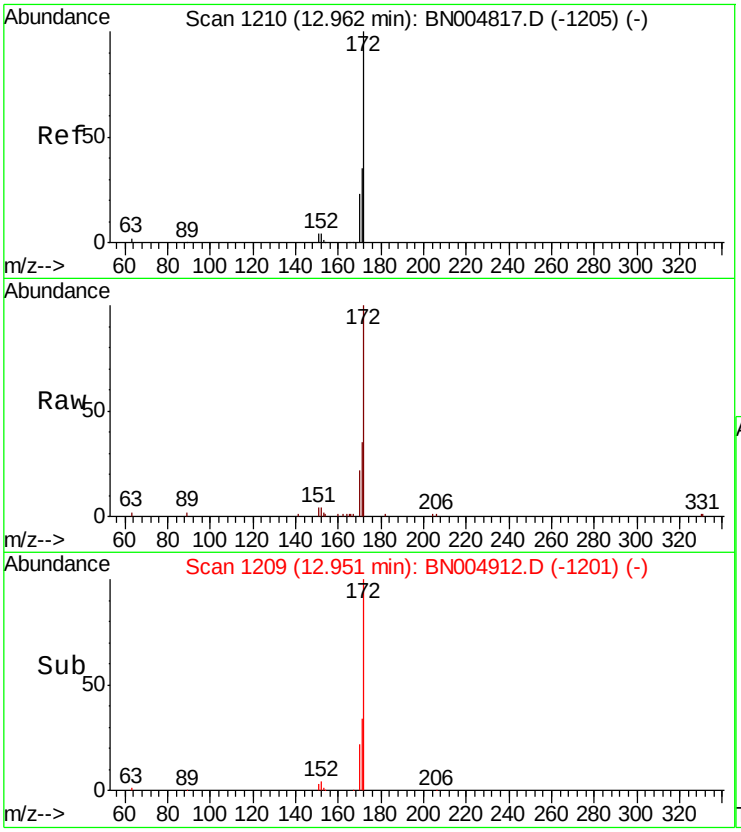


#14
2,4,6-Tribromophenol
Concen: 0.304 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:330 Resp: 2128

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



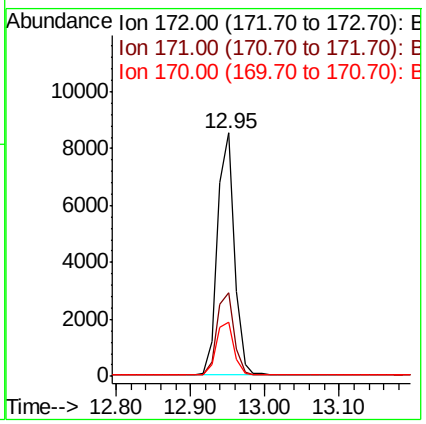


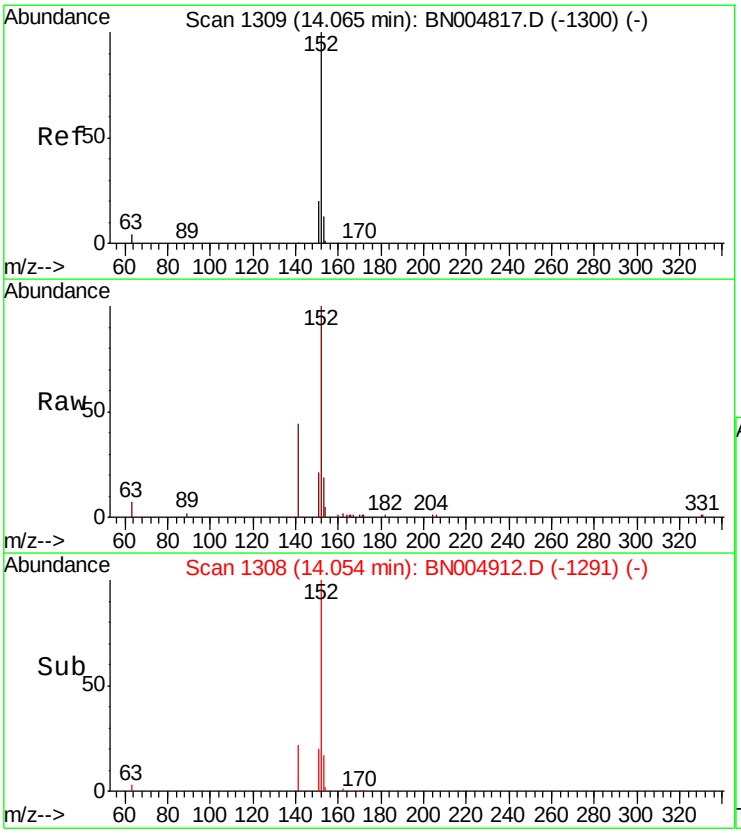
#15
2-Fluorobiphenyl
Concen: 0.318 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:172 Resp: 13345

Ion	Ratio	Lower	Upper
172	100		
171	34.6	28.7	43.1
170	22.1	18.7	28.1

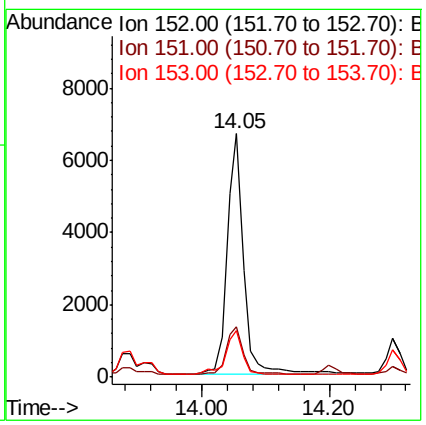


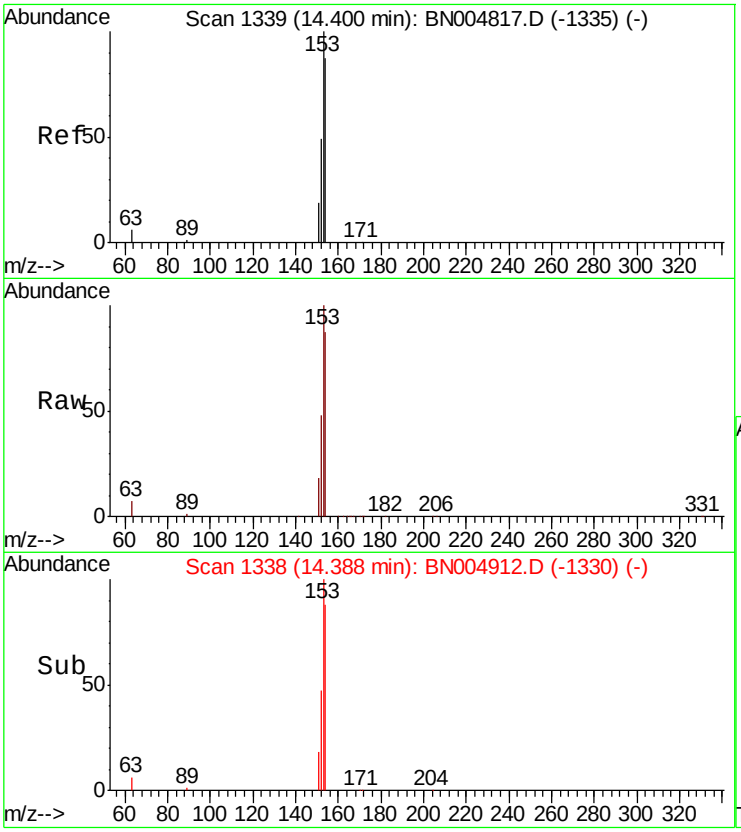


#16
Acenaphthylene
Concen: 0.228 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:152 Resp: 11924

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	18.9	10.5	15.7#



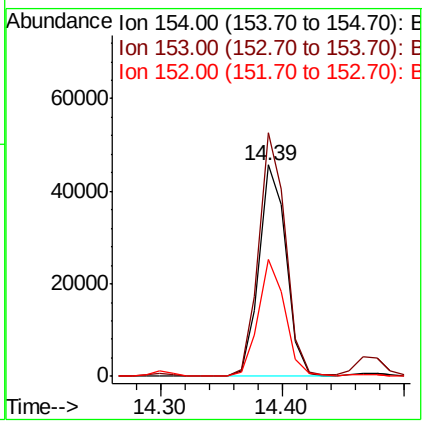


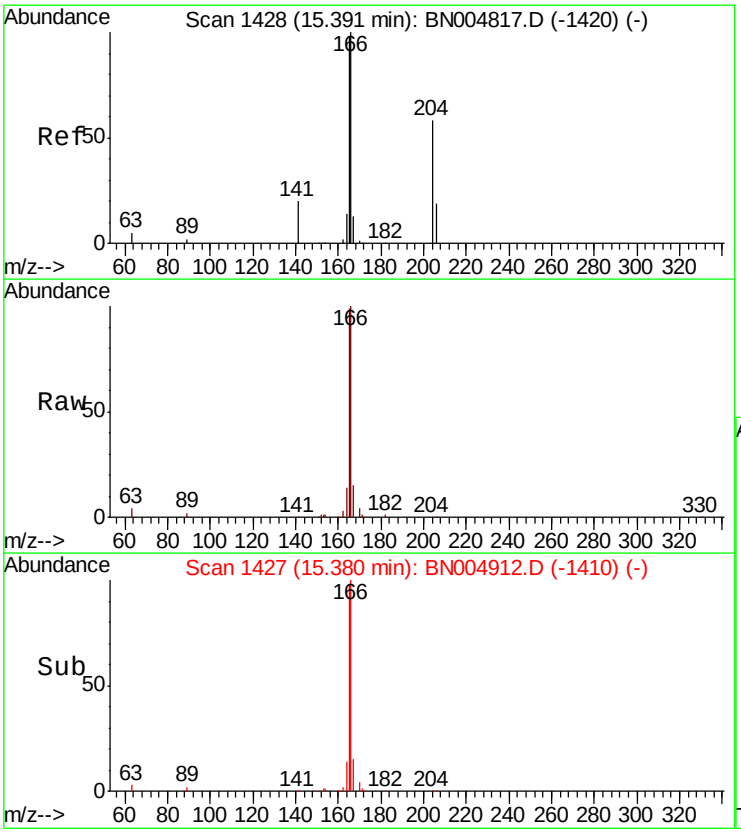
#17
Acenaphthene
Concen: 2.070 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:154 Resp: 70807

Ion	Ratio	Lower	Upper
154	100		
153	113.9	91.4	137.2
152	54.3	44.2	66.2

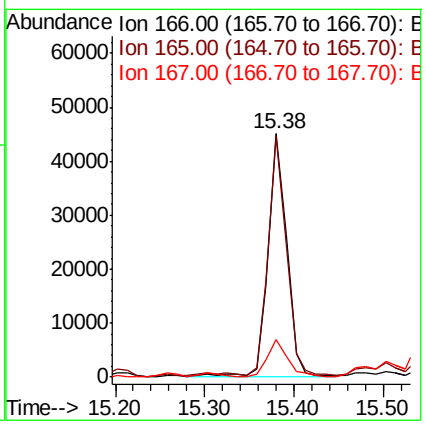


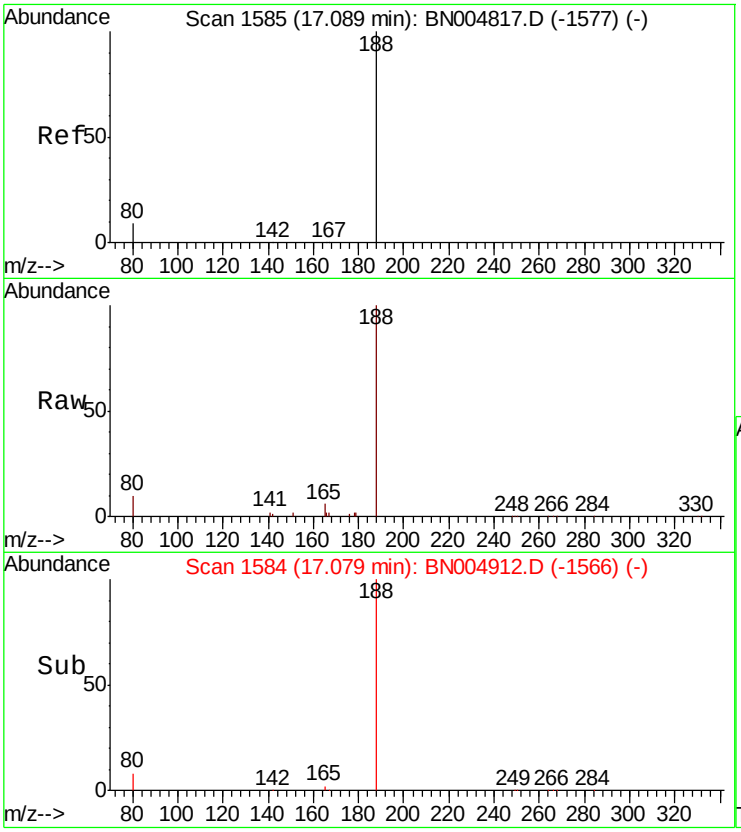


#18
Fluorene
Concen: 1.348 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:166 Resp: 64343

Ion	Ratio	Lower	Upper
166	100		
165	96.2	78.2	117.4
167	16.5	11.0	16.4#



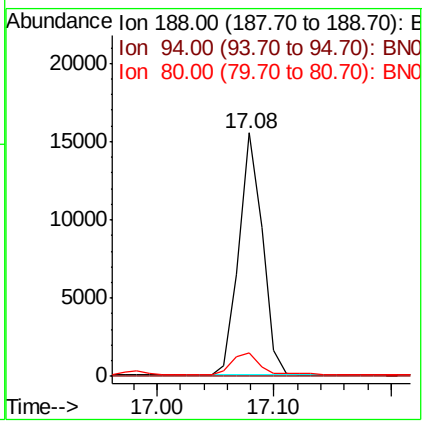


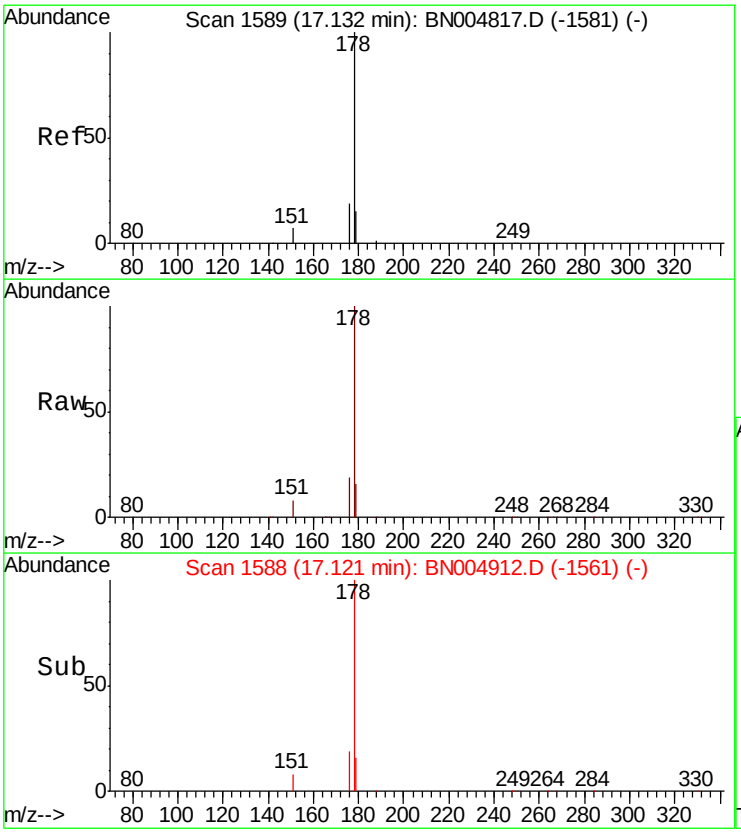
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:188 Resp: 21543

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.6	7.4	11.2

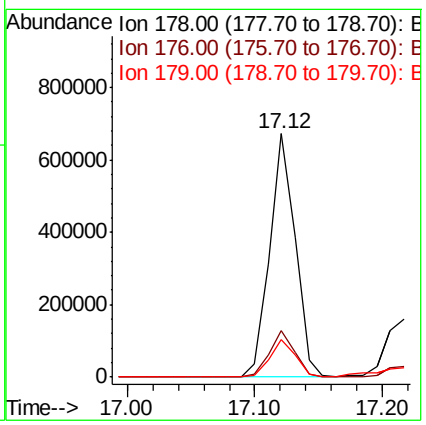


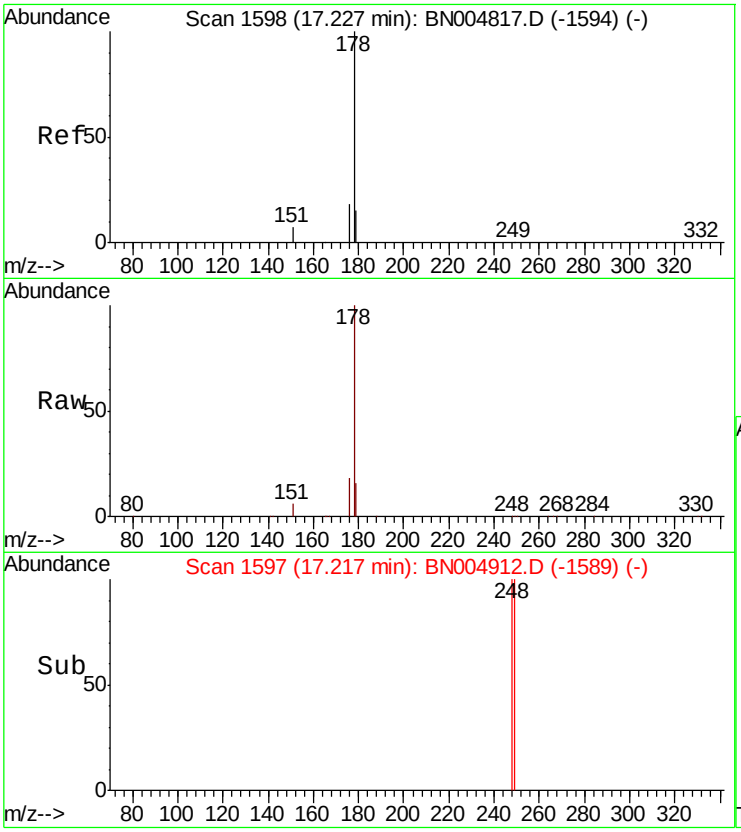


#23
Phenanthrene
Concen: 13.409 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:178 Resp: 932764

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.6	12.1	18.1



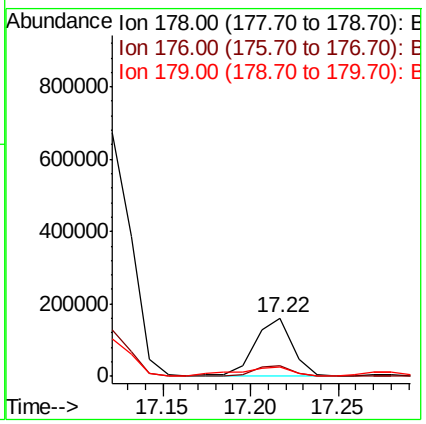


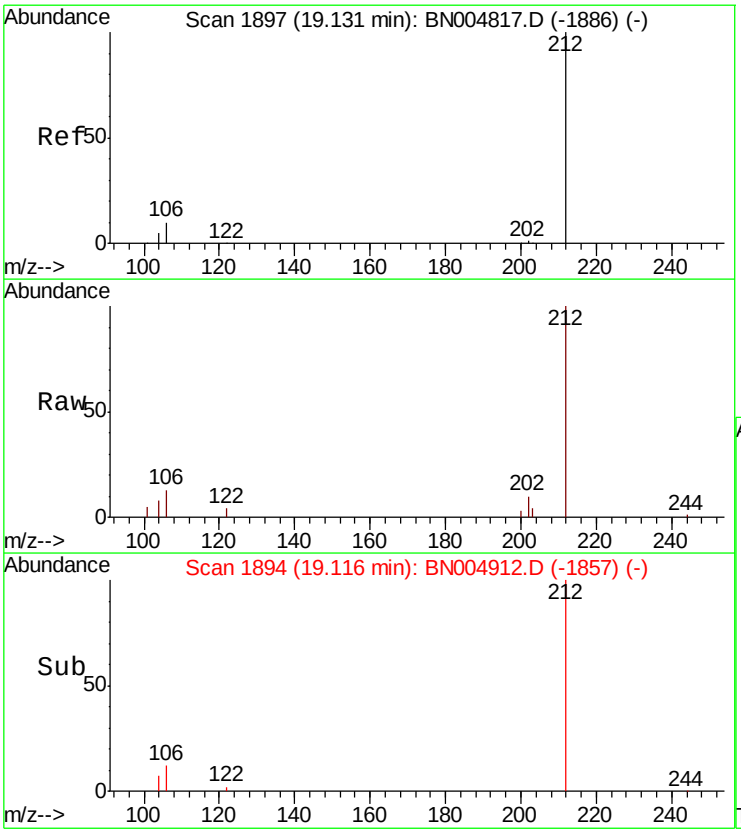
#24
Anthracene
Concen: 3.844 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:178 Resp: 238804

Ion	Ratio	Lower	Upper
178	100		
176	17.9	14.5	21.7
179	21.8	12.2	18.4#

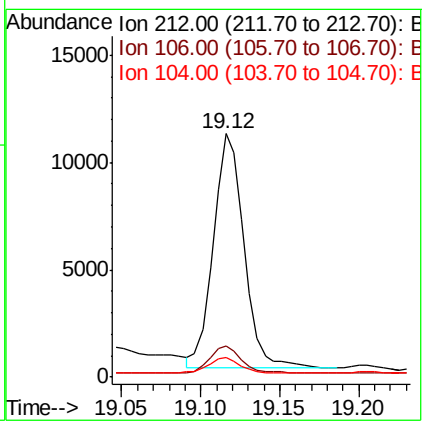


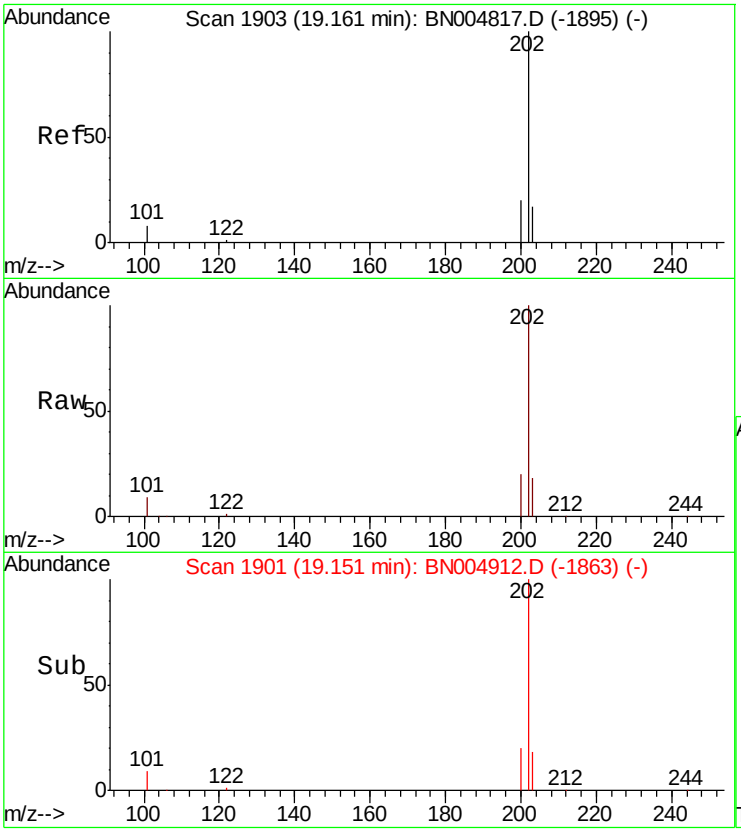


#25
Fluoranthene-d10
Concen: 0.207 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:212 Resp: 14960

Ion	Ratio	Lower	Upper
212	100		
106	11.9	8.6	13.0
104	7.0	4.7	7.1



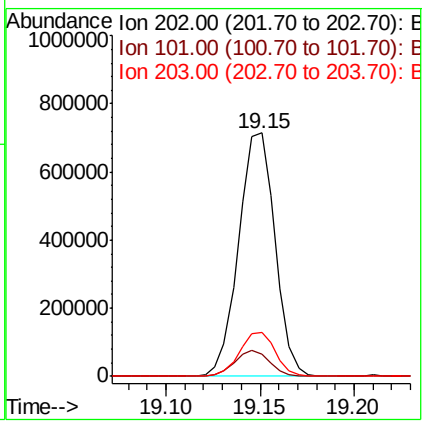


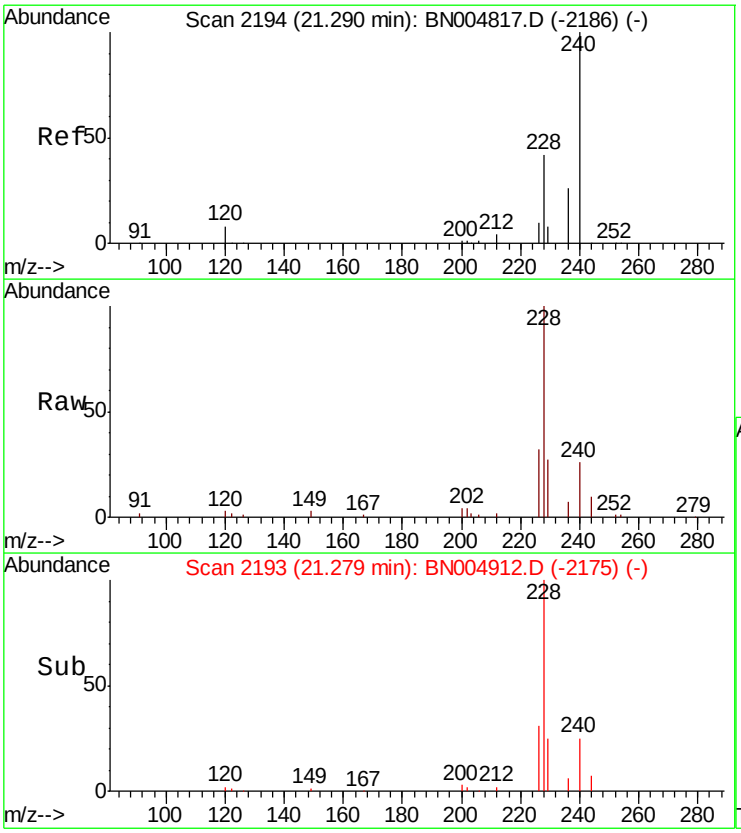
#26
Fluoranthene
Concen: 10.745 ng
RT: 19.15 min Scan# 1901
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:202 Resp: 960576

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.5	11.3
203	17.7	13.8	20.6

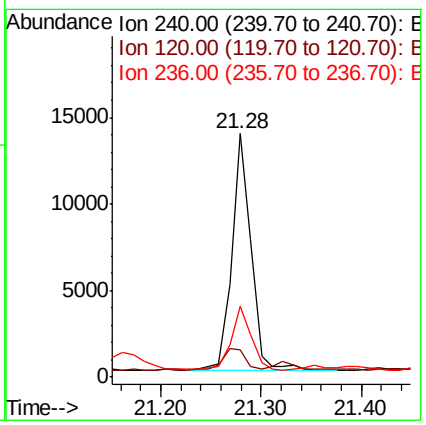


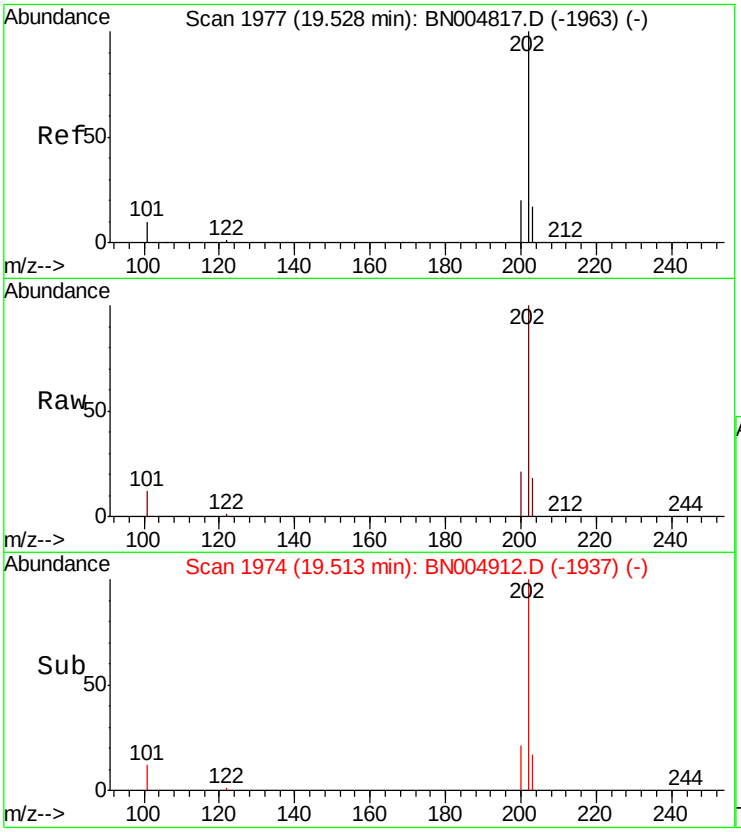


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:240 Resp: 18276

Ion	Ratio	Lower	Upper
240	100		
120	11.5	7.2	10.8#
236	29.1	20.9	31.3



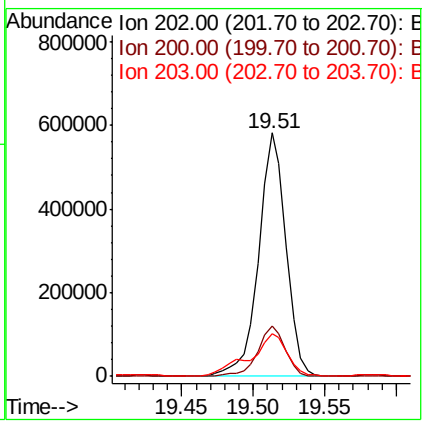


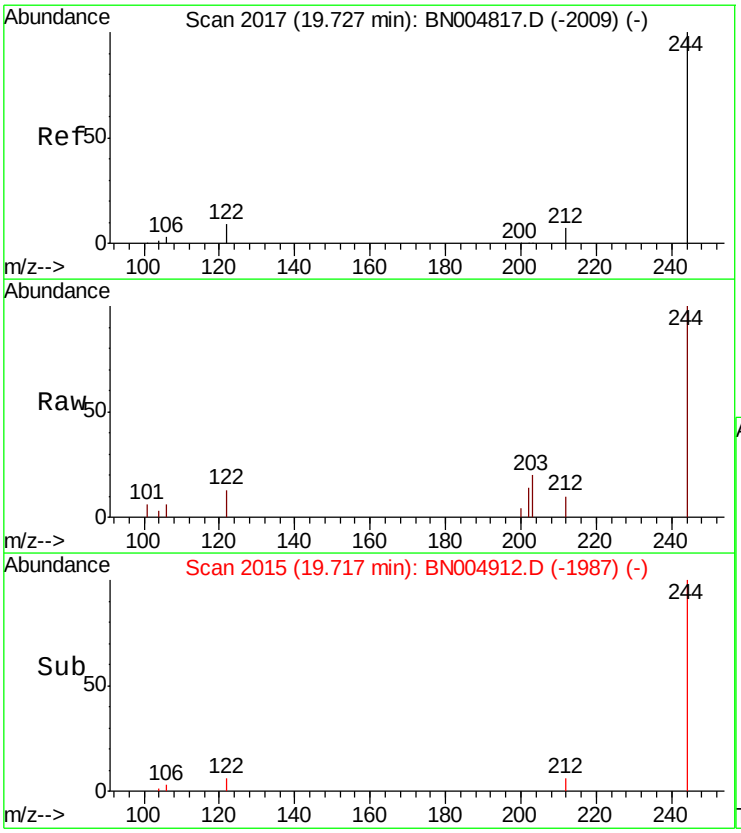
#28
Pyrene
Concen: 13.734 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:202 Resp: 765314

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	23.9	14.0	21.0#

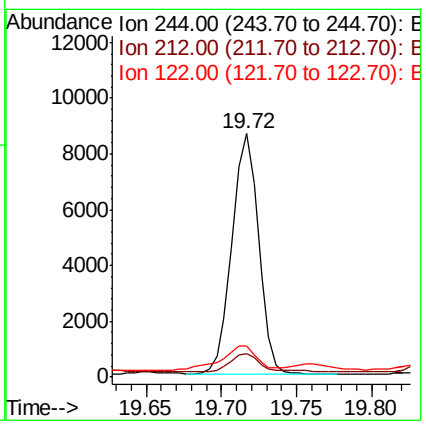


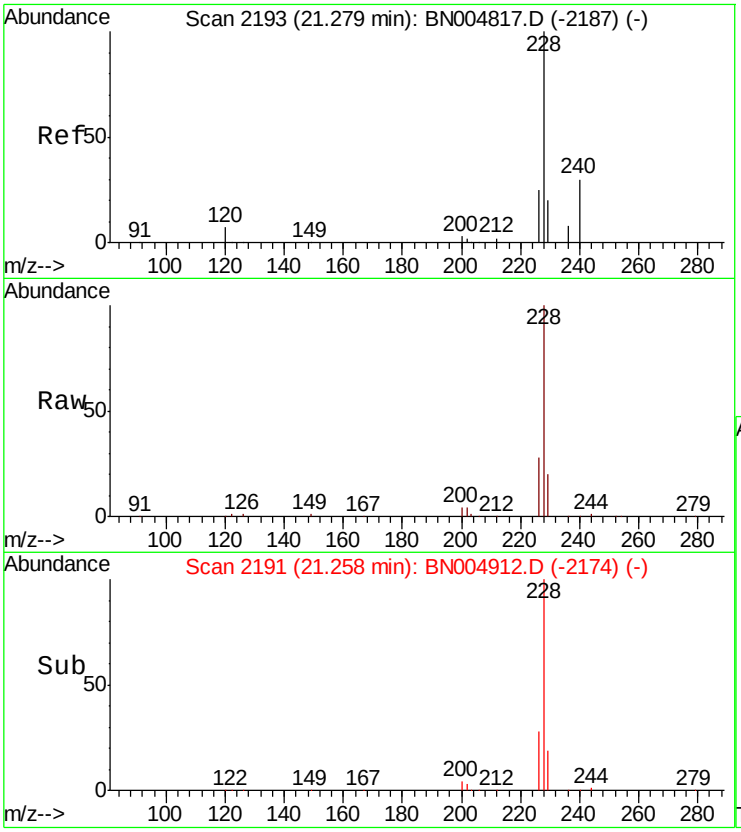


#29
Terphenyl-d14
Concen: 0.282 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:244 Resp: 10544

Ion	Ratio	Lower	Upper
244	100		
212	9.5	5.8	8.6#
122	12.6	7.9	11.9#



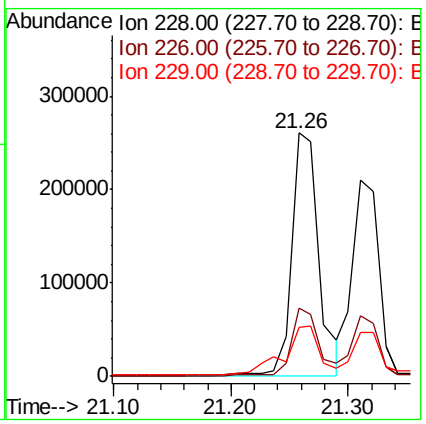


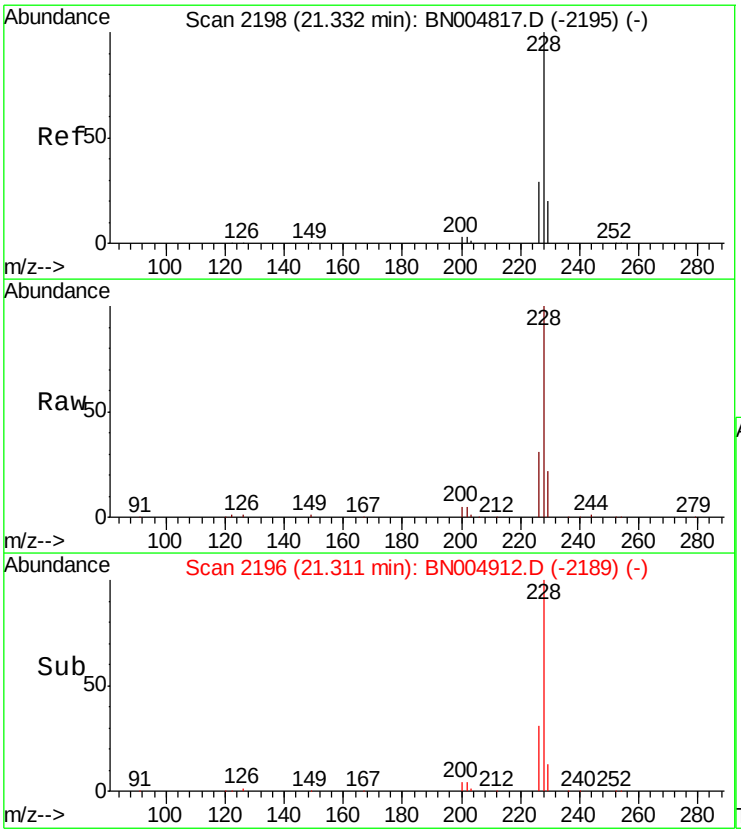
#30
Benzo(a)anthracene
Concen: 6.984 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:228 Resp: 418585

Ion	Ratio	Lower	Upper
228	100		
226	27.8	20.6	31.0
229	20.0	16.2	24.4

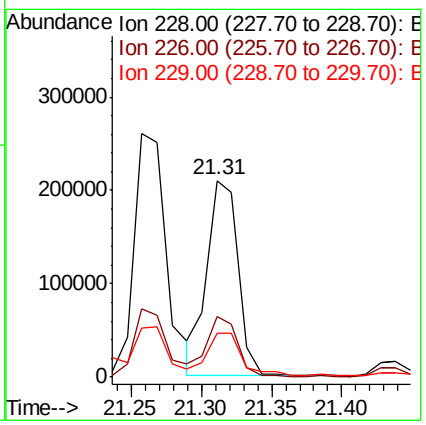


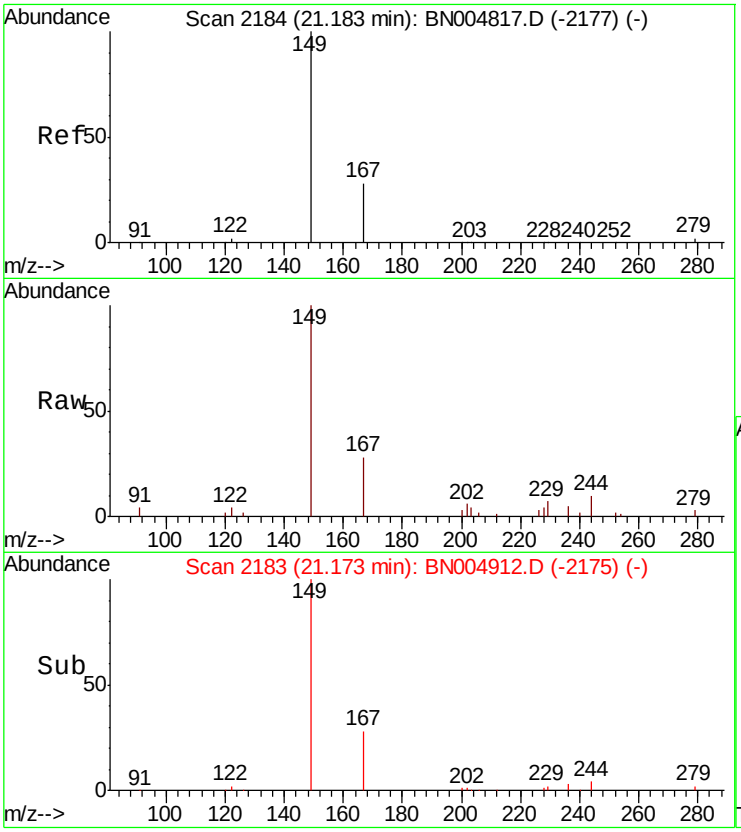


#31
Chrysene
Concen: 5.138 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:228 Resp: 324376

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.0	34.6
229	22.1	16.2	24.2



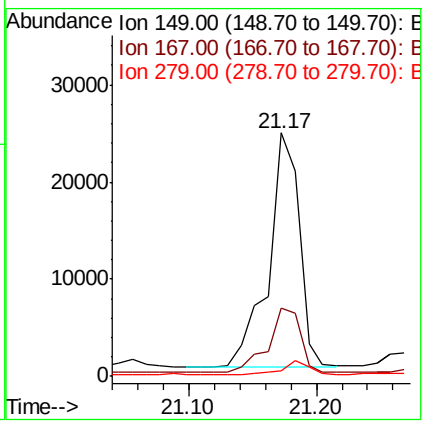


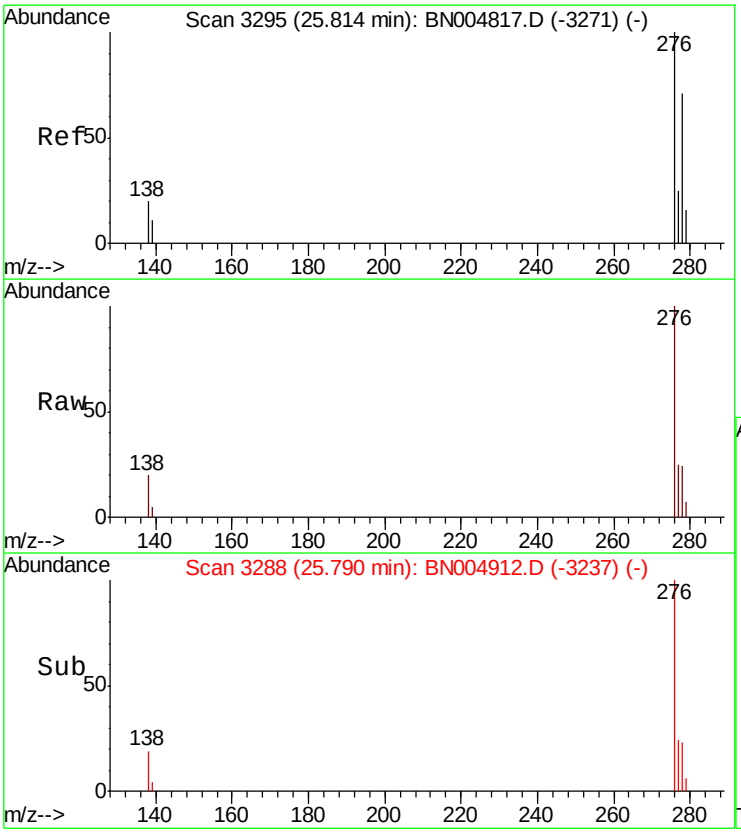
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.671 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:149 Resp: 40006

Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.0	34.4
279	4.6	4.6	6.8

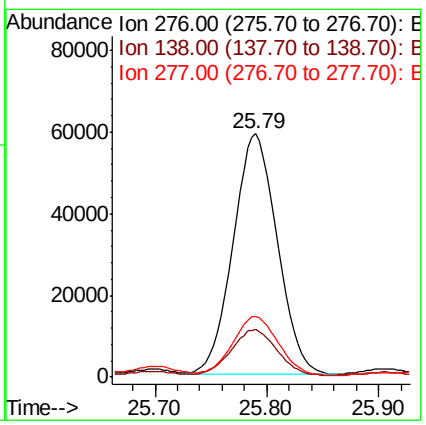


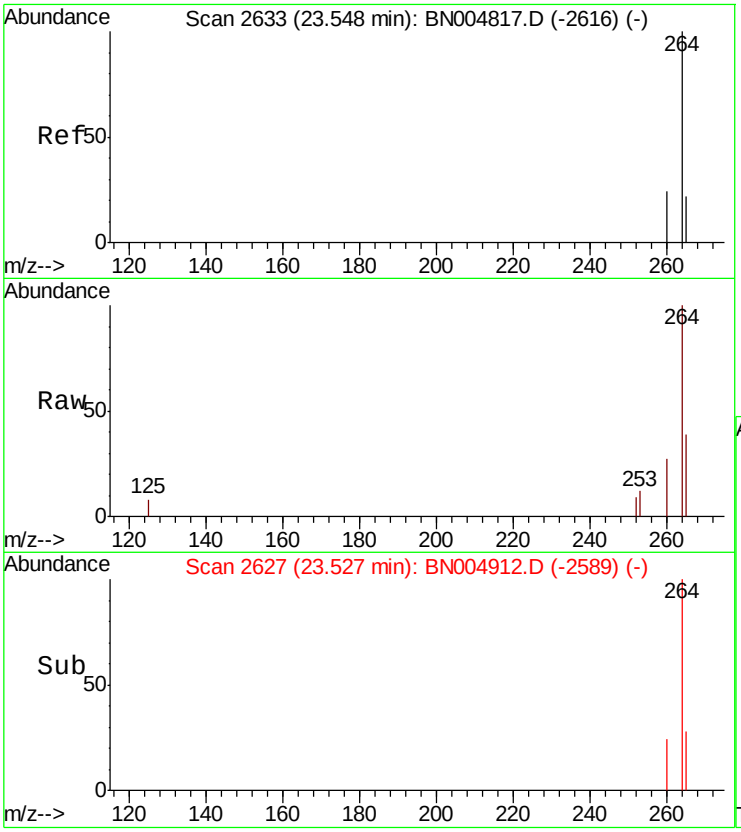


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.763 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.02 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:276 Resp: 161083

Ion	Ratio	Lower	Upper
276	100		
138	19.5	16.6	24.8
277	25.2	20.3	30.5



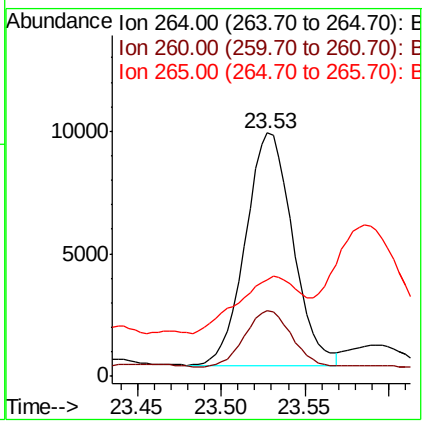


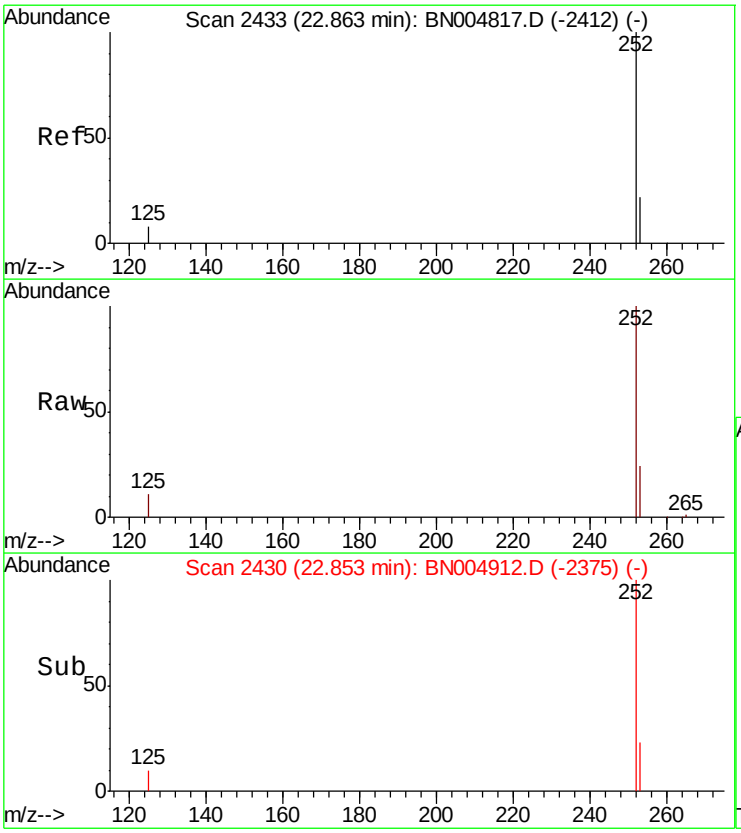
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:264 Resp: 18773

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.5	29.3
265	39.5	23.1	34.7#

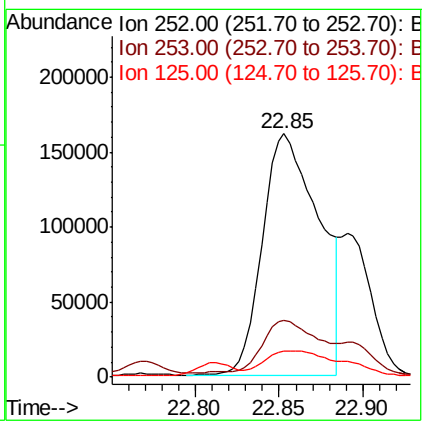


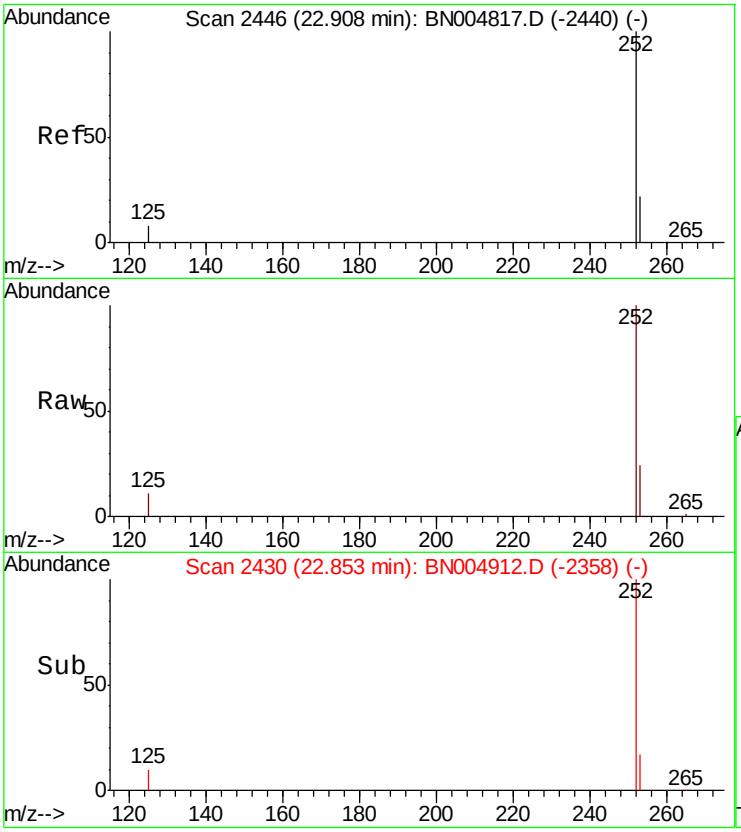


#35
Benzo(b)fluoranthene
Concen: 5.582 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:252 Resp: 379084

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.0	28.4
125	10.6	7.4	11.2



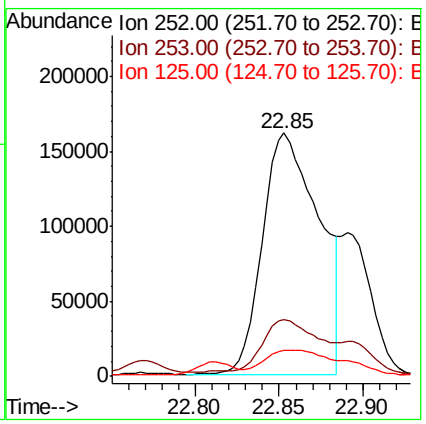


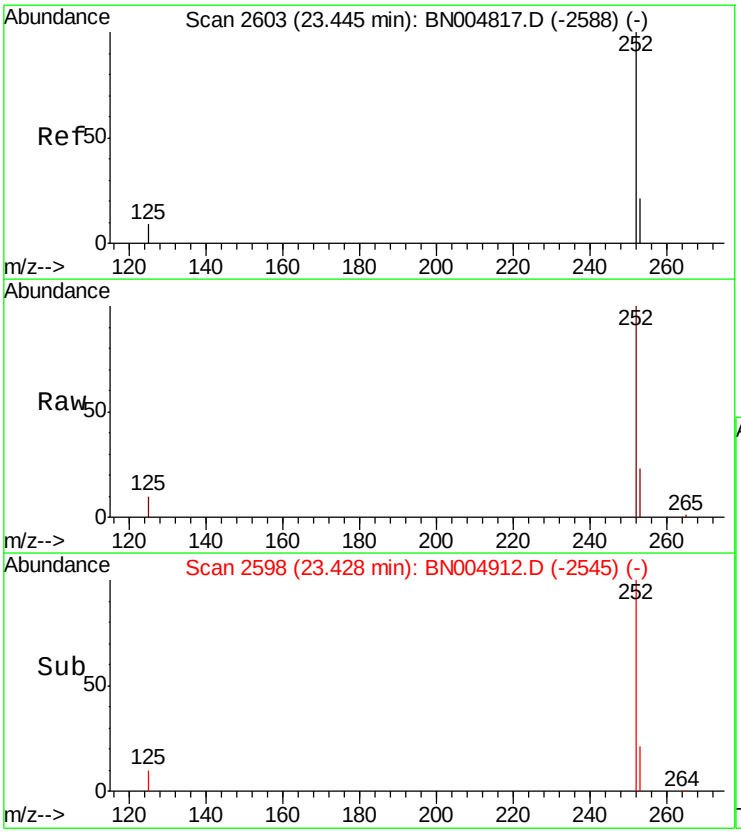
#36
Benzo(k)fluoranthene
Concen: 5.674 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.05 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:252 Resp: 379084

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.3	28.9
125	10.6	7.4	11.0

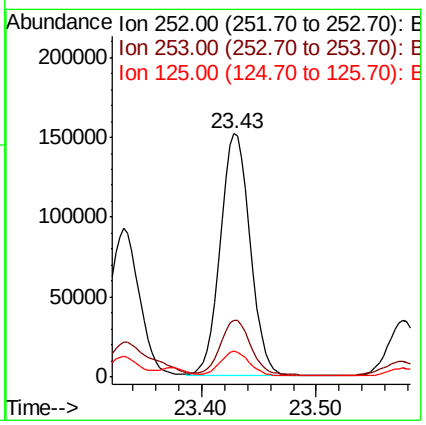


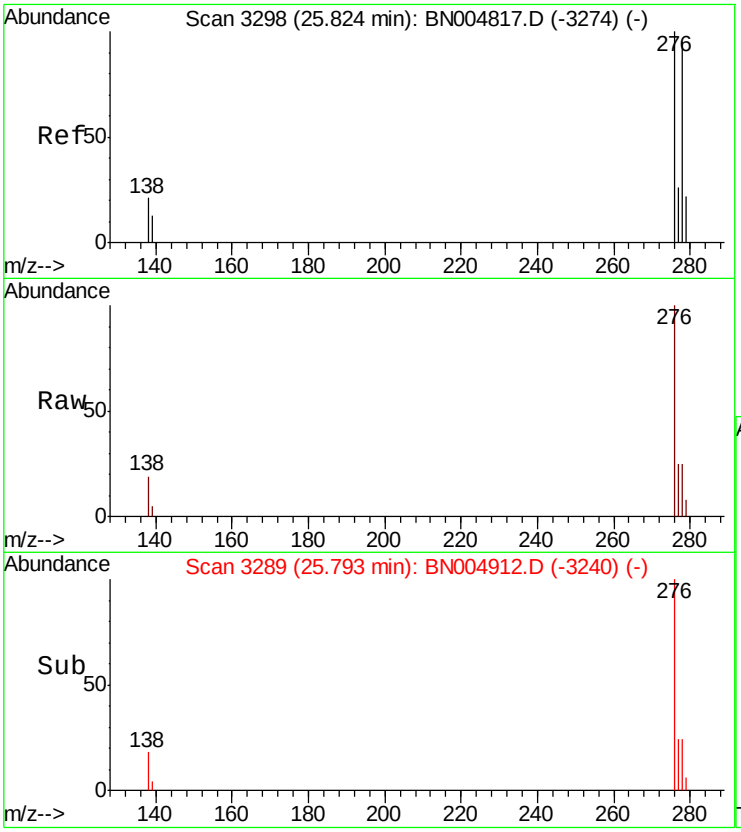


#37
Benzo(a)pyrene
Concen: 4.445 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:252 Resp: 276929

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.7	29.5
125	10.5	8.3	12.5



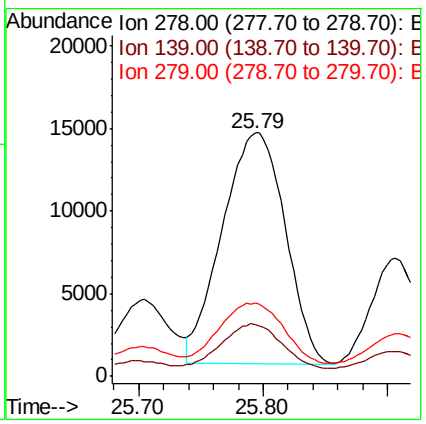


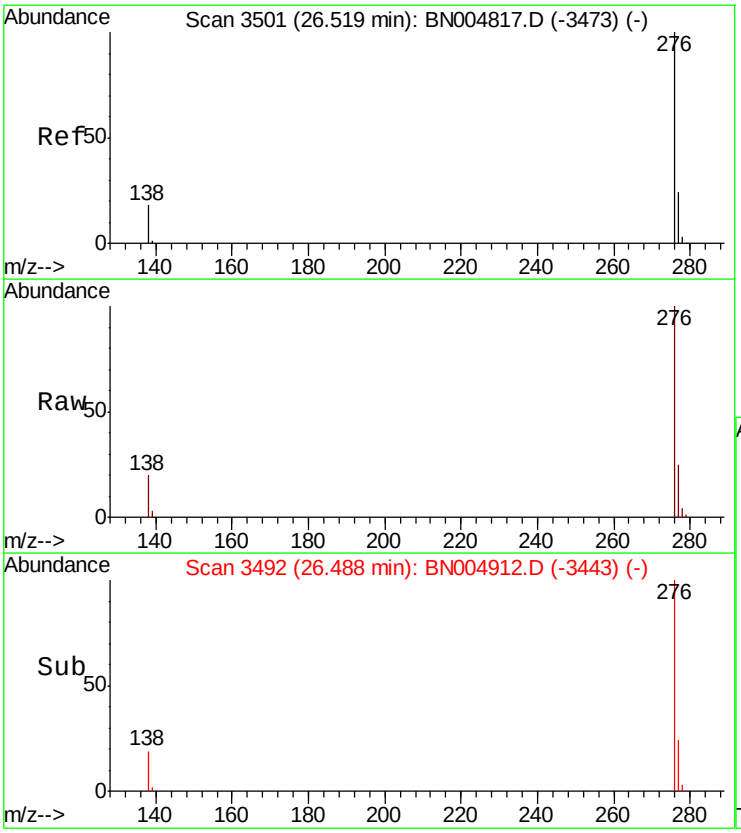
#38
Dibenzo(a,h)anthracene
Concen: 0.683 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.03 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Instrument :
BNA_N
ClientSampleId :
EXT-027-SW015-030719

Tgt Ion:278 Resp: 49282

Ion	Ratio	Lower	Upper
278	100		
139	21.0	11.7	17.5#
279	30.0	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 1.914 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004912.D
Acq: 23 Mar 2019 07:23

Tgt Ion:276 Resp: 140742

Ion	Ratio	Lower	Upper
276	100		
277	24.6	19.7	29.5
138	19.7	14.6	22.0