Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004968.D
Acq On : 25 Mar 2019 19:29
Operator : JU/SJ
Sample : K2015-14 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-025-B029-031919

Quant Time: Mar 26 01:20:09 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	4480	0.40	ng		0.00
7) Naphthalene-d8	10.47	136	17717	0.40	ng		-0.03
13) Acenaphthene-d10	14.33	164	8373	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	15999	0.40	ng		-0.01
27) Chrysene-d12	21.29	240	18083	0.40	ng		0.00
34) Perylene-d12	23.54	264	20060	0.40	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	552	0.05	ng		0.00
5) Phenol-d6	6.87	99	681	0.04	ng		0.00
8) Nitrobenzene-d5	8.86	82	573	0.05	ng		-0.01
11) 2-Methylnaphthalene-d10	12.07	152	1260	0.04	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	229	0.04	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	1652	0.05	ng		-0.01
25) Fluoranthene-d10	19.12	212	1864	0.03	ng		0.00
29) Terphenyl-d14	19.72	244	1472	0.04	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.03	93	512	0.037	ng	#	33
16) Acenaphthylene	14.05	152	7625	0.177	ng		99
17) Acenaphthene	14.39	154	879	0.031	ng		95
18) Fluorene	15.38	166	1740	0.044	ng	#	83
23) Phenanthrene	17.12	178	41459	0.803	ng		99
24) Anthracene	17.22	178	8617	0.187	ng		100
26) Fluoranthene	19.15	202	115712	1.743	ng	#	91
28) Pyrene	19.51	202	122560	2.223	ng	#	95
30) Benzo(a)anthracene	21.27	228	57344	0.967	ng	#	91
31) Chrysene	21.32	228	76233	1.220	ng	#	94
32) Bis(2-ethylhexyl)phthalate	21.18	149	2303	0.097	ng	#	78
33) Indeno(1,2,3-cd)pyrene	25.81	276	53513	0.592	ng		98
35) Benzo(b)fluoranthene	22.86	252	98386	1.356	ng	#	87
36) Benzo(k)fluoranthene	22.86	252	98386	1.378	ng	#	87
37) Benzo(a)pyrene	23.44	252	63238	0.950	ng	#	83
38) Dibenzo(a,h)anthracene	25.81	278	14455	0.187	ng	#	19
39) Benzo(g,h,i)perylene	26.51	276	61874	0.788	ng	#	86

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032519\
Data File : BN004968.D
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Misc :
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BNA_N
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PST-025-B029-031919

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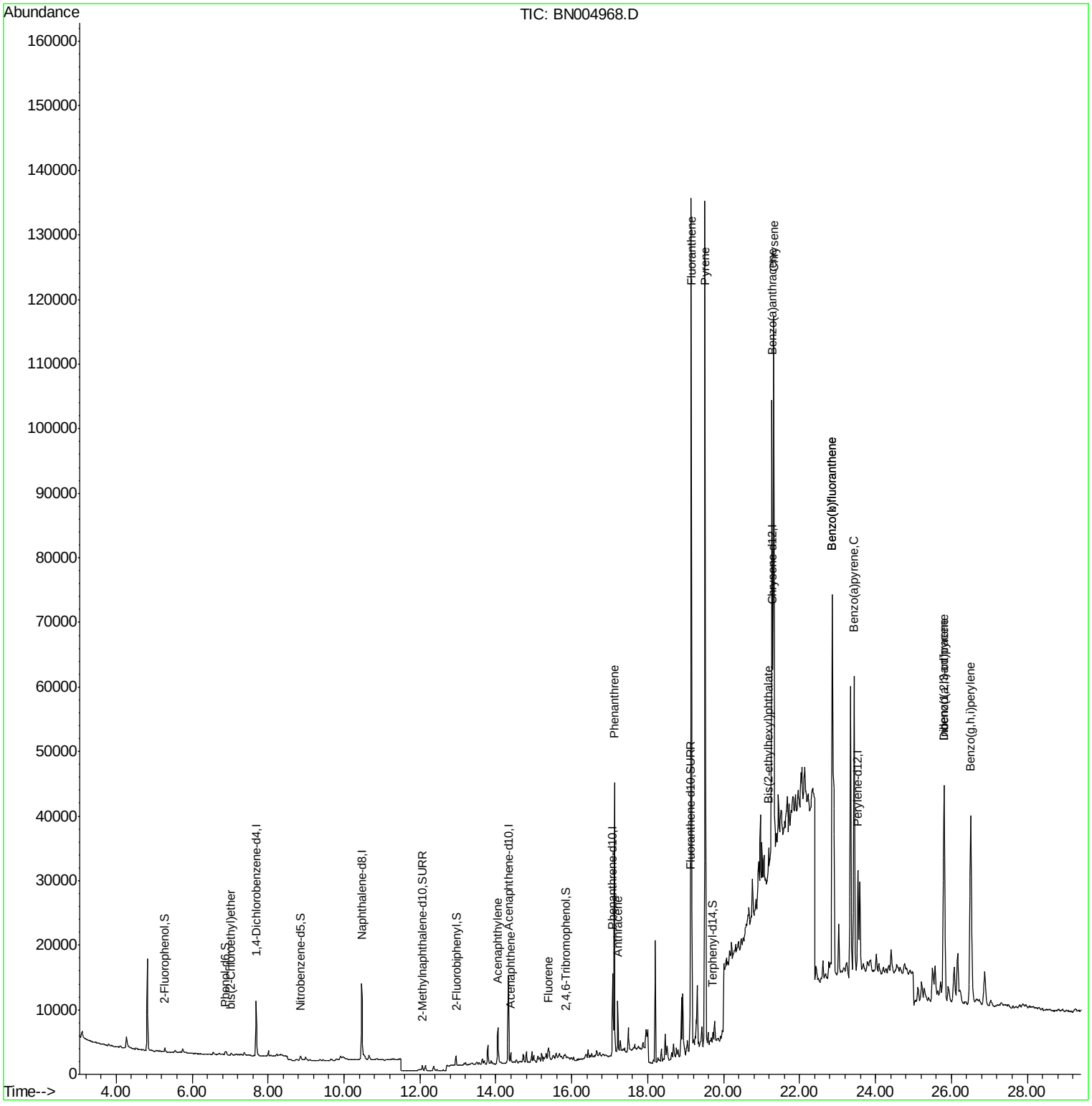
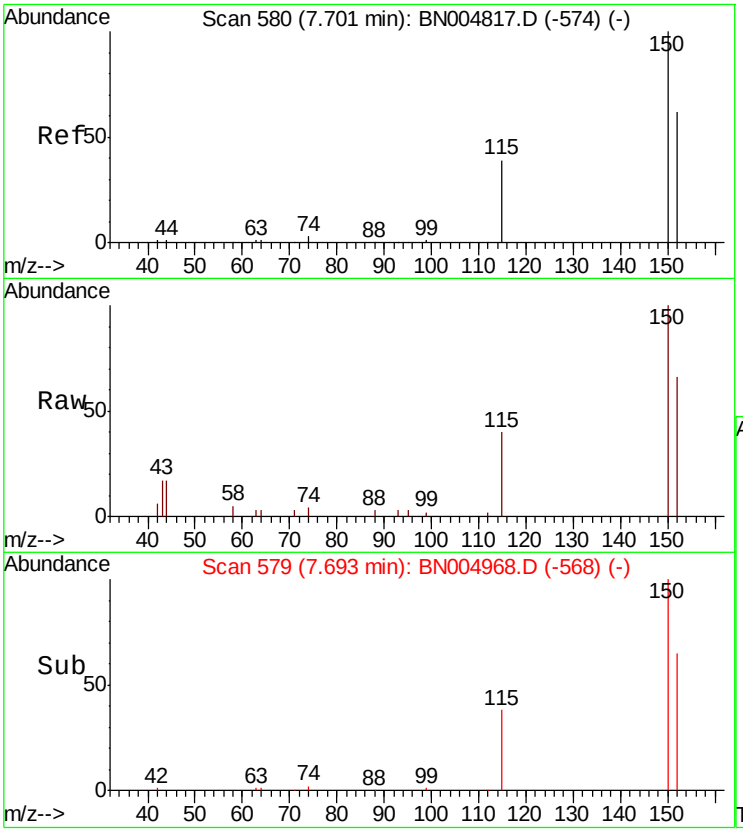
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



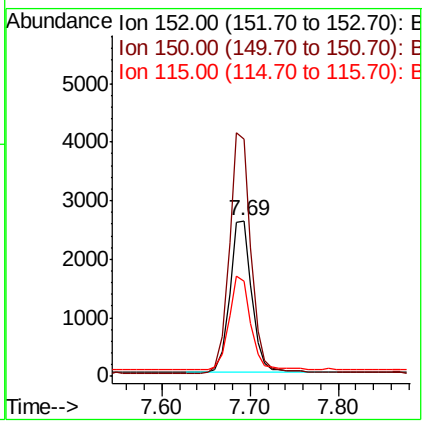


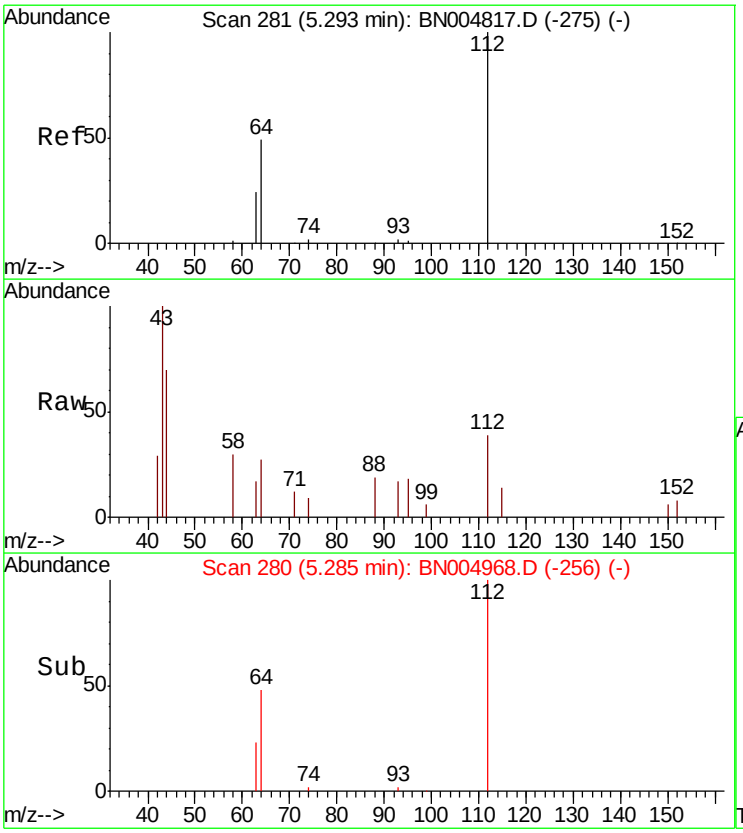
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:152 Resp: 4480

Ion	Ratio	Lower	Upper
152	100		
150	152.1	126.2	189.4
115	61.3	52.6	79.0

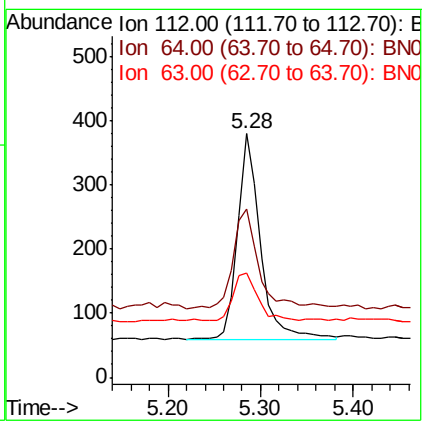


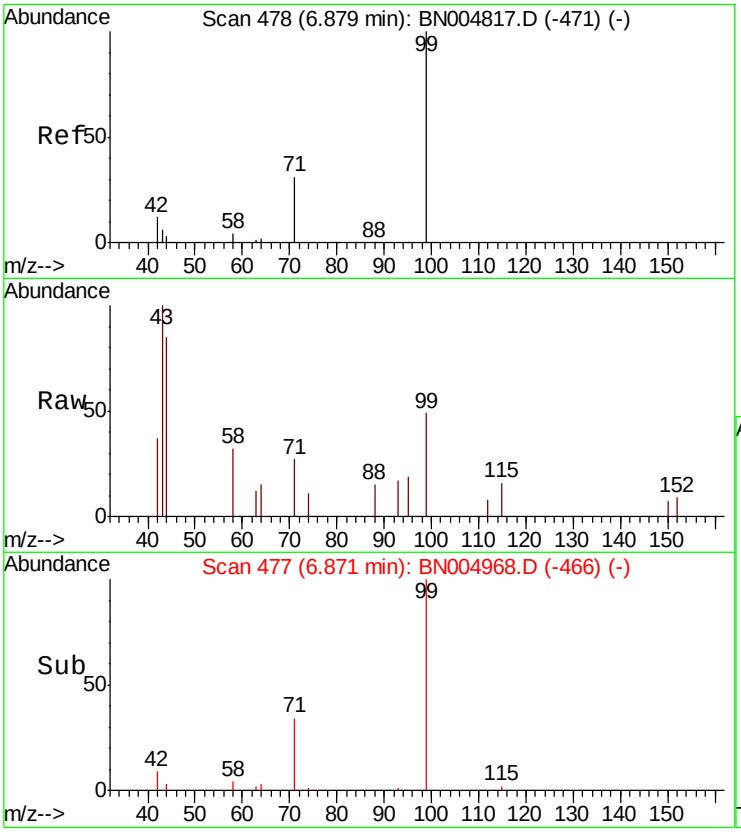


#4
2-Fluorophenol
Concen: 0.045 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:112 Resp: 552

Ion	Ratio	Lower	Upper
112	100		
64	52.2	40.0	60.0
63	24.8	20.2	30.2



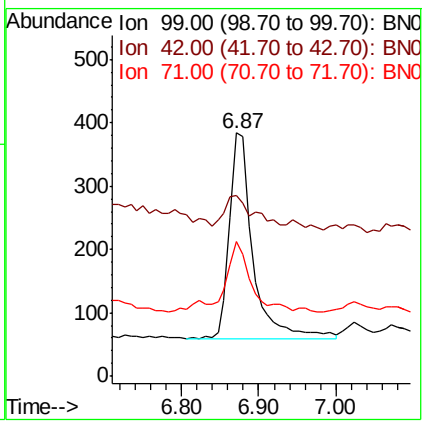


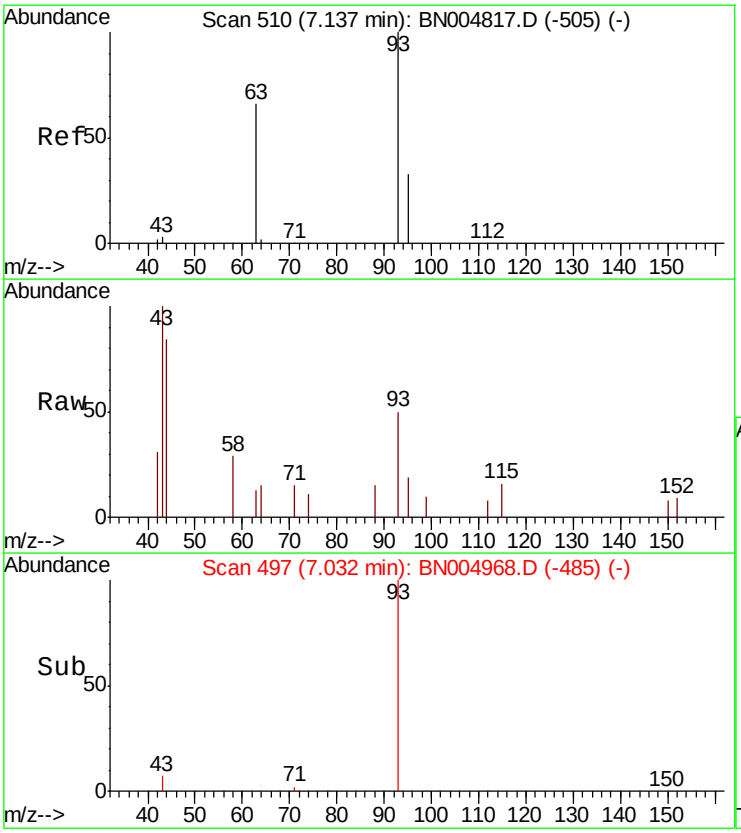
#5
Phenol-d6
Concen: 0.045 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion: 99 Resp: 681

Ion	Ratio	Lower	Upper
99	100		
42	17.8	12.7	19.1
71	30.7	26.6	40.0

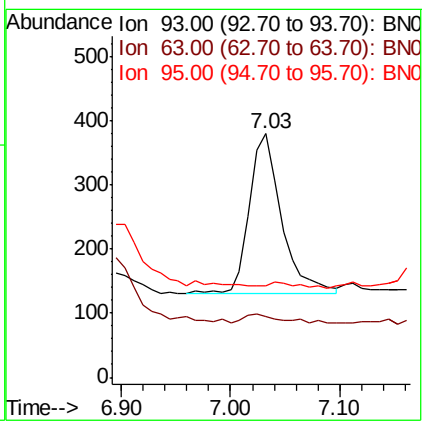


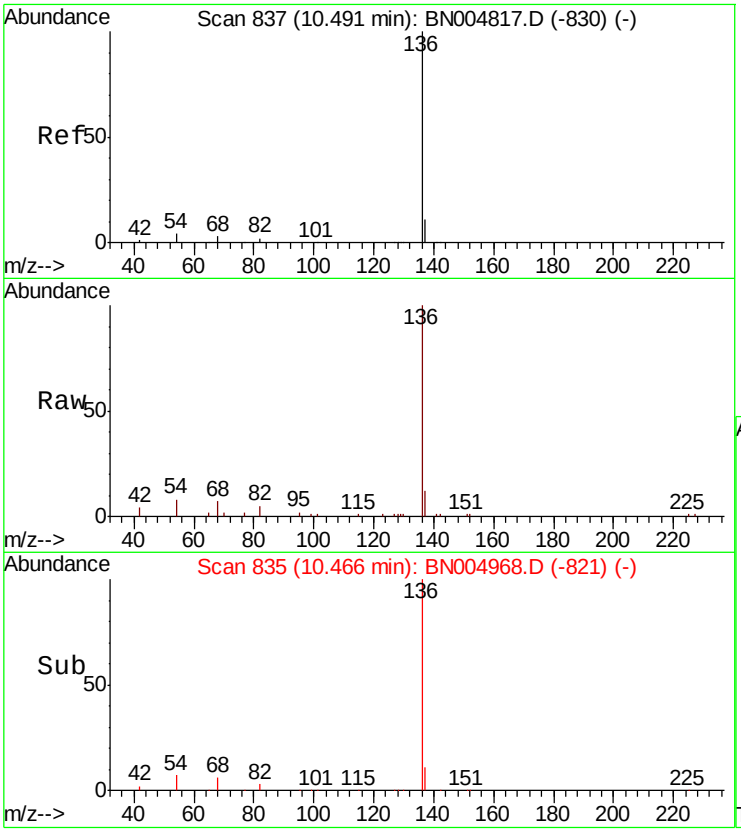


#6
bis(2-Chloroethyl)ether
Concen: 0.037 ng
RT: 7.03 min Scan# 497
Delta R.T. -0.10 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion: 93 Resp: 512

Ion	Ratio	Lower	Upper
93	100		
63	6.6	52.6	78.8#
95	2.9	25.9	38.9#



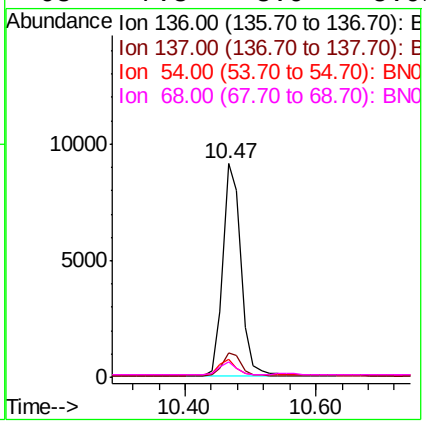


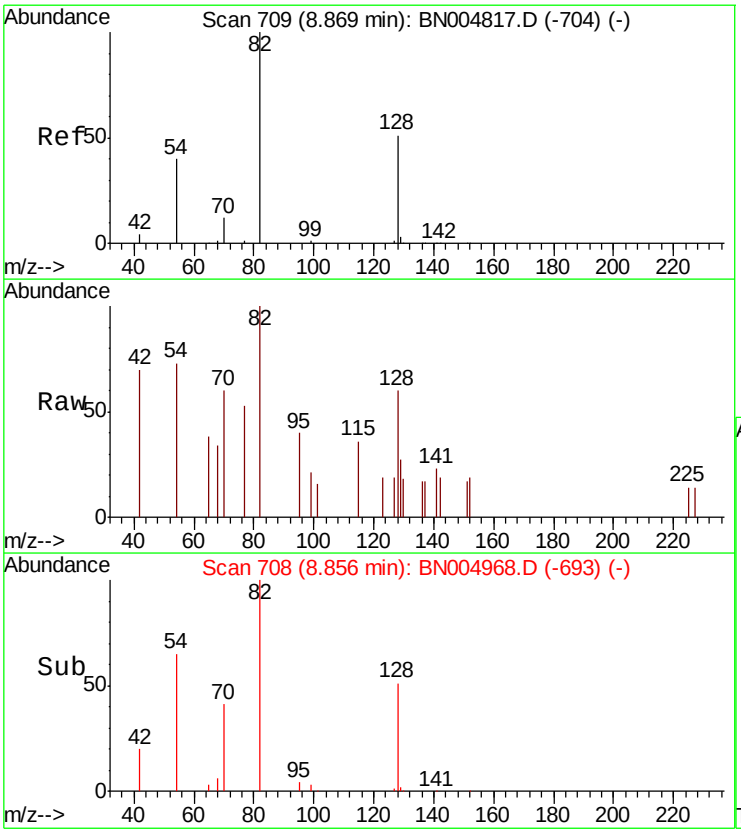
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:136 Resp: 17717

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	8.2	4.2	6.2#
68	7.3	3.9	5.9#

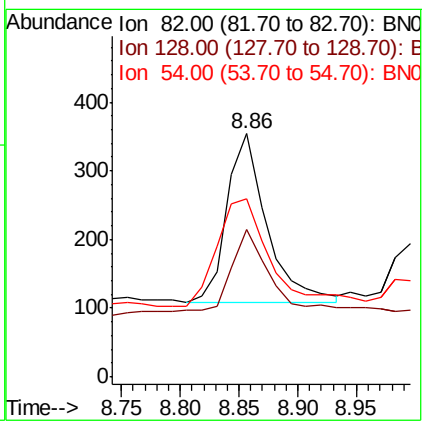


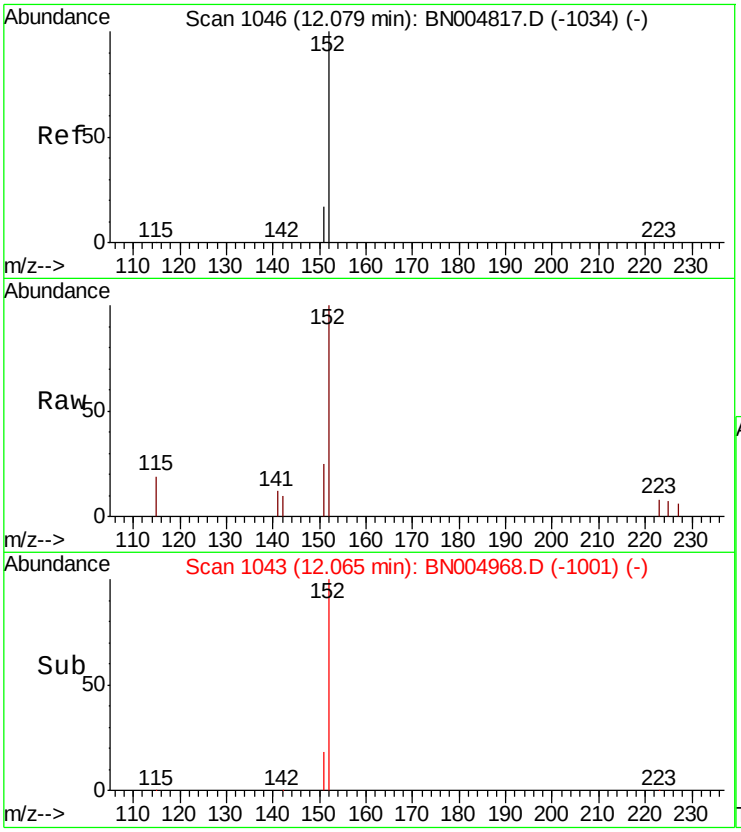


#8
Nitrobenzene-d5
Concen: 0.049 ng
RT: 8.86 min Scan# 708
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion: 82 Resp: 573

Ion	Ratio	Lower	Upper
82	100		
128	60.5	43.0	64.6
54	73.2	35.3	52.9#



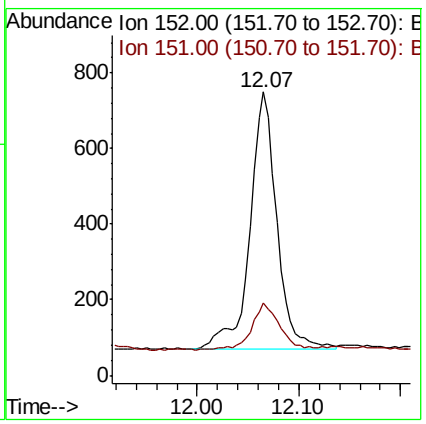


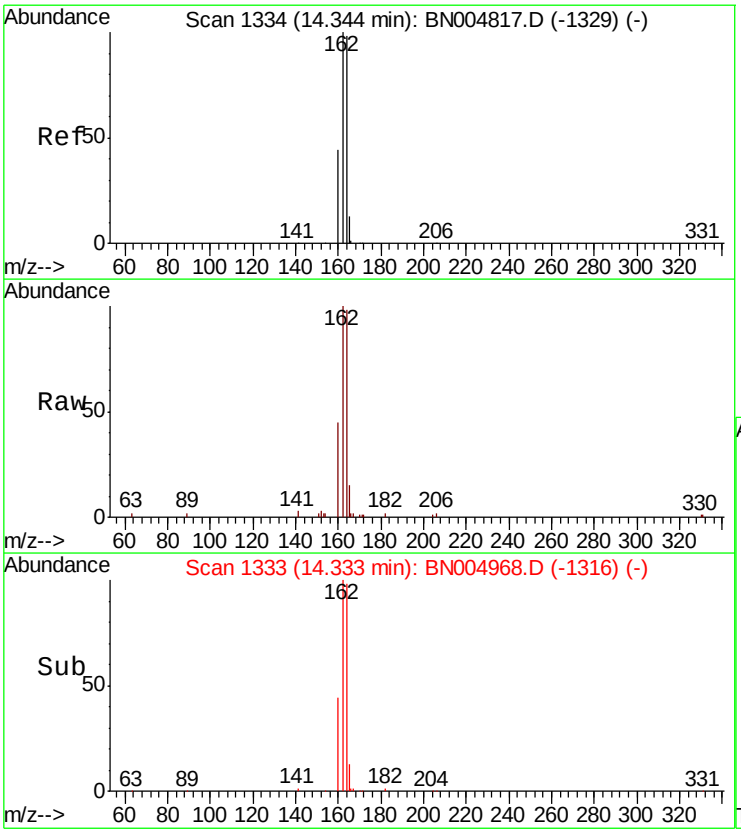
#11
2-Methylnaphthalene-d10
Concen: 0.041 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:152 Resp: 1260

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.5	23.3

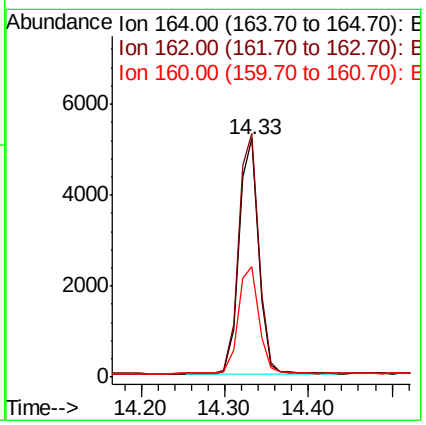


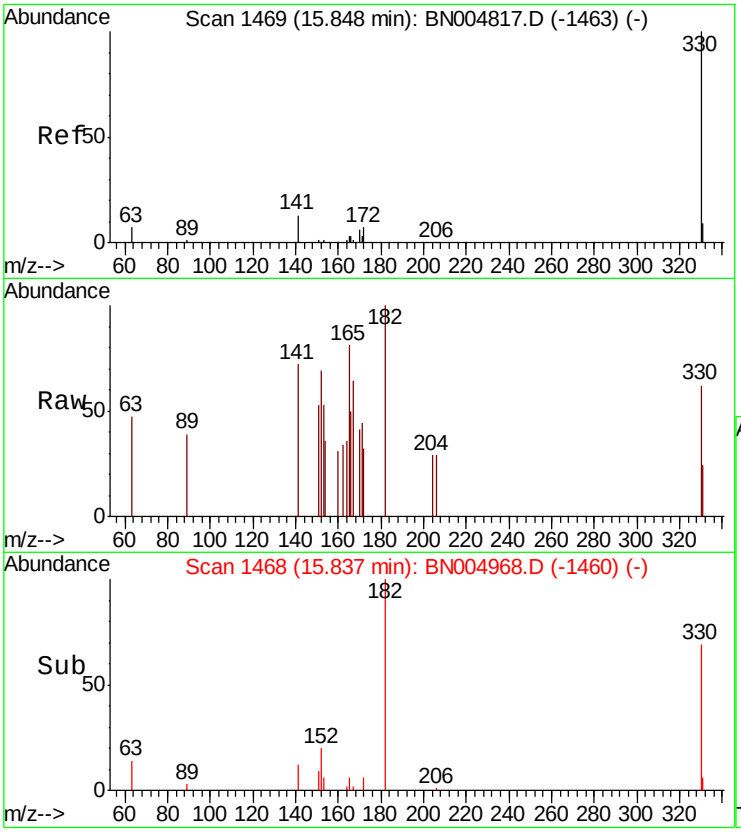


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:164 Resp: 8373

Ion	Ratio	Lower	Upper
164	100		
162	102.1	81.9	122.9
160	46.2	36.6	54.8



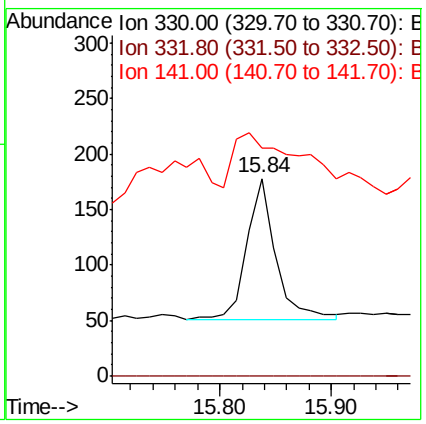


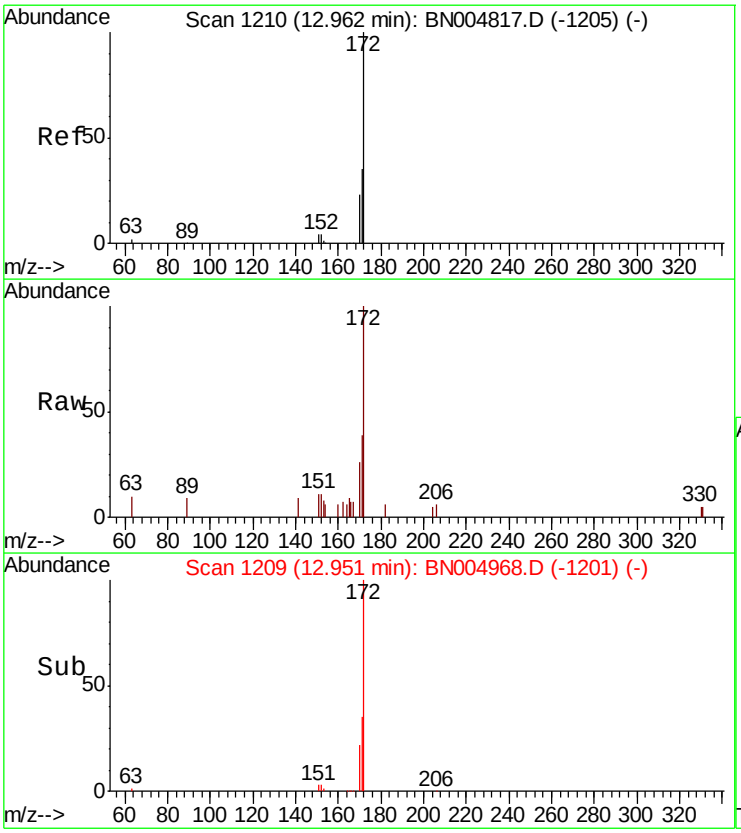
#14
2,4,6-Tribromophenol
Concen: 0.040 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:330 Resp: 229

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	109.2	20.9	31.3#

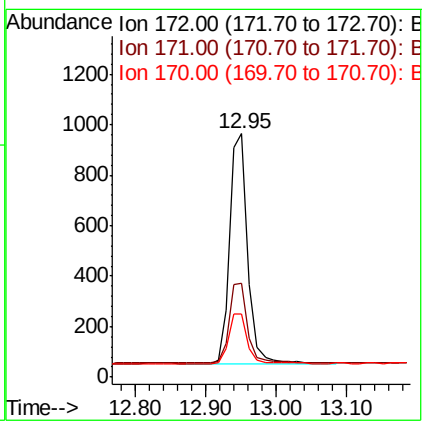


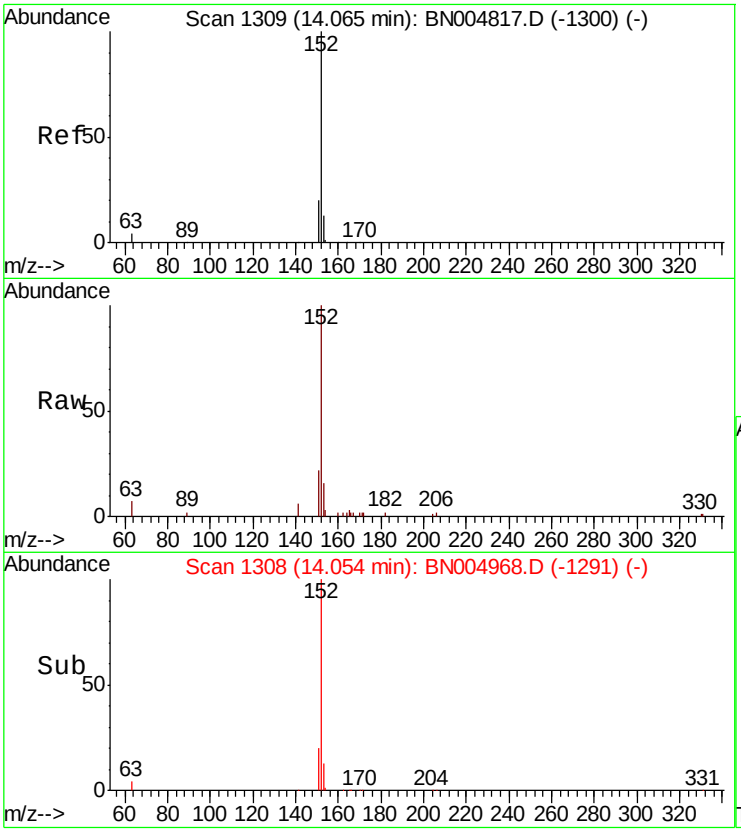


#15
2-Fluorobiphenyl
Concen: 0.048 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:172 Resp: 1652

Ion	Ratio	Lower	Upper
172	100		
171	38.8	28.7	43.1
170	25.8	18.7	28.1



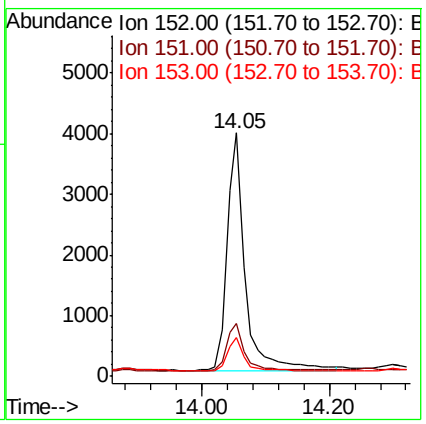


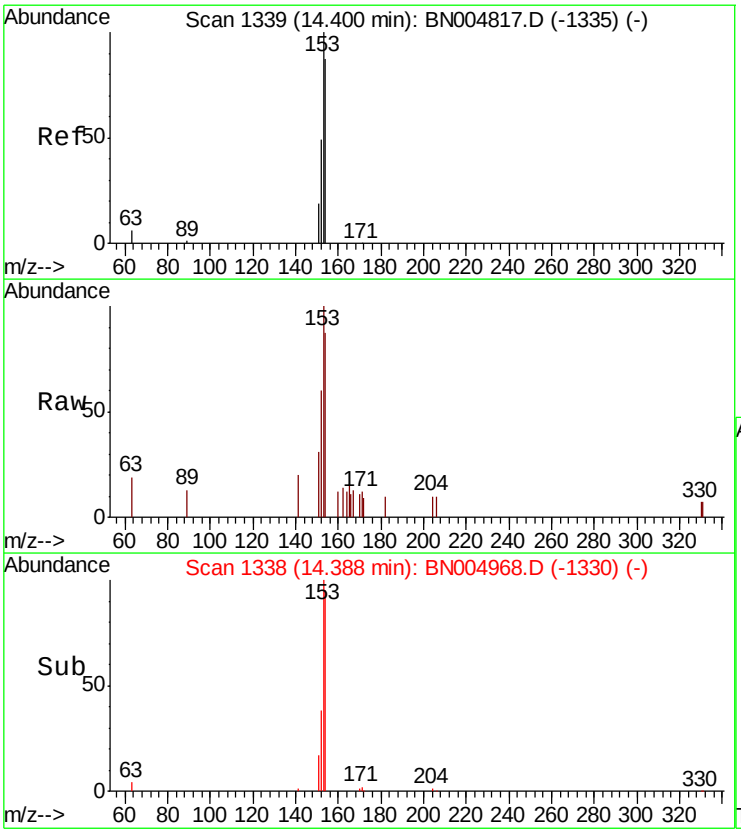
#16
Acenaphthylene
Concen: 0.177 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:152 Resp: 7625

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.1	24.1
153	13.7	10.5	15.7

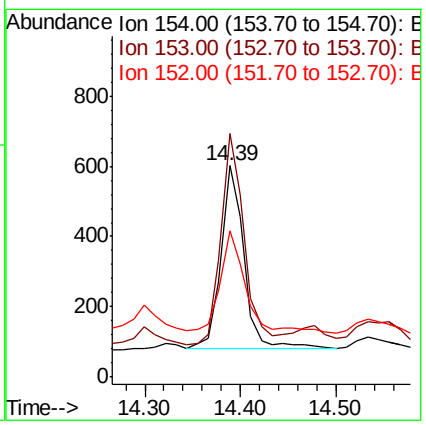


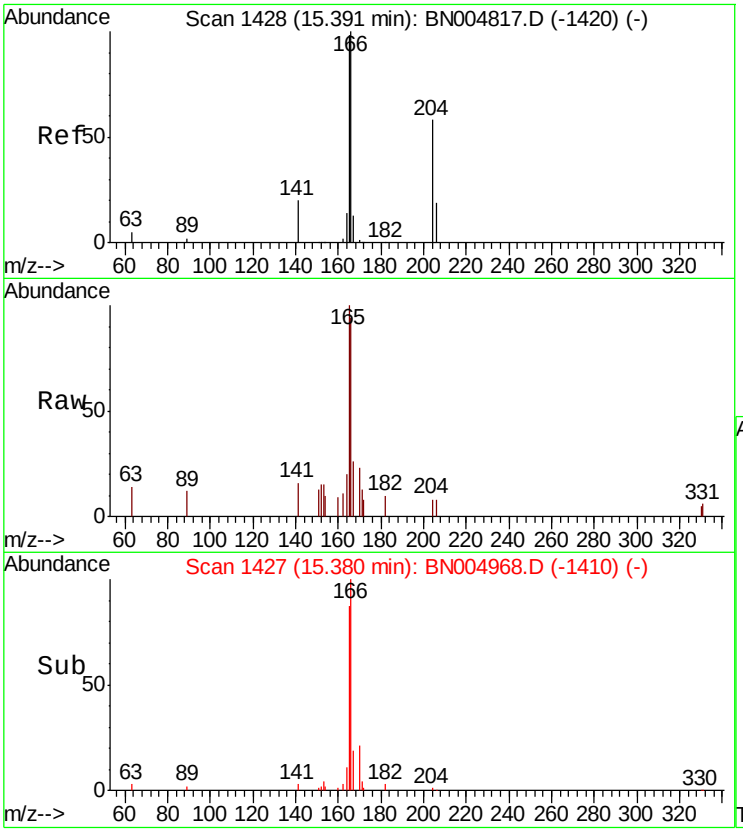


#17
Acenaphthene
Concen: 0.031 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:154 Resp: 879

Ion	Ratio	Lower	Upper
154	100		
153	117.5	91.4	137.2
152	62.0	44.2	66.2



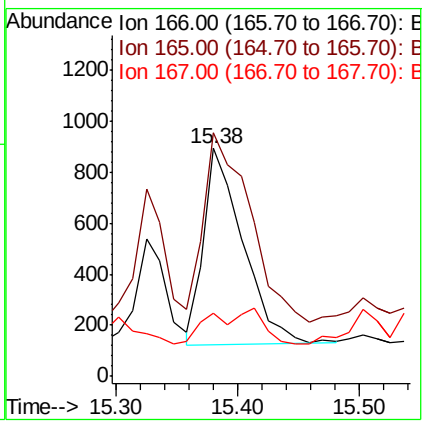


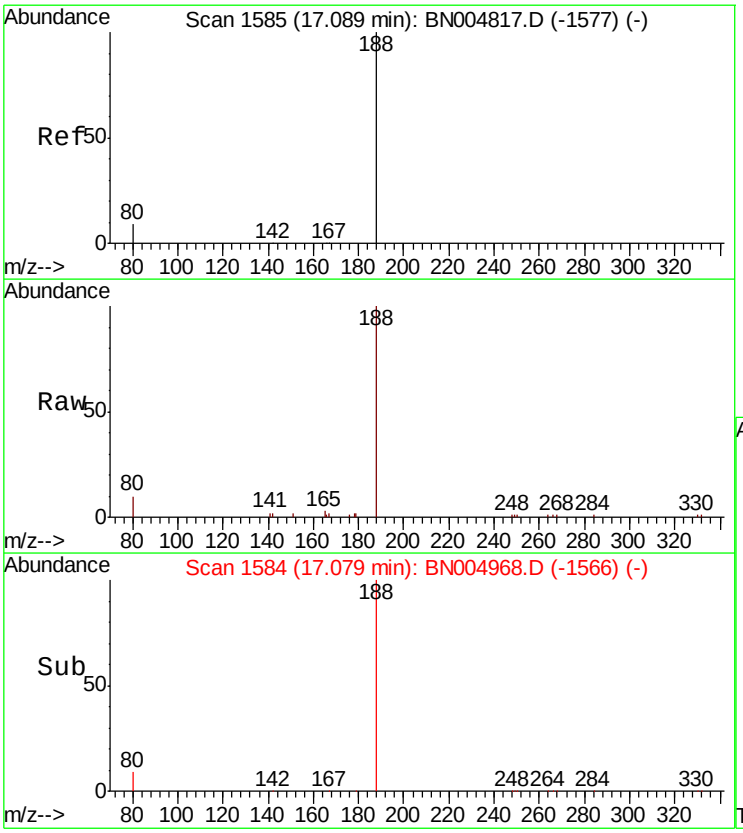
#18
Fluorene
Concen: 0.044 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:166 Resp: 1740

Ion	Ratio	Lower	Upper
166	100		
165	112.7	78.2	117.4
167	0.0	11.0	16.4#

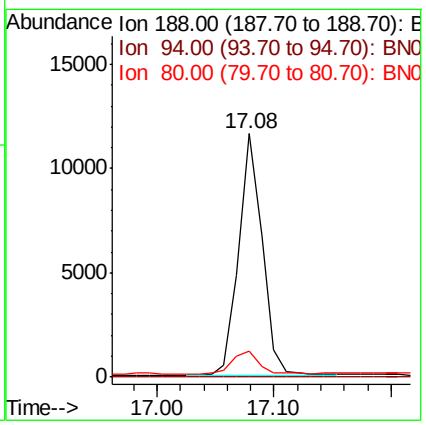


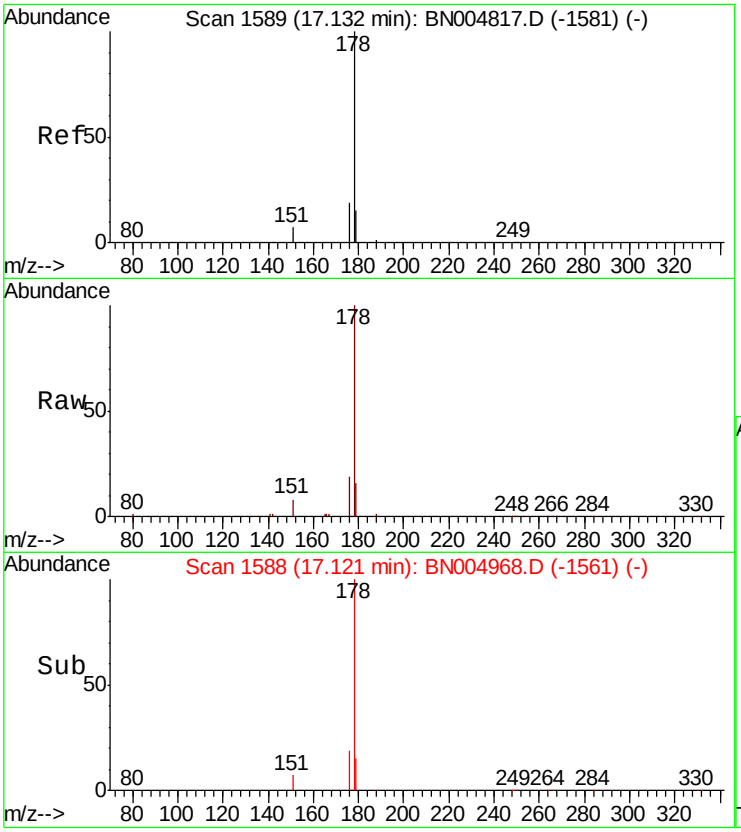


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:188 Resp: 15999

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	7.4	11.2



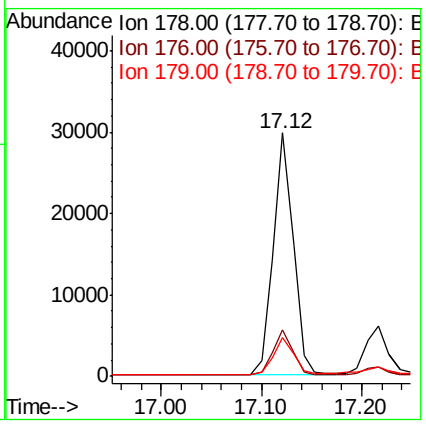


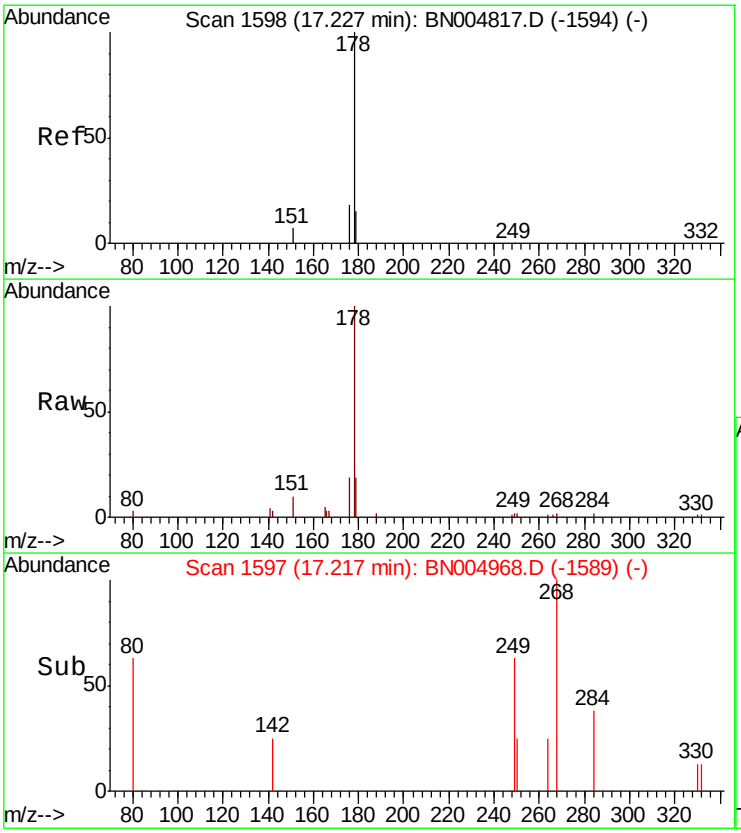
#23
Phenanthrene
Concen: 0.803 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:178 Resp: 41459

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	15.9	12.1	18.1

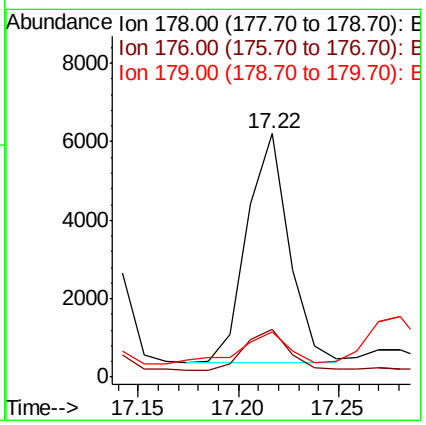


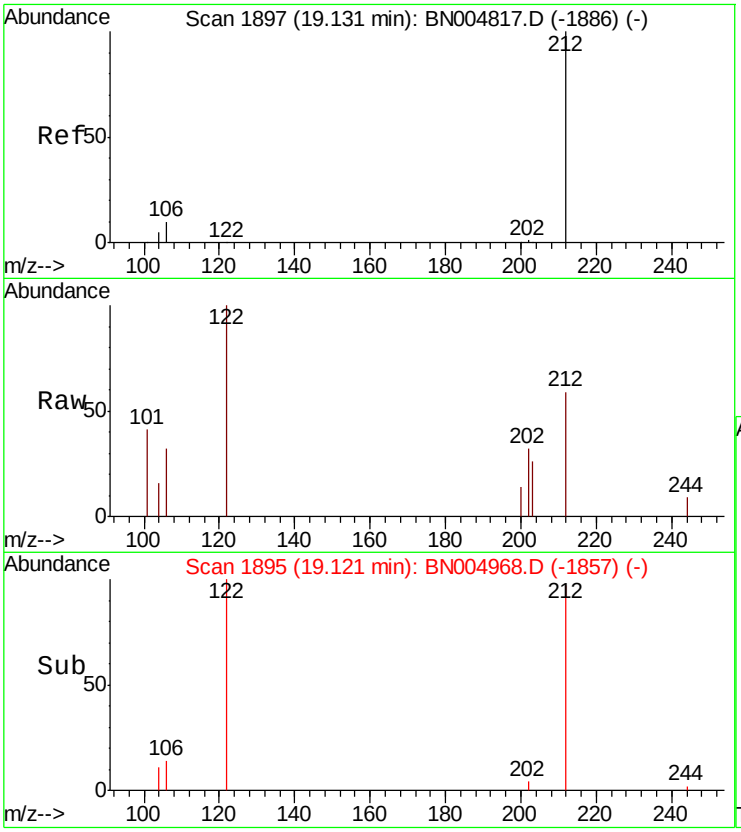


#24
Anthracene
Concen: 0.187 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:178 Resp: 8617

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.6	12.2	18.4



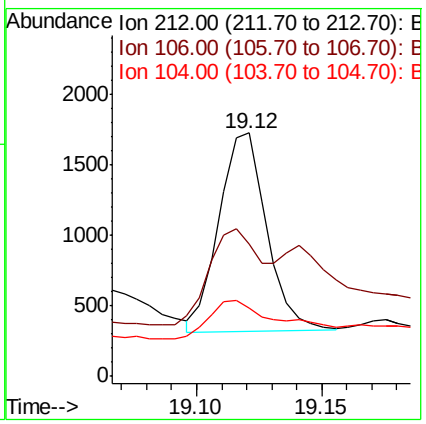


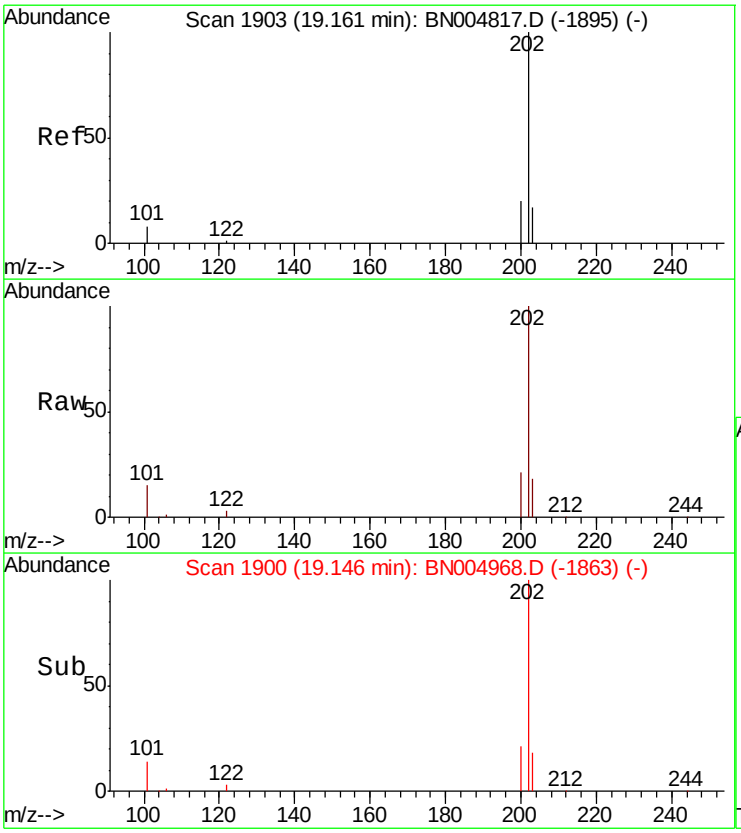
#25
Fluoranthene-d10
Concen: 0.035 ng
RT: 19.12 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:212 Resp: 1864

Ion	Ratio	Lower	Upper
212	100		
106	49.1	8.6	13.0#
104	32.2	4.7	7.1#

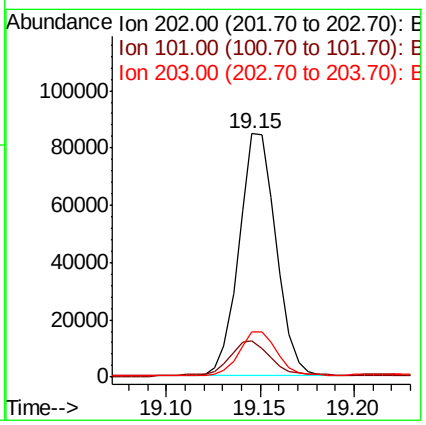


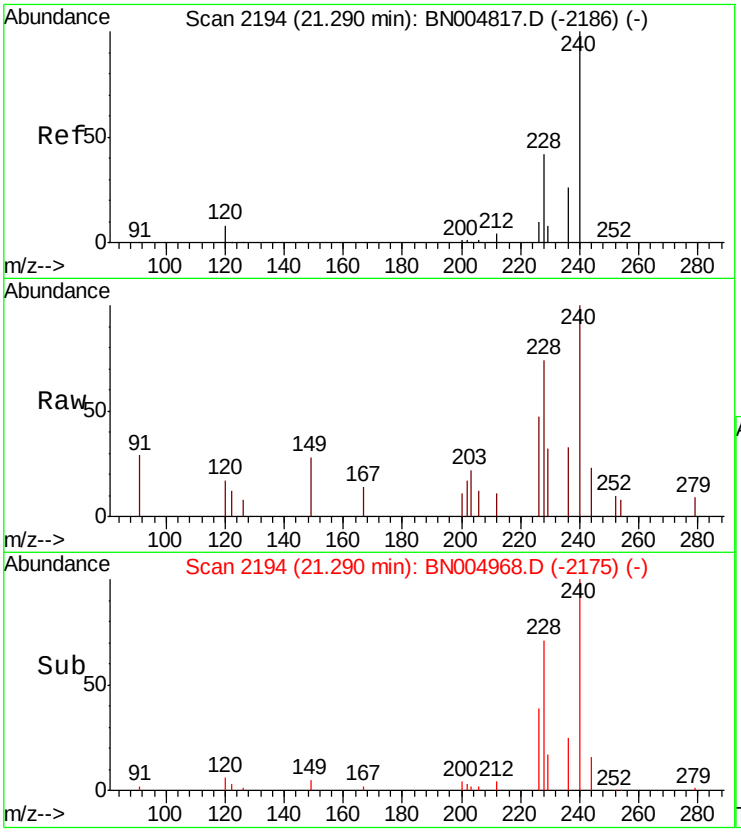


#26
Fluoranthene
Concen: 1.743 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:202 Resp: 115712

Ion	Ratio	Lower	Upper
202	100		
101	17.7	7.5	11.3#
203	18.0	13.8	20.6



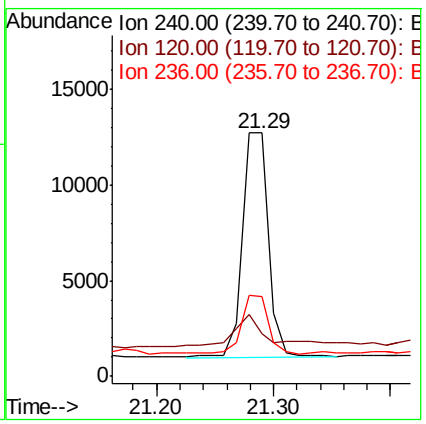


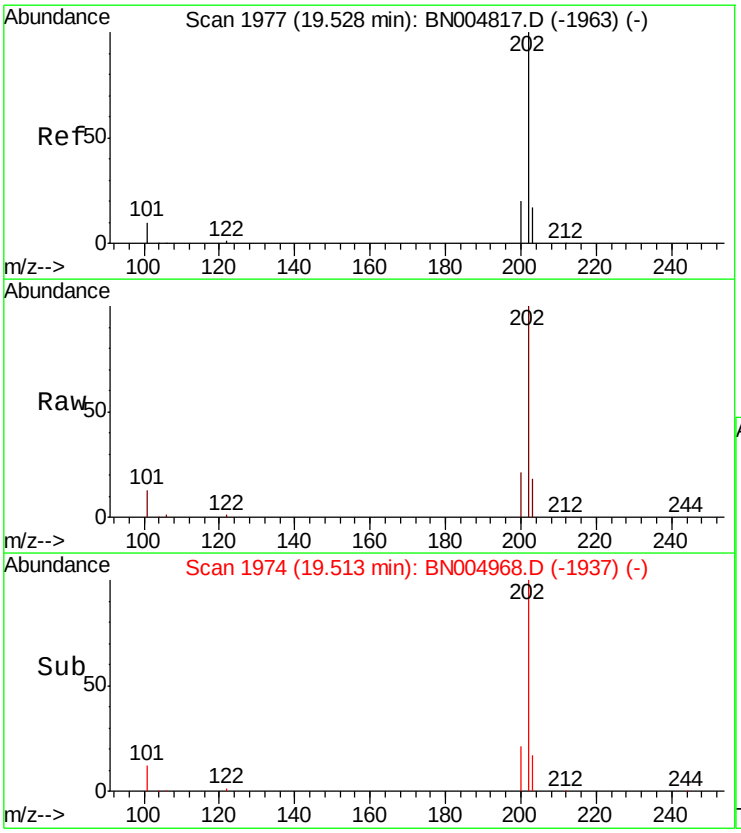
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. 0.00 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:240 Resp: 18083

Ion	Ratio	Lower	Upper
240	100		
120	17.3	7.2	10.8#
236	32.5	20.9	31.3#

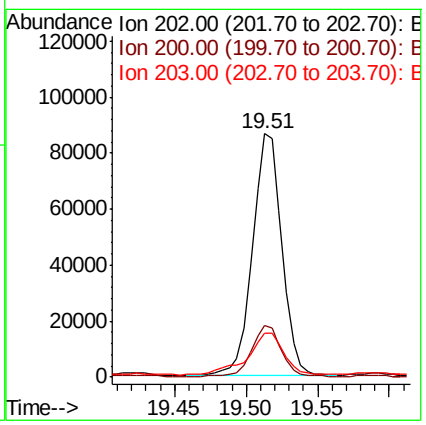


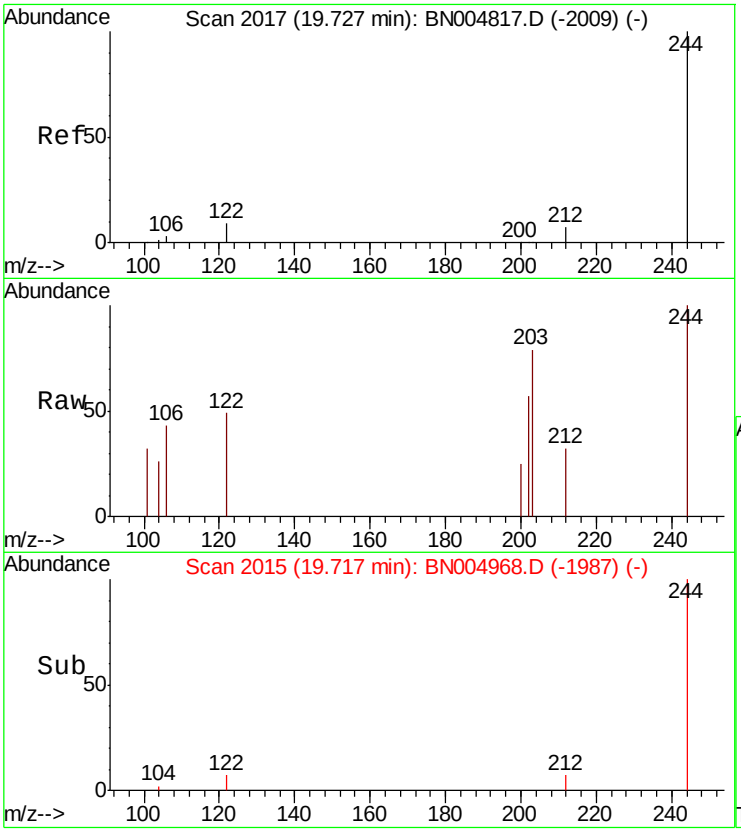


#28
Pyrene
Concen: 2.223 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:202 Resp: 122560

Ion	Ratio	Lower	Upper
202	100		
200	20.8	16.3	24.5
203	21.4	14.0	21.0#



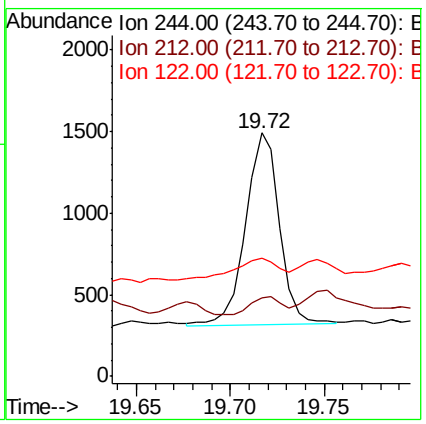


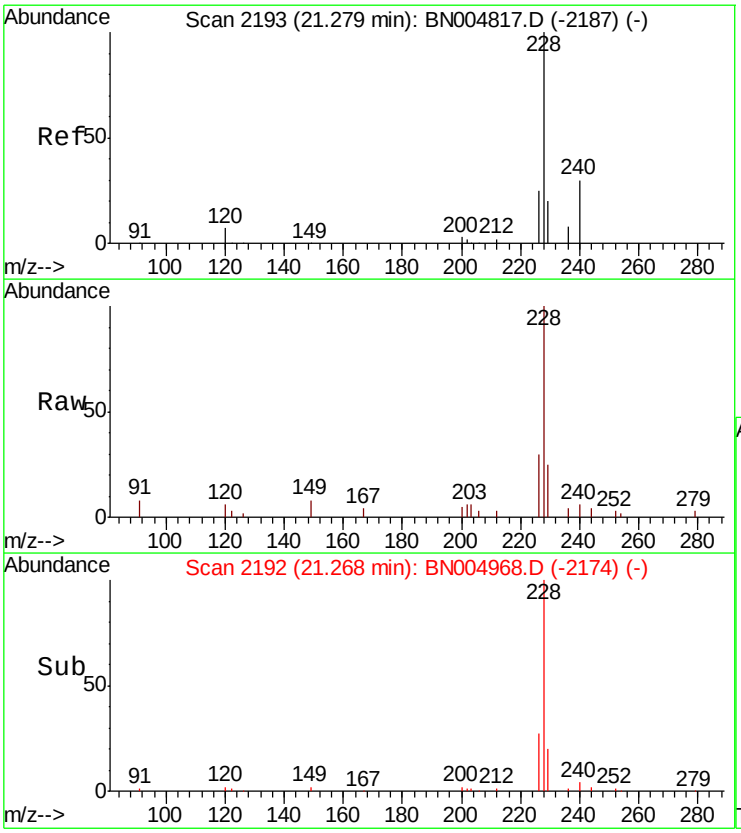
#29
Terphenyl-d14
Concen: 0.040 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:244 Resp: 1472

Ion	Ratio	Lower	Upper
244	100		
212	32.5	5.8	8.6#
122	48.6	7.9	11.9#

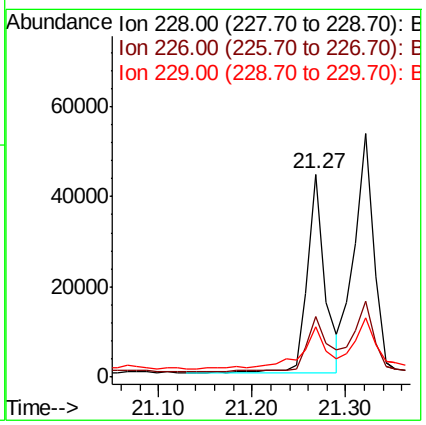


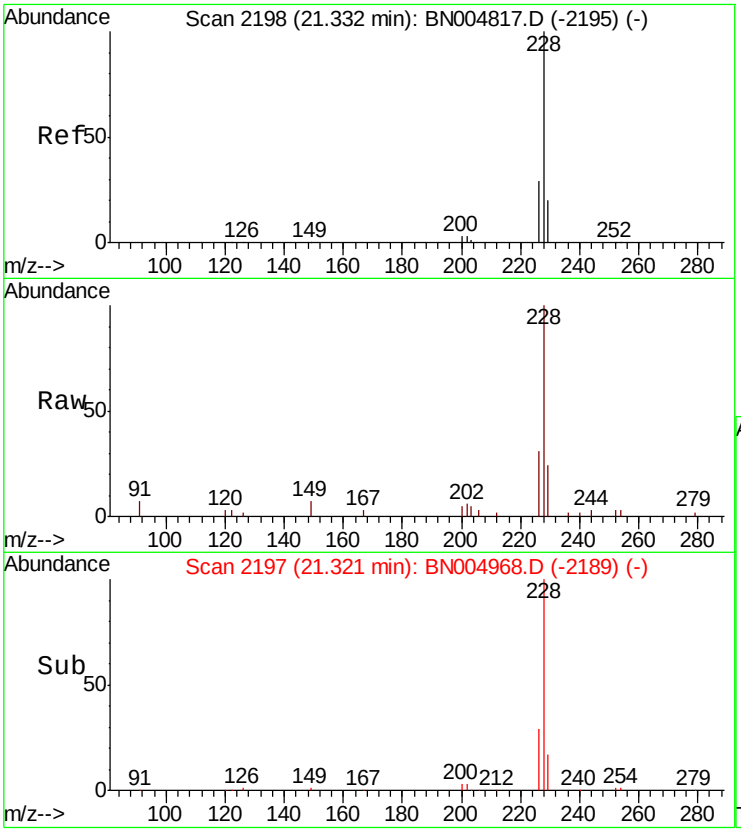


#30
Benzo(a)anthracene
Concen: 0.967 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:228 Resp: 57344

Ion	Ratio	Lower	Upper
228	100		
226	30.1	20.6	31.0
229	24.7	16.2	24.4#



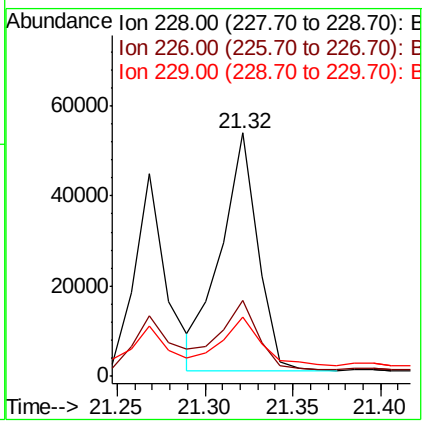


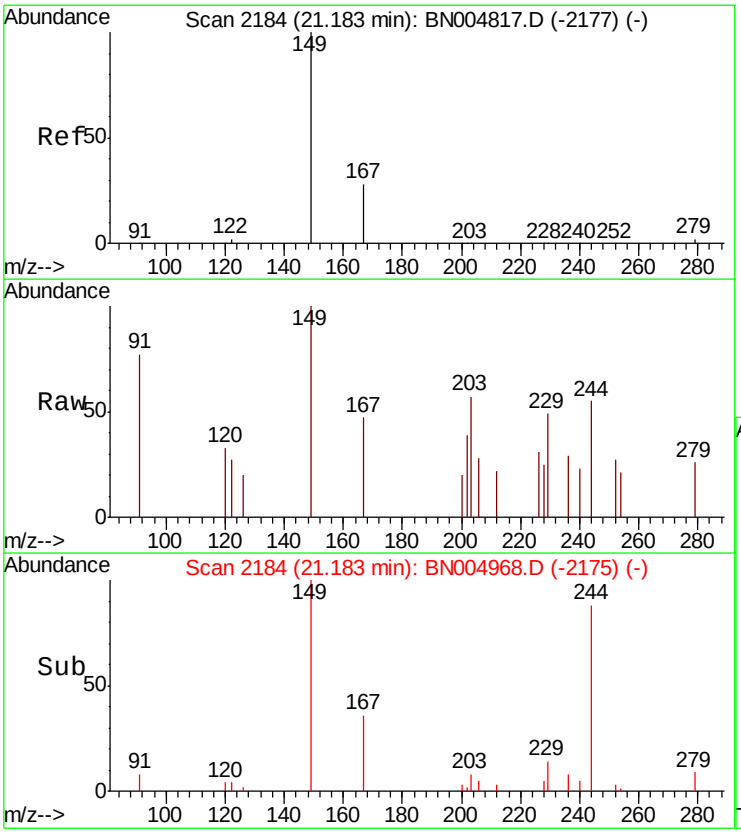
#31
Chrysene
Concen: 1.220 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:228 Resp: 76233

Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.0	34.6
229	24.2	16.2	24.2#

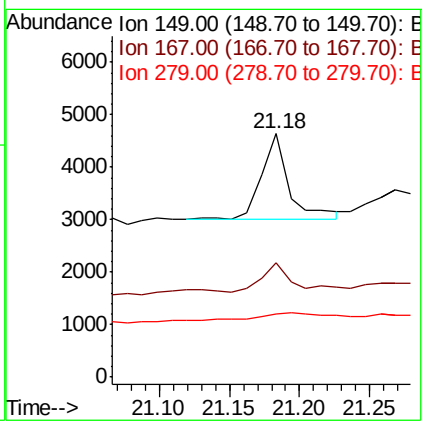


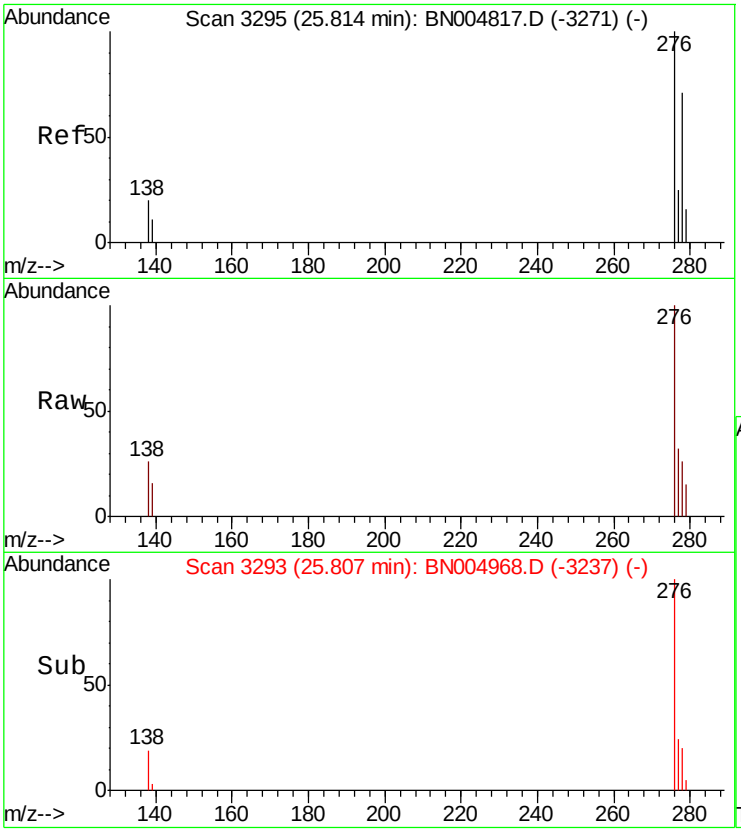


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.097 ng
RT: 21.18 min Scan# 2184
Delta R.T. 0.00 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:149 Resp: 2303

Ion	Ratio	Lower	Upper
149	100		
167	37.3	23.0	34.4#
279	23.3	4.6	6.8#



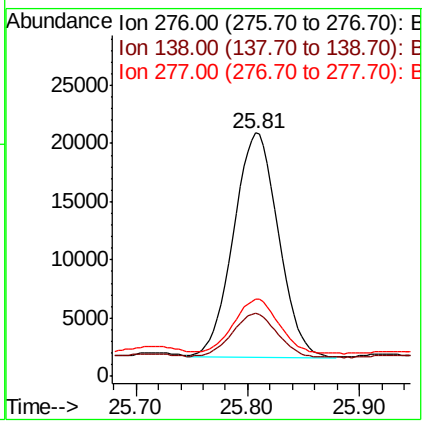


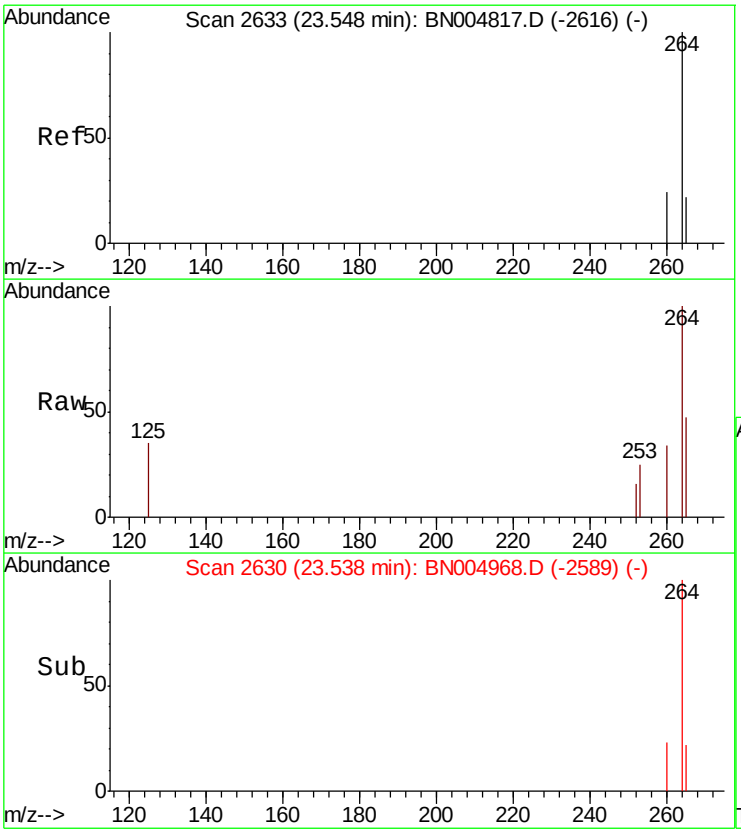
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.592 ng
RT: 25.81 min Scan# 3293
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:276 Resp: 53513

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.6	24.8
277	24.3	20.3	30.5

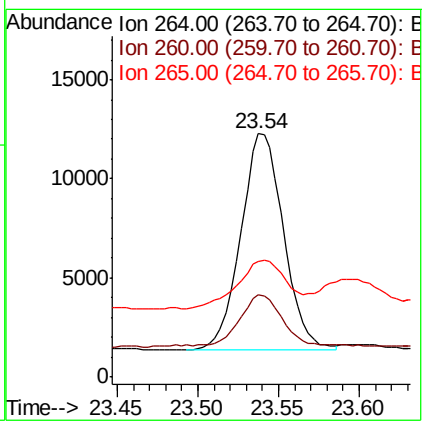


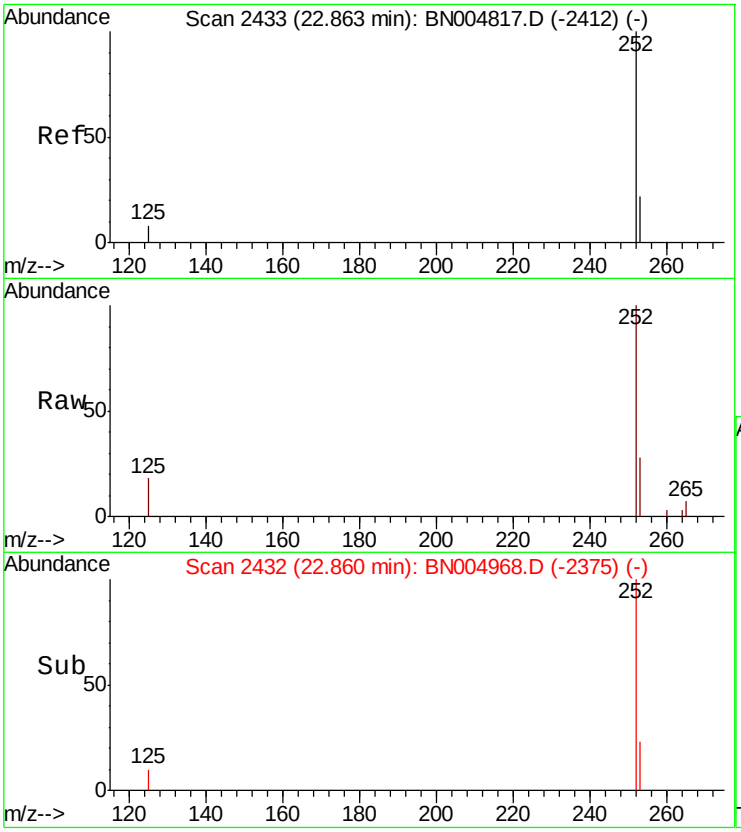


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2630
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:264 Resp: 20060

Ion	Ratio	Lower	Upper
264	100		
260	33.6	19.5	29.3#
265	47.5	23.1	34.7#



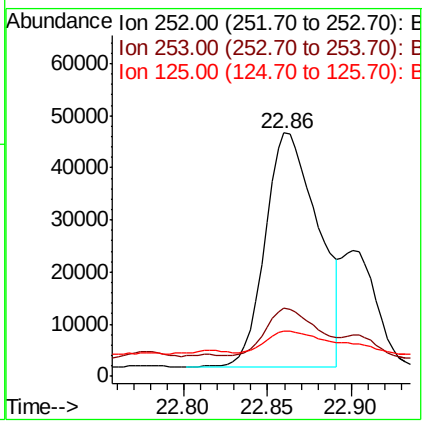


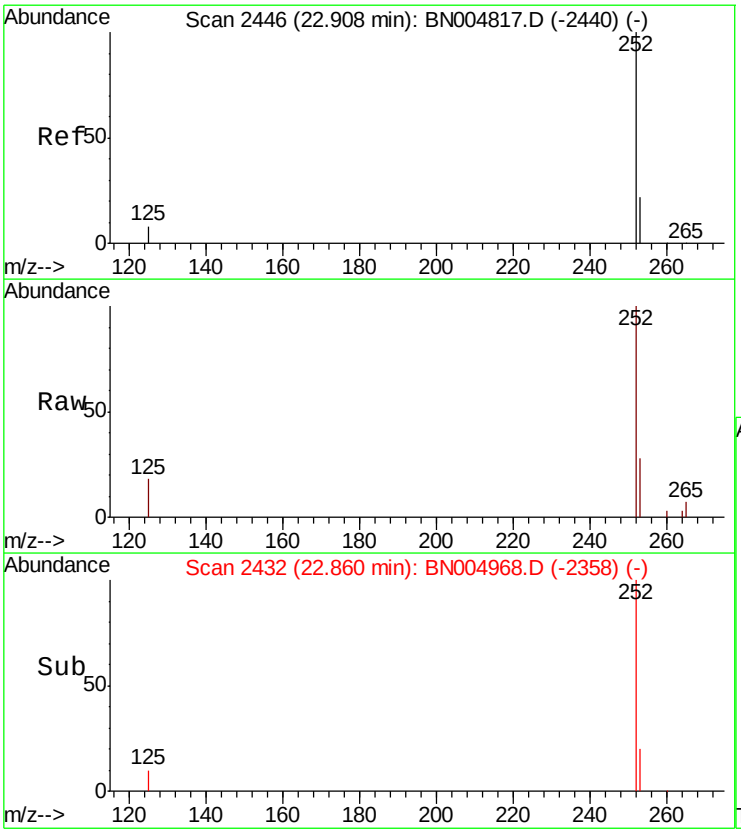
#35
Benzo(b)fluoranthene
Concen: 1.356 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.00 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:252 Resp: 98386

Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.0	28.4
125	18.3	7.4	11.2#

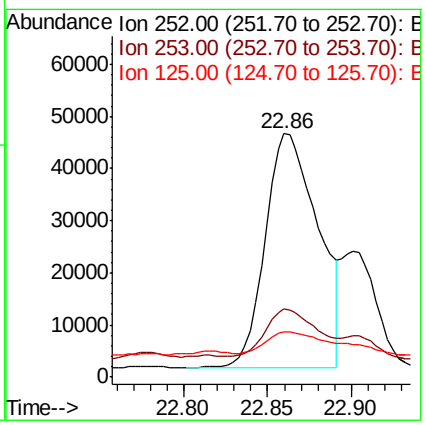


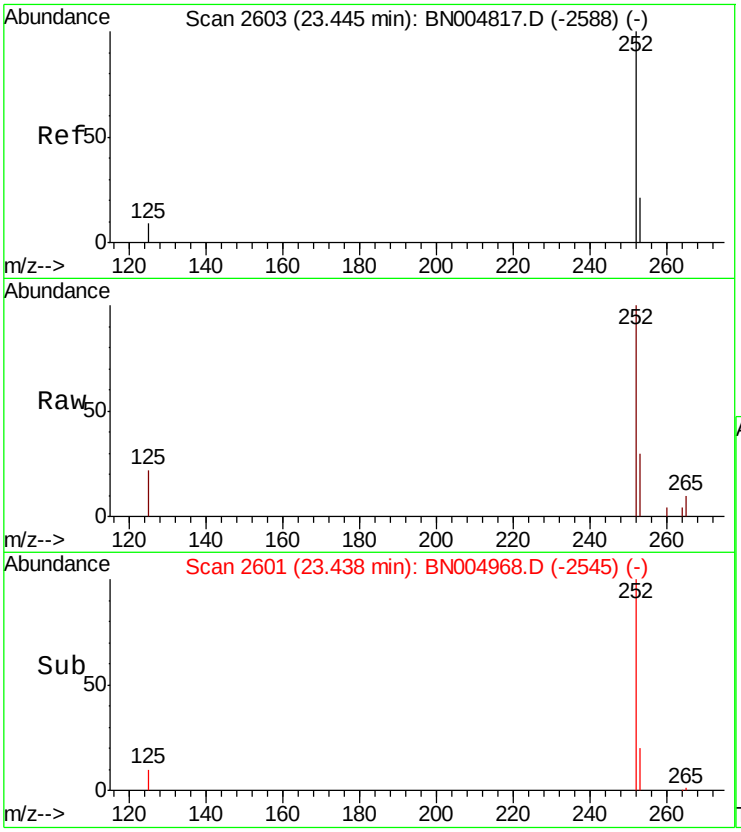


#36
Benzo(k)fluoranthene
Concen: 1.378 ng
RT: 22.86 min Scan# 2432
Delta R.T. -0.05 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:252 Resp: 98386

Ion	Ratio	Lower	Upper
252	100		
253	28.0	19.3	28.9
125	18.3	7.4	11.0#



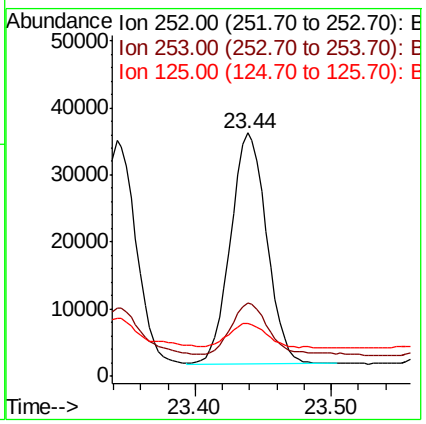


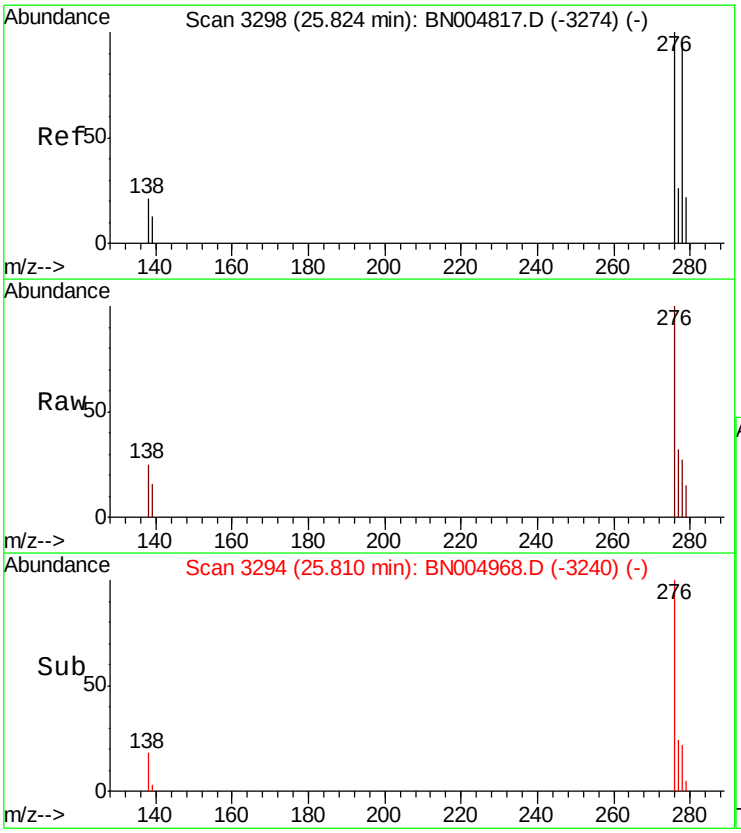
#37
Benzo(a)pyrene
Concen: 0.950 ng
RT: 23.44 min Scan# 2601
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:252 Resp: 63238

Ion	Ratio	Lower	Upper
252	100		
253	30.0	19.7	29.5#
125	22.0	8.3	12.5#

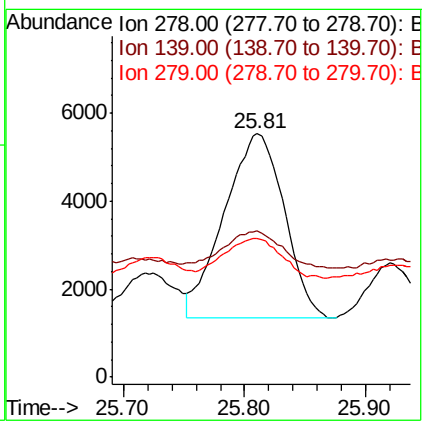


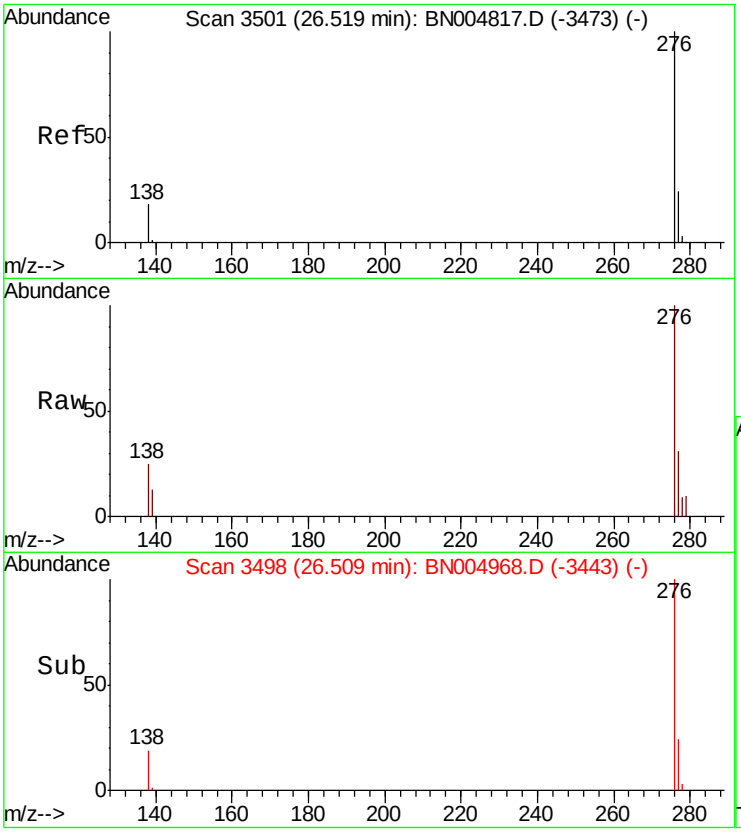


#38
Dibenzo(a,h)anthracene
Concen: 0.187 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Tgt Ion:278 Resp: 14455

Ion	Ratio	Lower	Upper
278	100		
139	59.9	11.7	17.5#
279	57.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.788 ng
RT: 26.51 min Scan# 3498
Delta R.T. -0.01 min
Lab File: BN004968.D
Acq: 25 Mar 2019 19:29

Instrument :
BNA_N
ClientSampleId :
PST-025-B029-031919

Tgt Ion:276 Resp: 61874

Ion	Ratio	Lower	Upper
276	100		
277	31.2	19.7	29.5#
138	25.4	14.6	22.0#