Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004941.D
Acq On : 24 Mar 2019 16:26
Operator : JU/SJ
Sample : K2015-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-025-SW036-031919

Quant Time: Mar 25 02:56:57 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	7.68	152	3168	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	12429	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	6293	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	13273	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	15373	0.40	ng		-0.01
34) Perylene-d12	23.53	264	15980	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3751	0.44	ng		0.00
5) Phenol-d6	6.86	99	4545	0.42	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3761	0.46	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	8152	0.38	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1629	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	10933	0.42	ng		-0.02
25) Fluoranthene-d10	19.12	212	15533	0.35	ng		-0.01
29) Terphenyl-d14	19.71	244	10494	0.33	ng		-0.01
Target Compounds							Qvalue
9) Naphthalene	10.52	128	1236	0.035	ng	#	82
12) 2-Methylnaphthalene	12.14	142	1613	0.062	ng		97
16) Acenaphthylene	14.04	152	3391	0.105	ng		97
18) Fluorene	15.38	166	871	0.029	ng		86
21) Hexachlorobenzene	16.38	284	651	0.066	ng	#	90
23) Phenanthrene	17.12	178	36777	0.858	ng		99
24) Anthracene	17.21	178	3748	0.098	ng		96
26) Fluoranthene	19.15	202	48771	0.885	ng		98
28) Pyrene	19.51	202	54747	1.168	ng		97
30) Benzo(a)anthracene	21.26	228	23337	0.463	ng		95
31) Chrysene	21.31	228	30755	0.579	ng		95
32) Bis(2-ethylhexyl)phthalate	21.17	149	27241	1.352	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	19759	0.257	ng		98
35) Benzo(b)fluoranthene	22.85	252	37937	0.656	ng	#	64
36) Benzo(k)fluoranthene	22.85	252	37937	0.667	ng	#	65
37) Benzo(a)pyrene	23.43	252	23407	0.441	ng	#	87
38) Dibenzo(a,h)anthracene	25.80	278	5767	0.094	ng	#	45
39) Benzo(g,h,i)perylene	26.48	276	20875	0.334	ng	#	91

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

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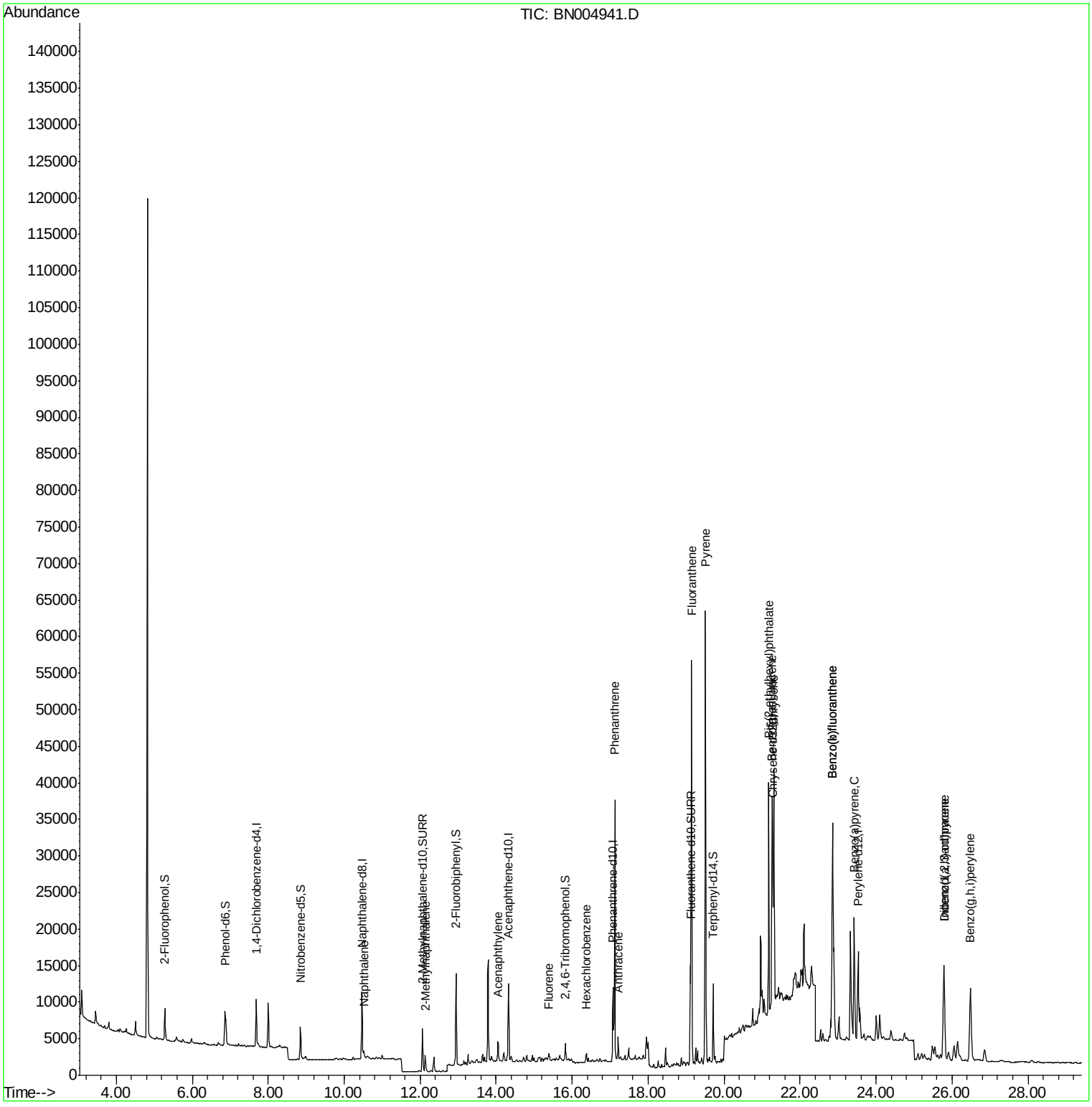
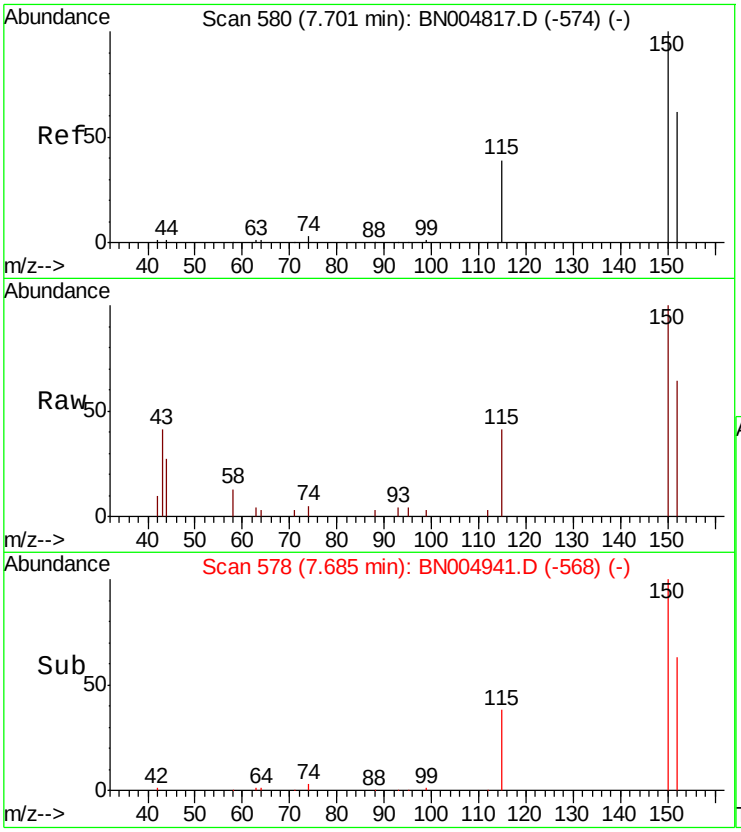


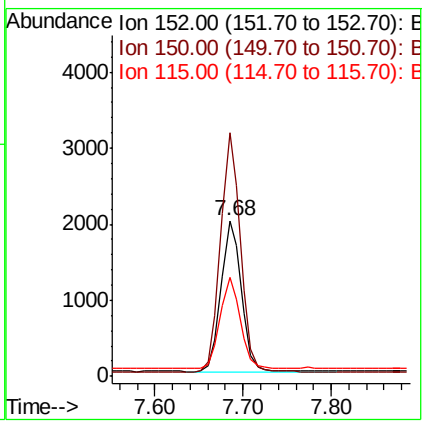


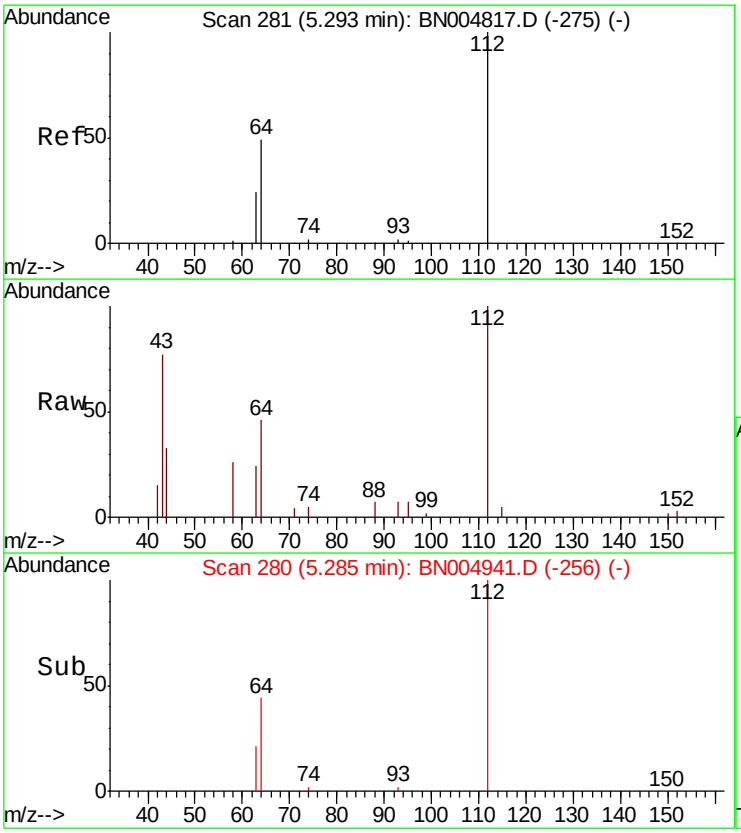
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:152 Resp: 3168

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.4
115	63.8	52.6	79.0

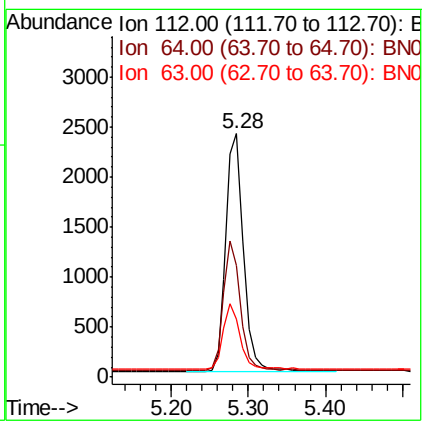


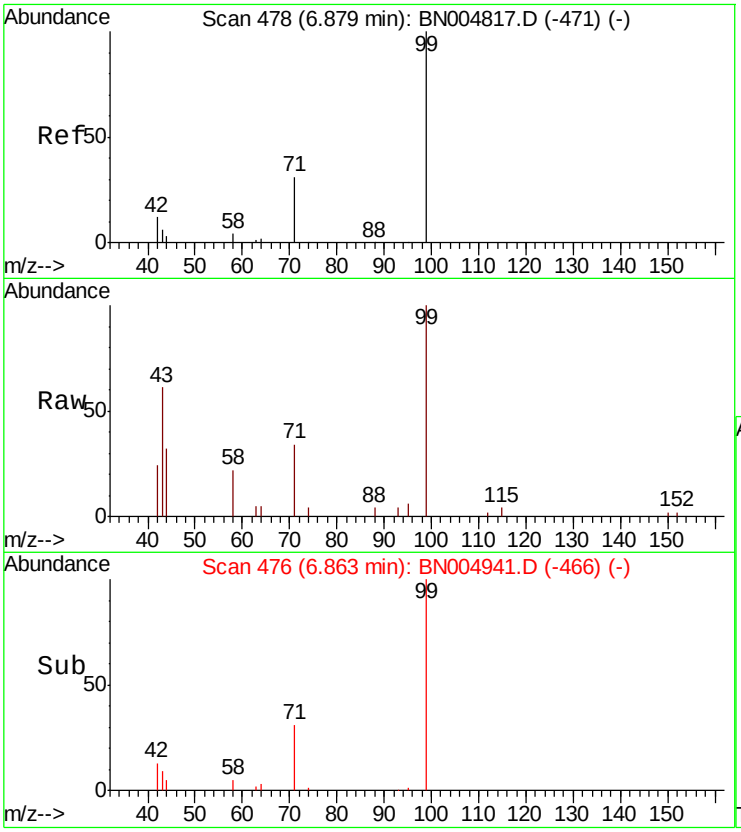


#4
2-Fluorophenol
Concen: 0.436 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:112 Resp: 3751

Ion	Ratio	Lower	Upper
112	100		
64	52.9	40.0	60.0
63	26.3	20.2	30.2



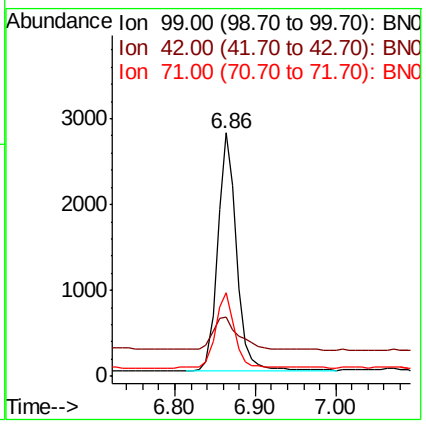


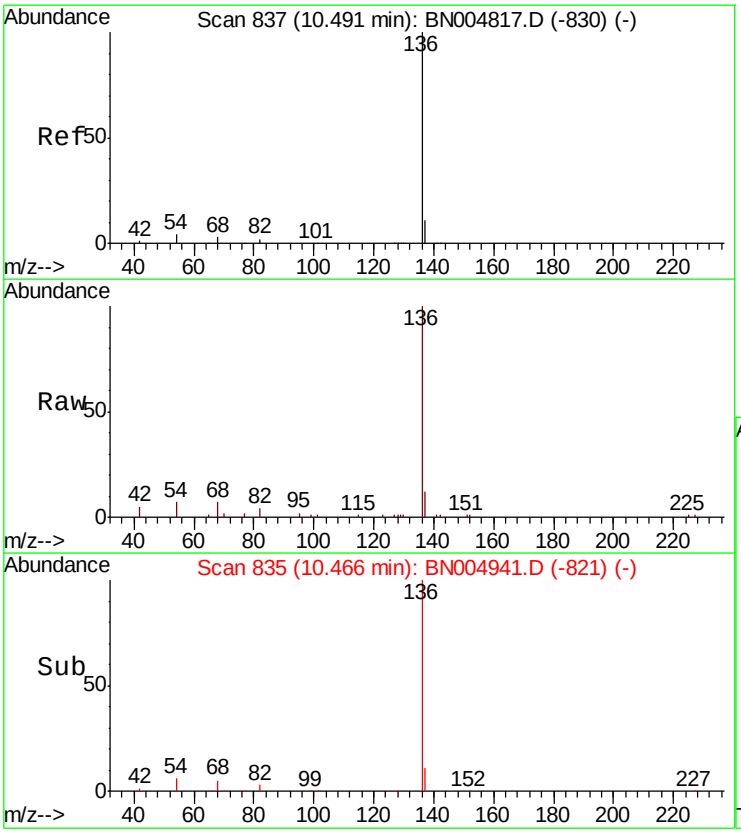
#5
Phenol-d6
Concen: 0.424 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion: 99 Resp: 4545

Ion	Ratio	Lower	Upper
99	100		
42	17.3	12.7	19.1
71	33.0	26.6	40.0

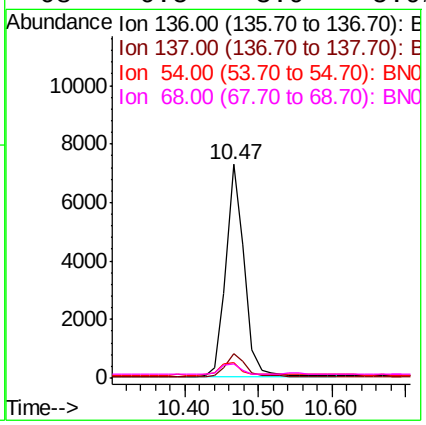


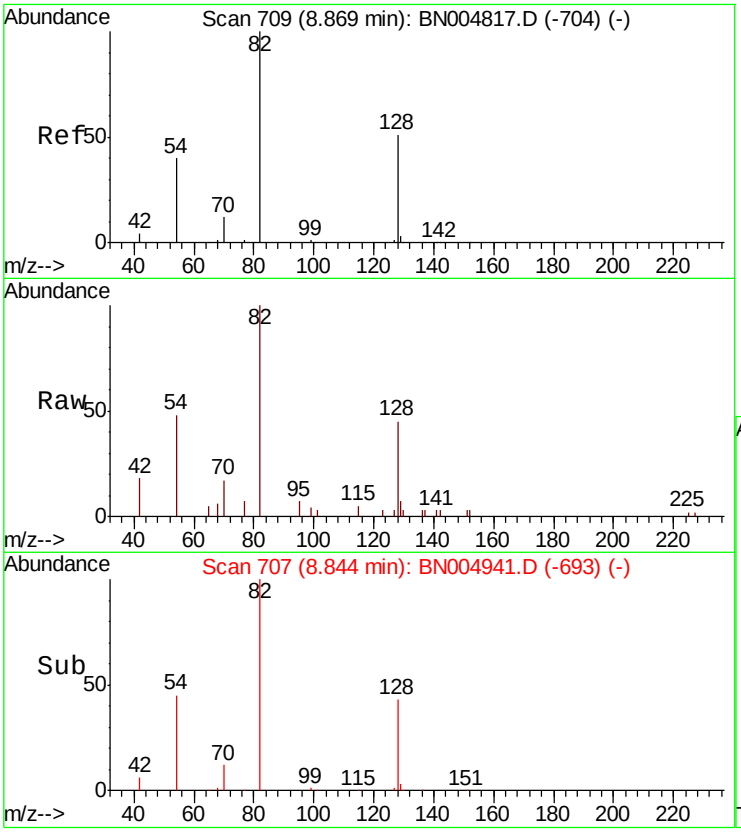


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:136 Resp: 12429

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	7.4	4.2	6.2#
68	6.5	3.9	5.9#



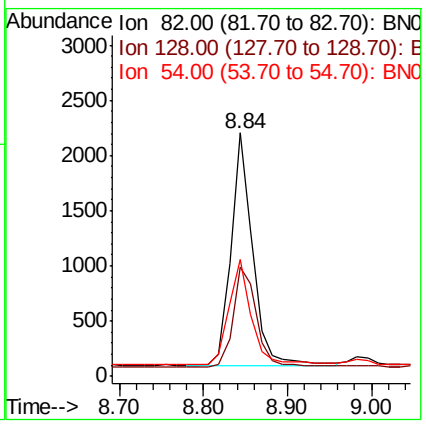


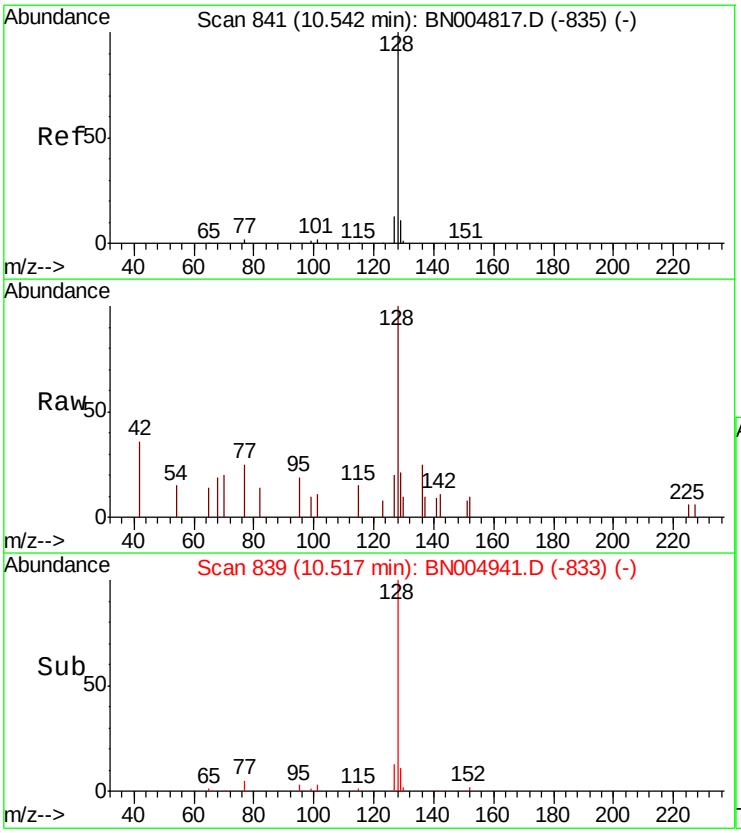
#8
Nitrobenzene-d5
Concen: 0.457 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion: 82 Resp: 3761

Ion	Ratio	Lower	Upper
82	100		
128	44.9	43.0	64.6
54	48.1	35.3	52.9

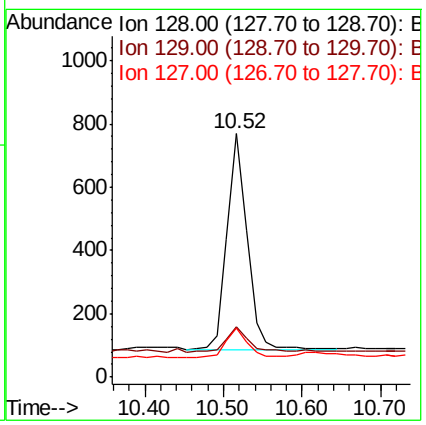


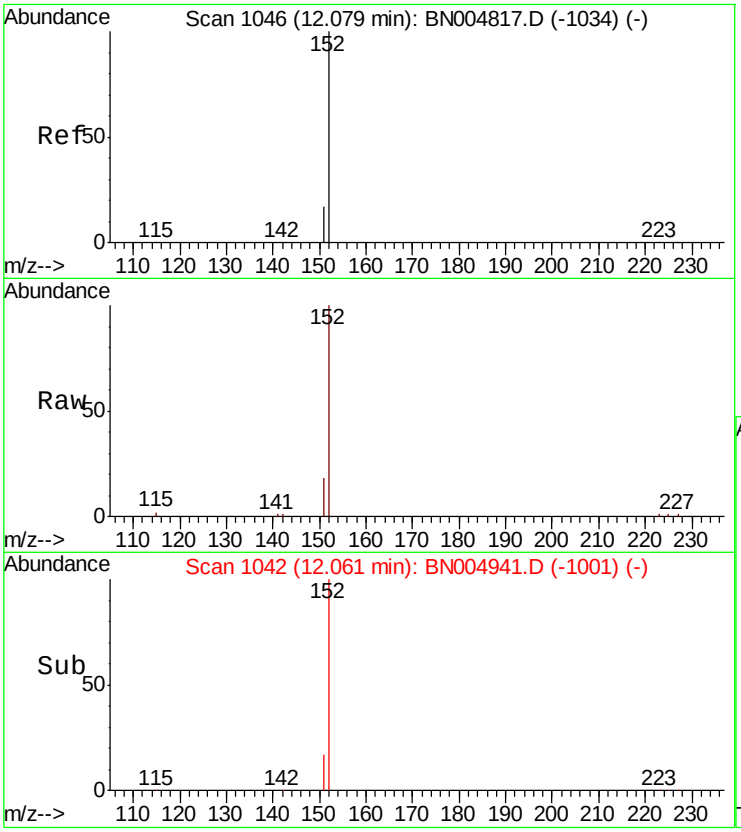


#9
Naphthalene
Concen: 0.035 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:128 Resp: 1236

Ion	Ratio	Lower	Upper
128	100		
129	20.8	9.9	14.9#
127	20.2	11.3	16.9#



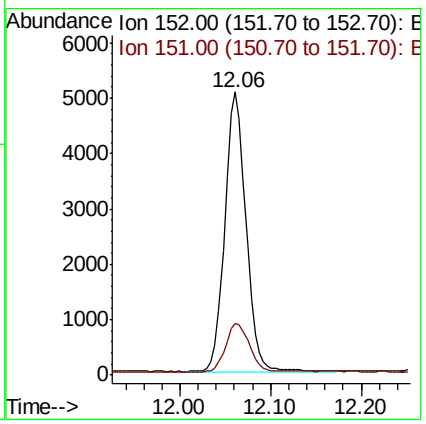


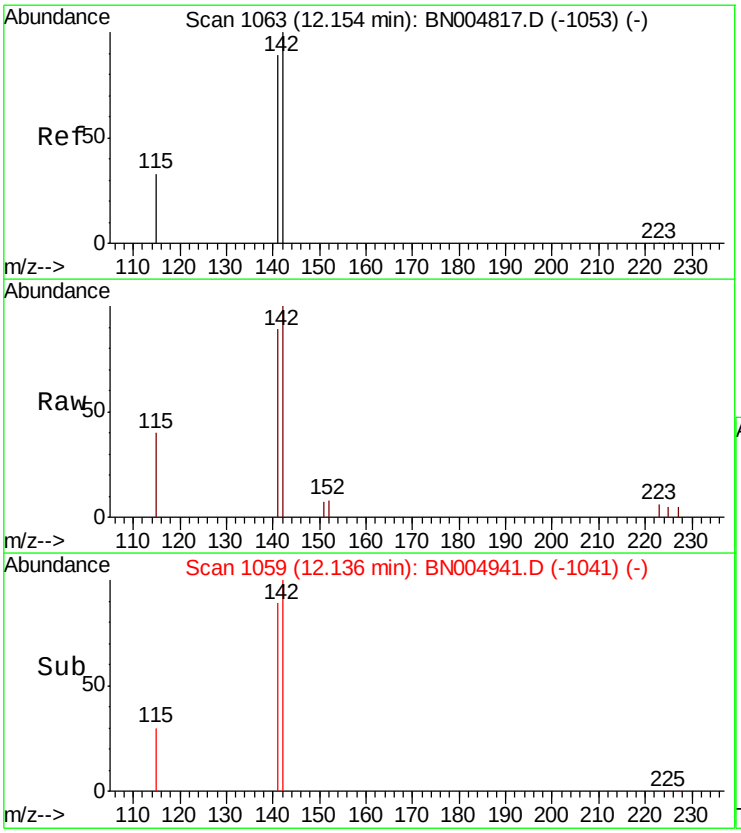
#11
2-Methylnaphthalene-d10
Concen: 0.376 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:152 Resp: 8152

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3

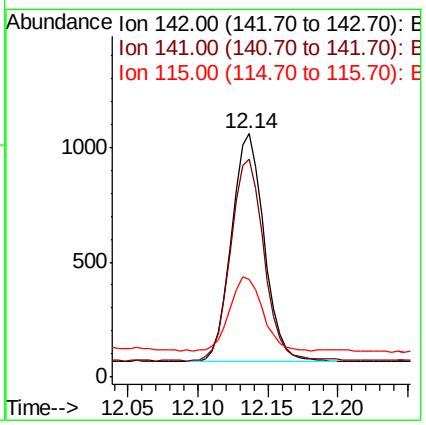


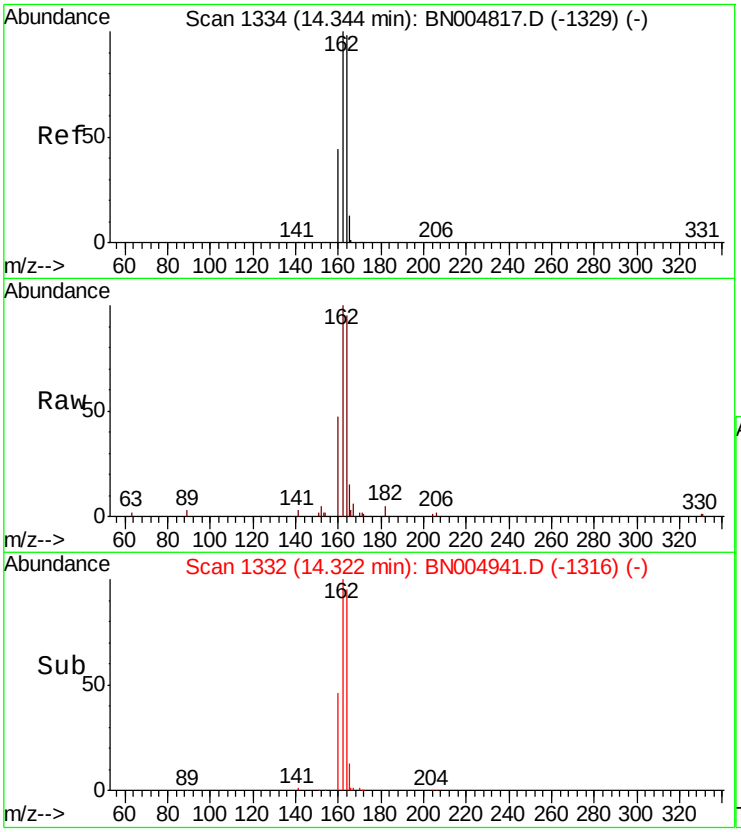


#12
2-Methylnaphthalene
Concen: 0.062 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:142 Resp: 1613

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	40.3	27.5	41.3



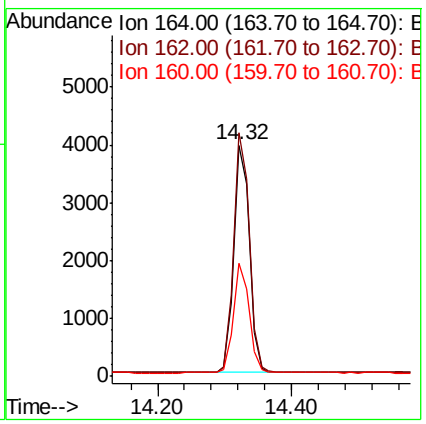


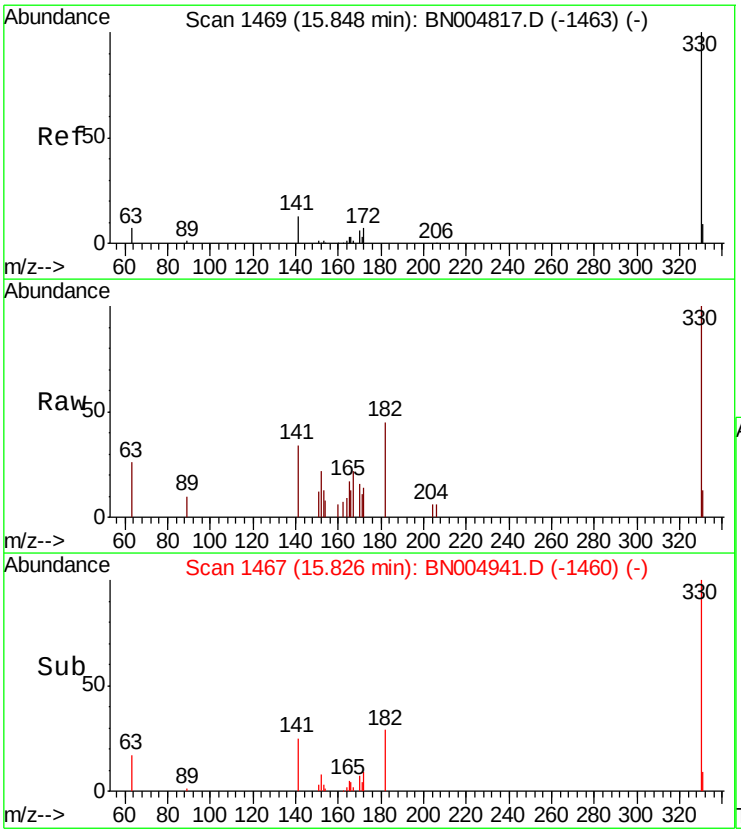
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:164 Resp: 6293

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.9	122.9
160	49.0	36.6	54.8

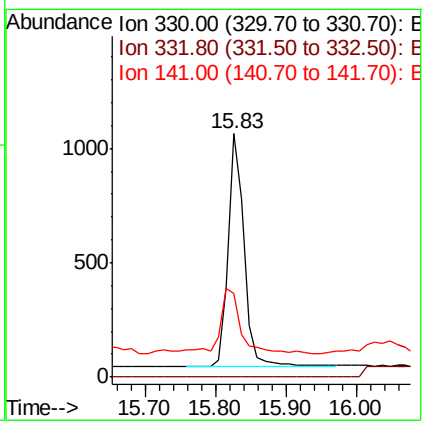


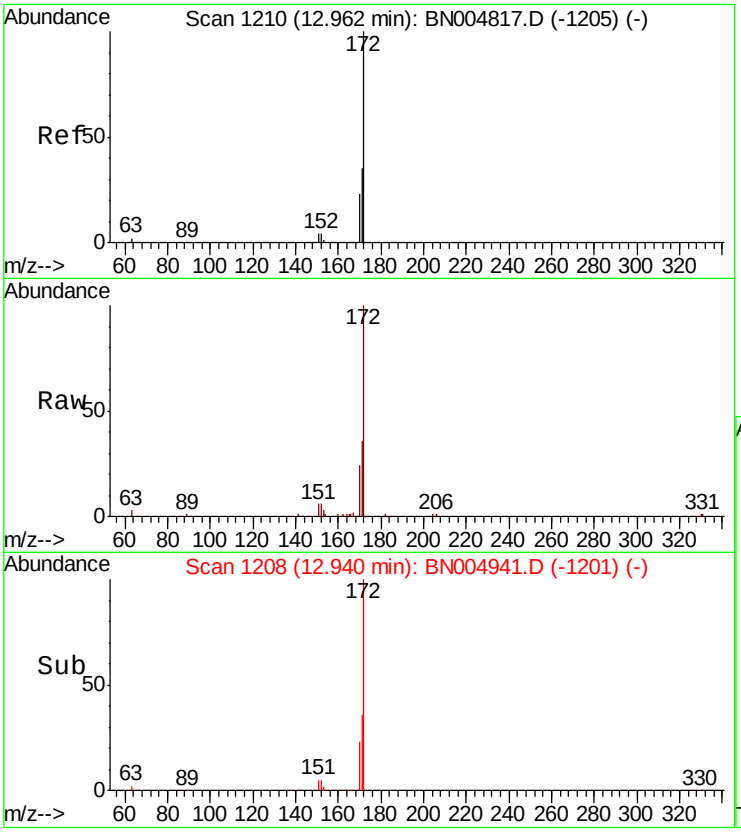


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:330 Resp: 1629

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	37.3	20.9	31.3#



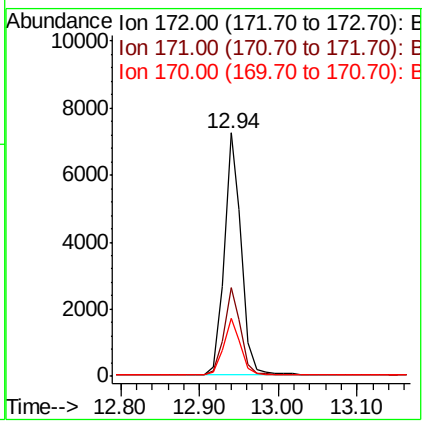


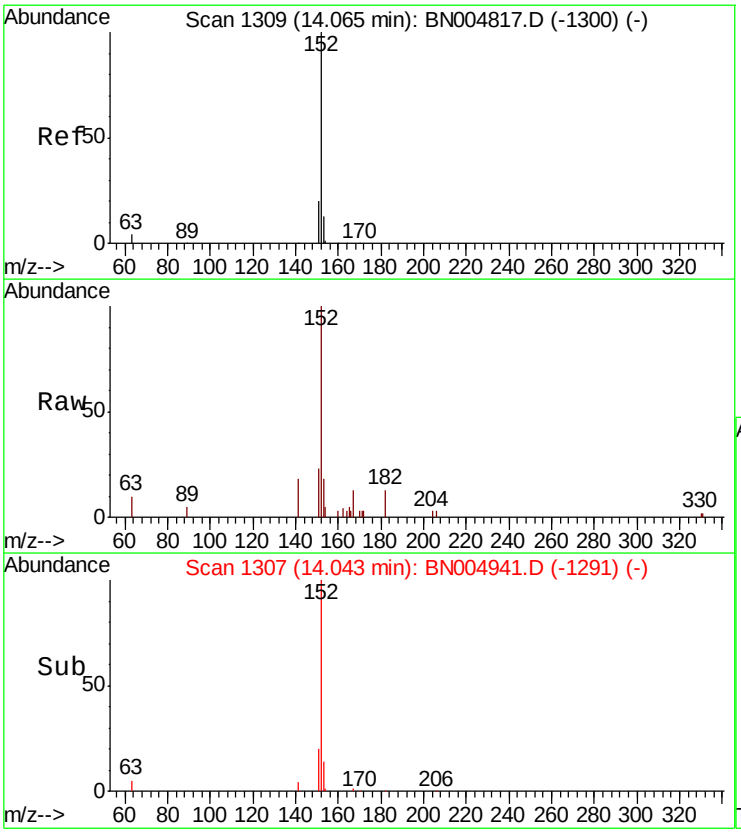
#15
2-Fluorobiphenyl
Concen: 0.420 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:172 Resp: 10933

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.7	43.1
170	24.0	18.7	28.1

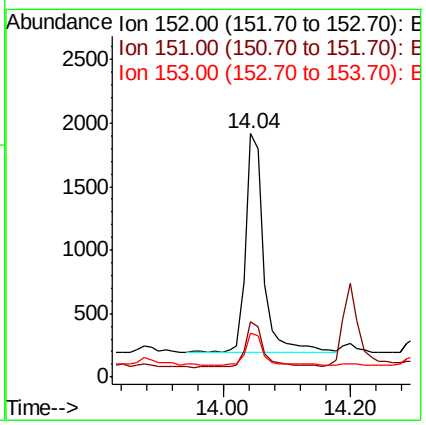


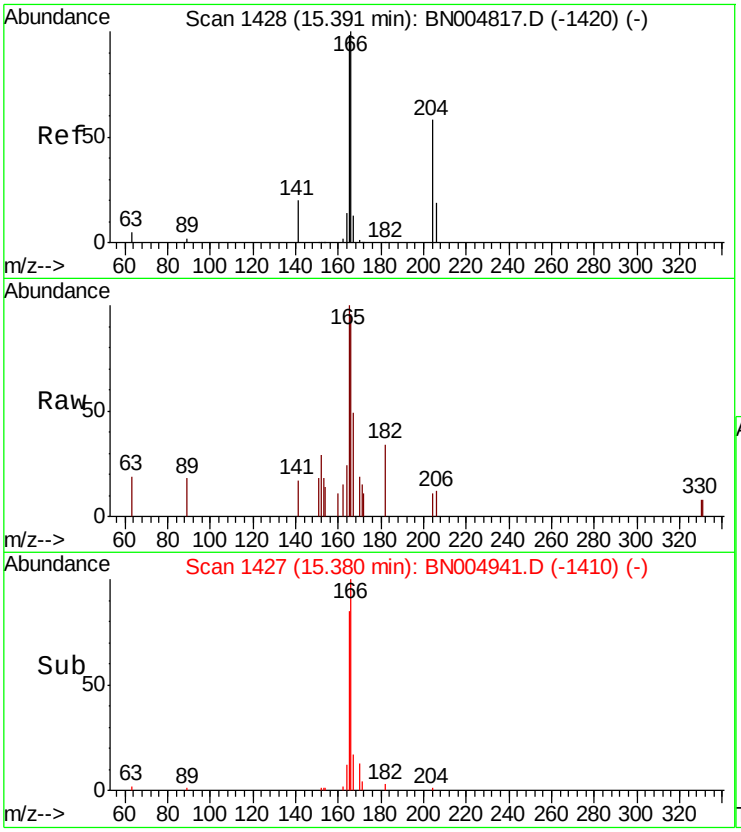


#16
Acenaphthylene
Concen: 0.105 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:152 Resp: 3391

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.1	24.1
153	14.9	10.5	15.7



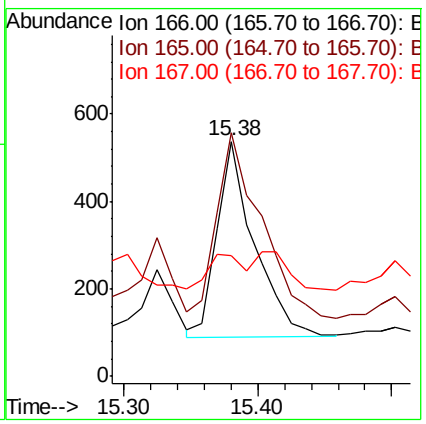


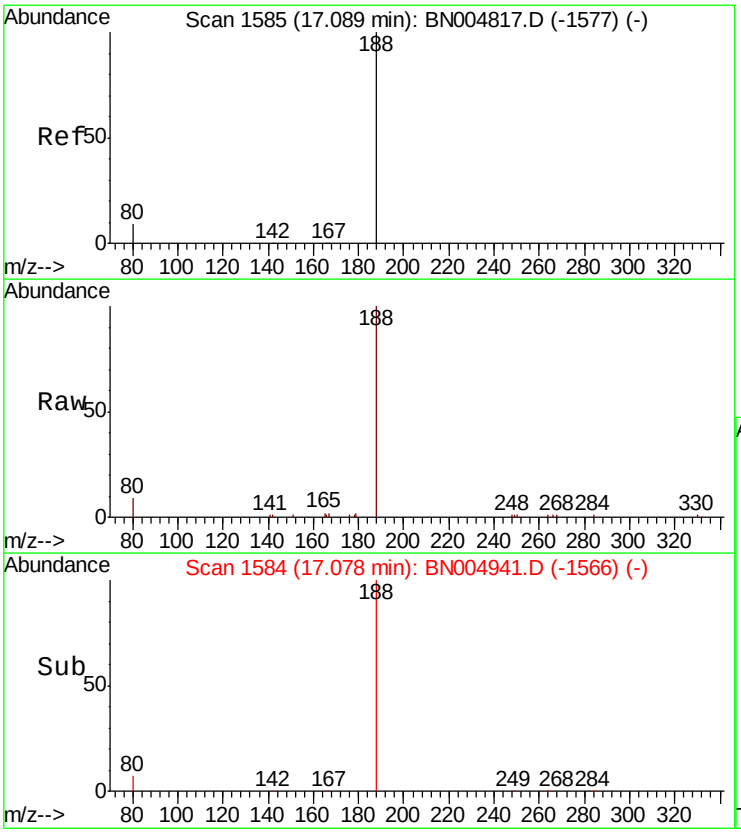
#18
Fluorene
Concen: 0.029 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:166 Resp: 871

Ion	Ratio	Lower	Upper
166	100		
165	113.2	78.2	117.4
167	16.3	11.0	16.4

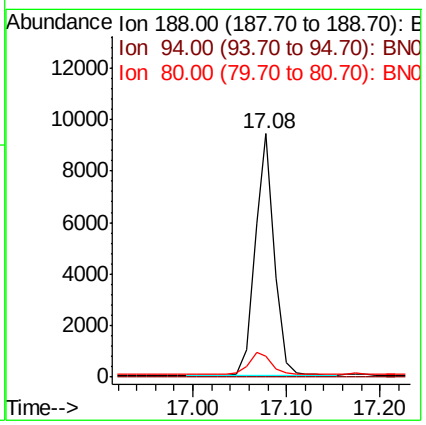


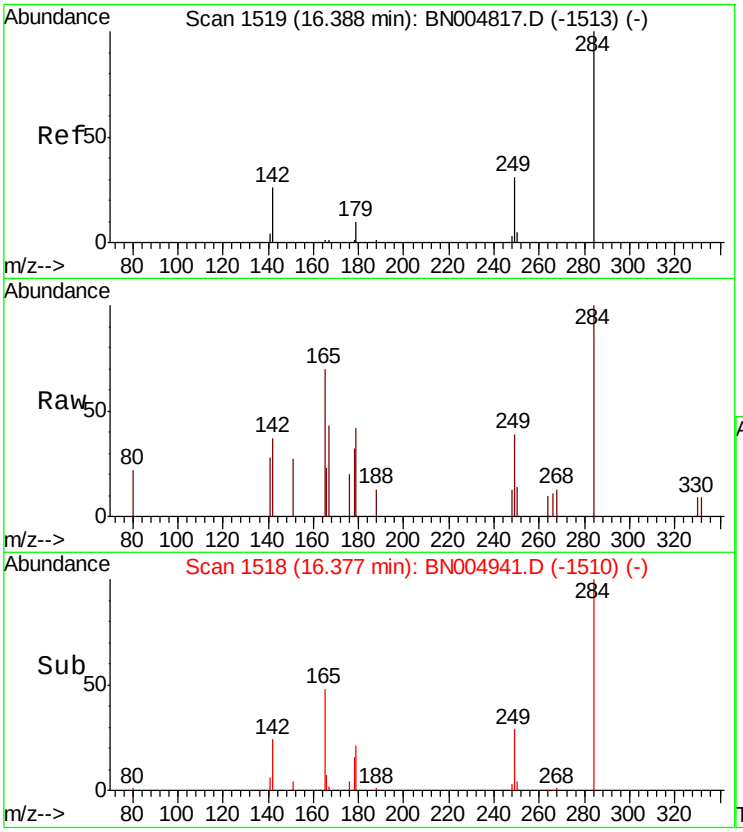


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:188 Resp: 13273

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.8	7.4	11.2



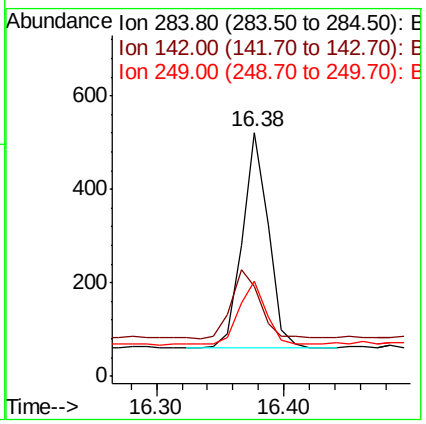


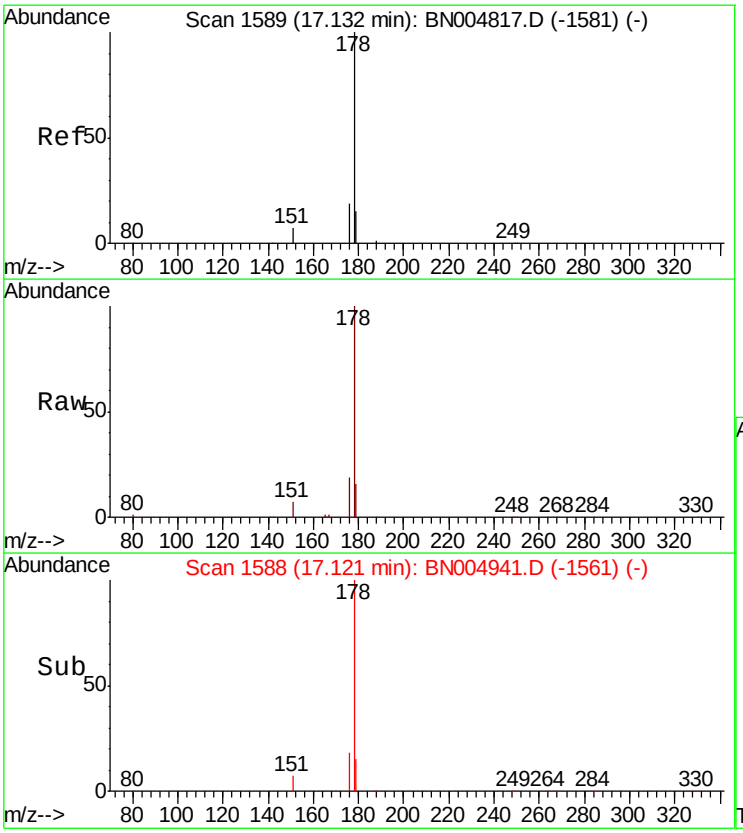
#21
Hexachlorobenzene
Concen: 0.066 ng
RT: 16.38 min Scan# 1518
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:284 Resp: 651

Ion	Ratio	Lower	Upper
284	100		
142	34.7	22.6	34.0#
249	32.3	22.5	33.7

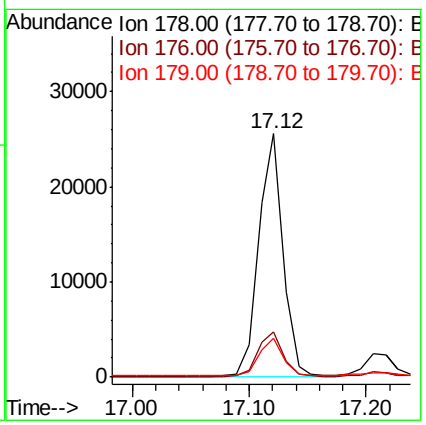


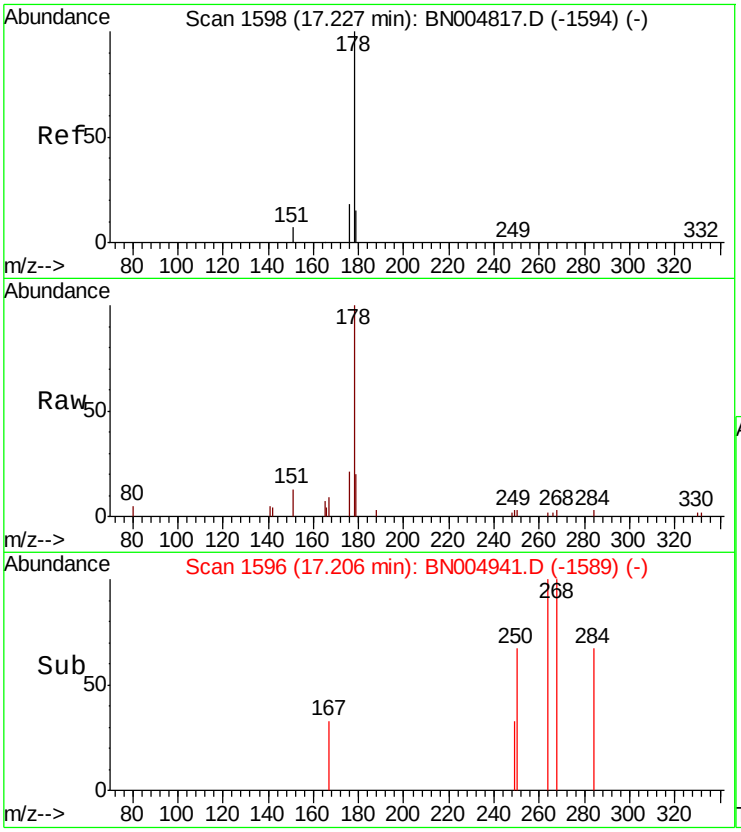


#23
Phenanthrene
Concen: 0.858 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:178 Resp: 36777

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	15.7	12.1	18.1



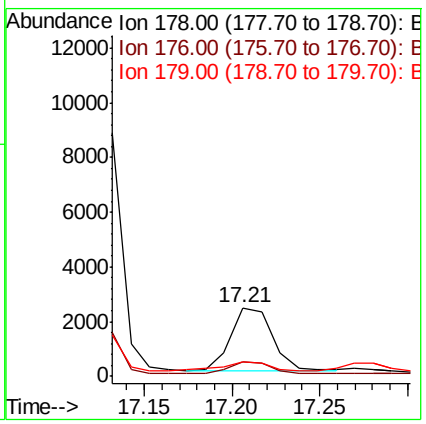


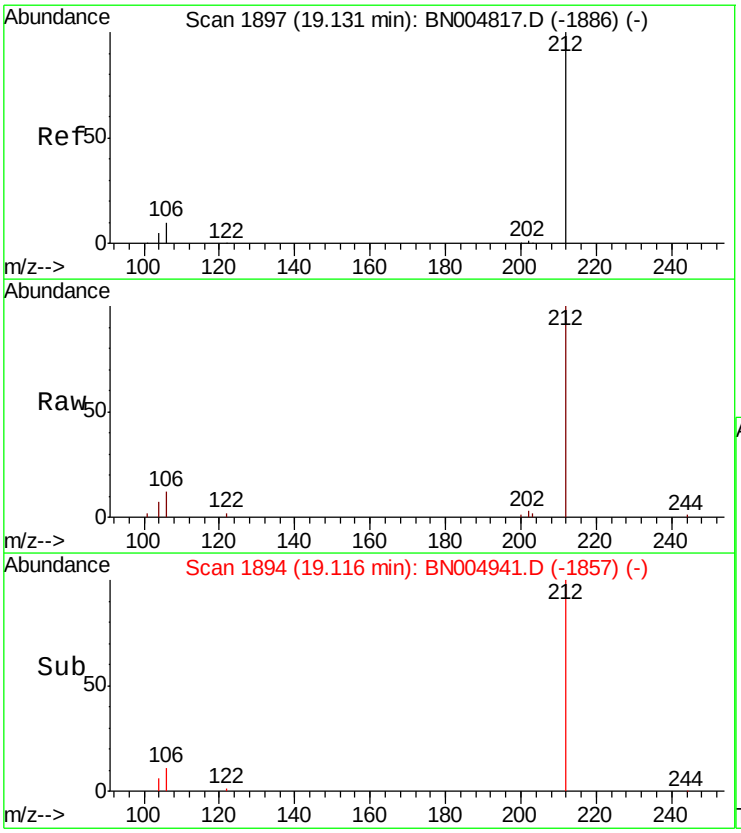
#24
Anthracene
Concen: 0.098 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:178 Resp: 3748

Ion	Ratio	Lower	Upper
178	100		
176	19.7	14.5	21.7
179	16.7	12.2	18.4

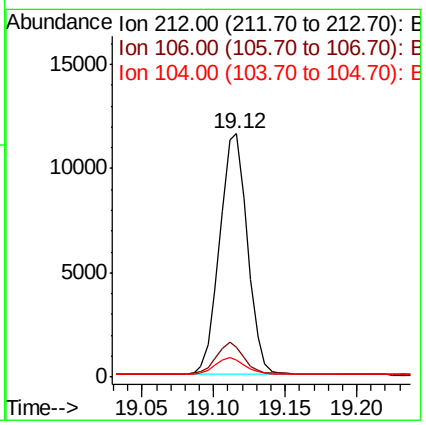


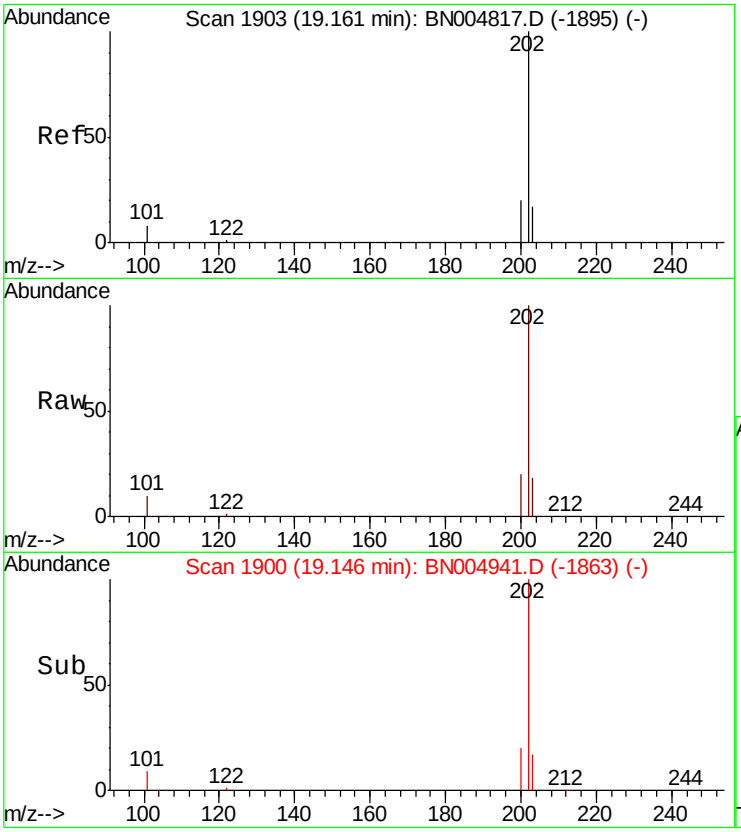


#25
Fluoranthene-d10
Concen: 0.349 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:212 Resp: 15533

Ion	Ratio	Lower	Upper
212	100		
106	12.8	8.6	13.0
104	7.2	4.7	7.1#



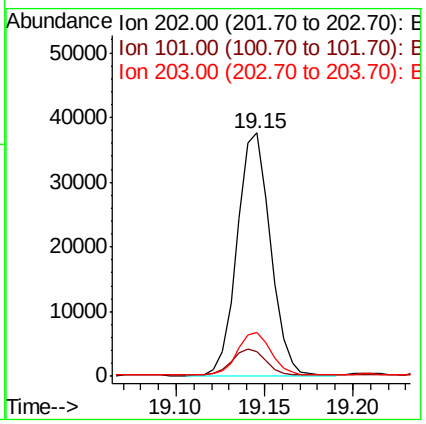


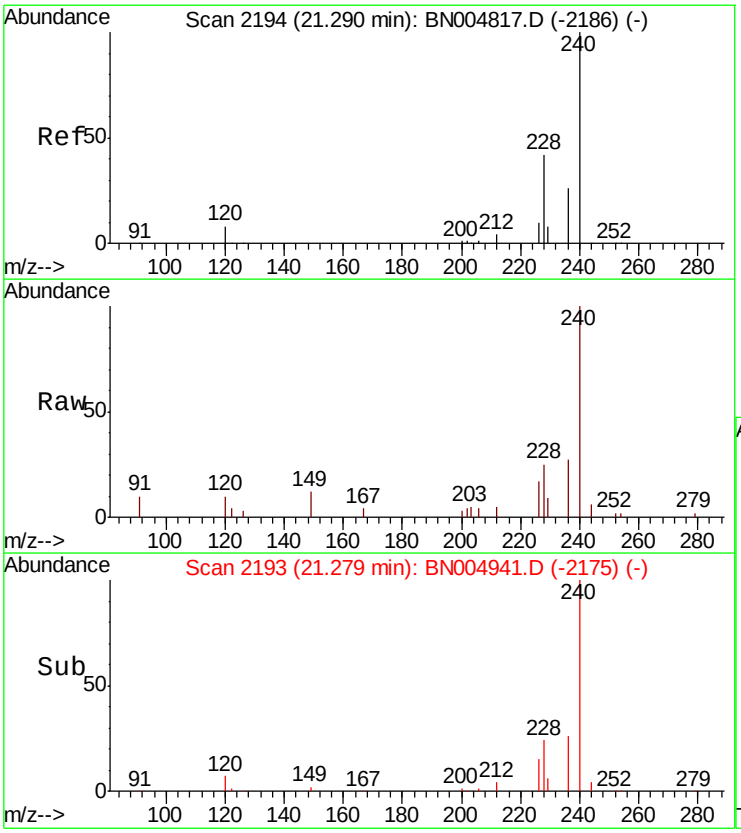
#26
Fluoranthene
Concen: 0.885 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:202 Resp: 48771

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.5	11.3
203	17.6	13.8	20.6

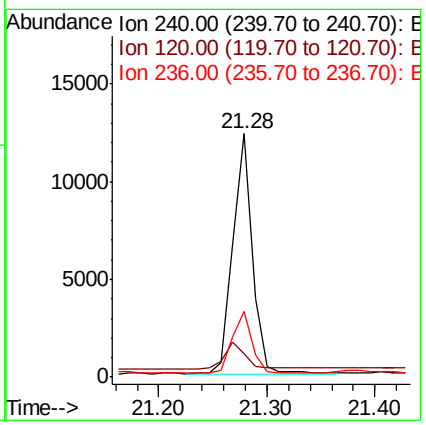


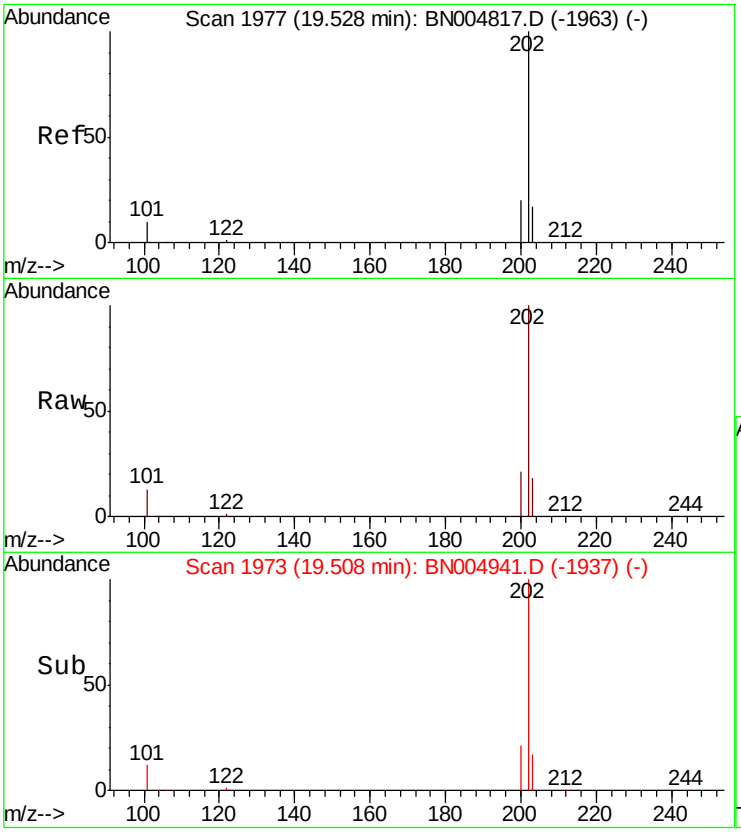


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:240 Resp: 15373

Ion	Ratio	Lower	Upper
240	100		
120	9.8	7.2	10.8
236	27.0	20.9	31.3



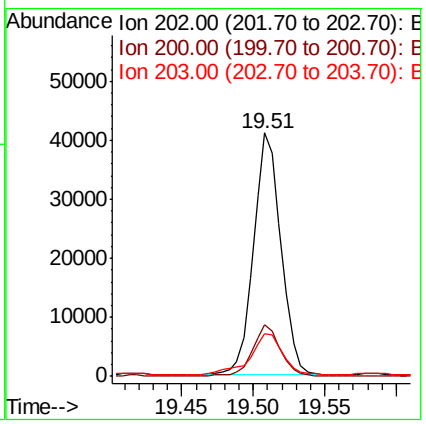


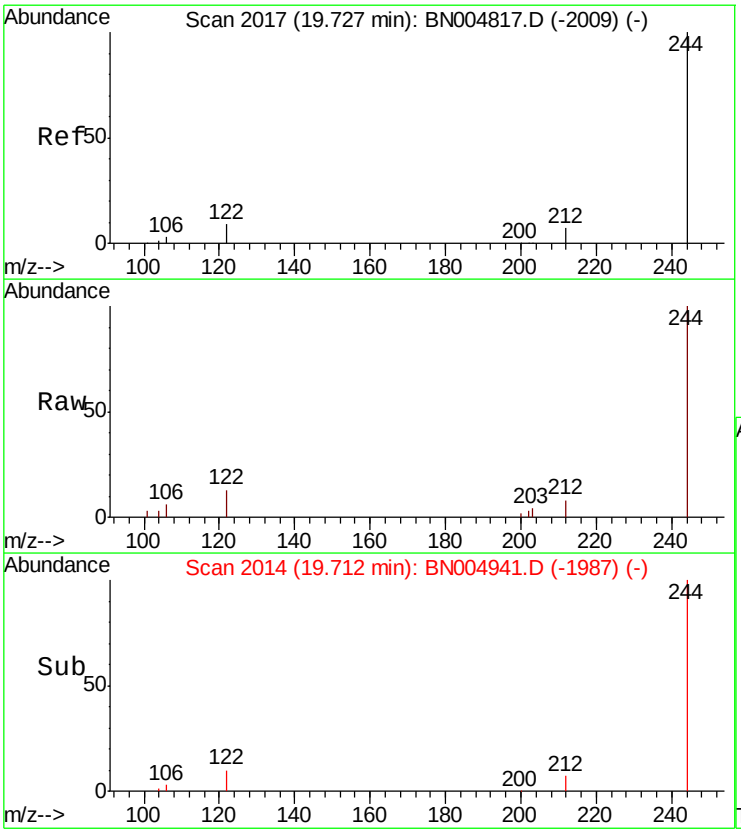
#28
Pyrene
Concen: 1.168 ng
RT: 19.51 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:202 Resp: 54747

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	20.4	14.0	21.0

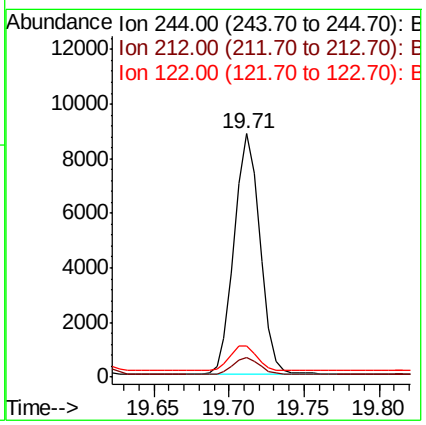


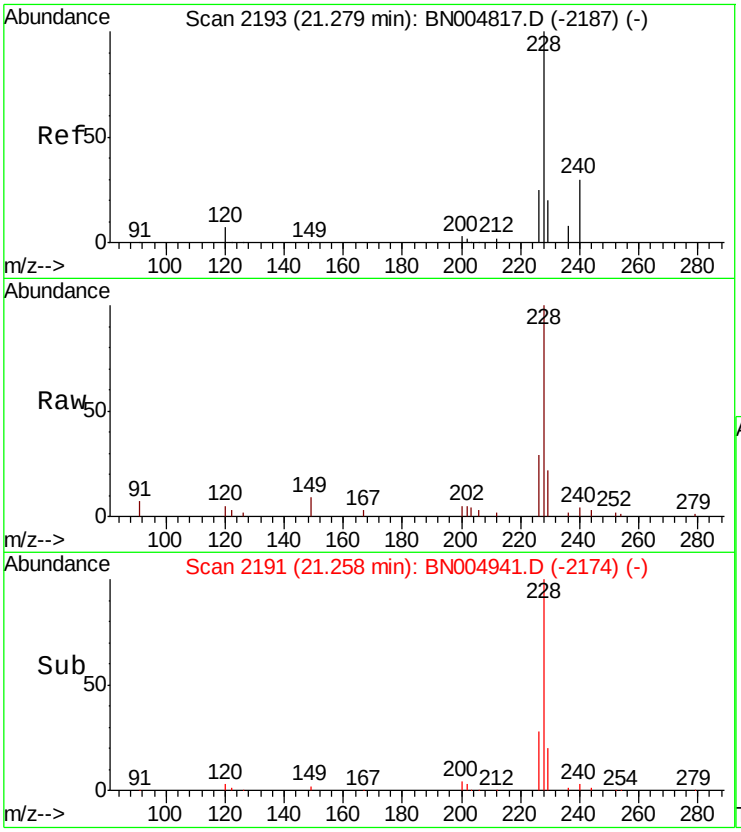


#29
Terphenyl-d14
Concen: 0.334 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:244 Resp: 10494

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



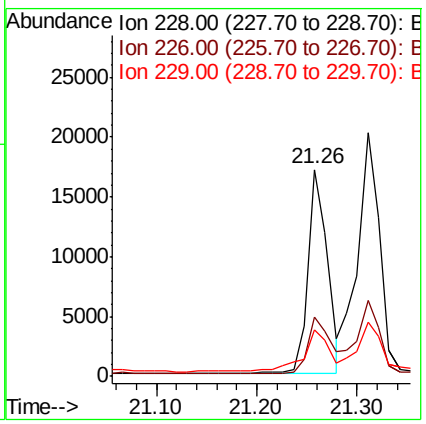


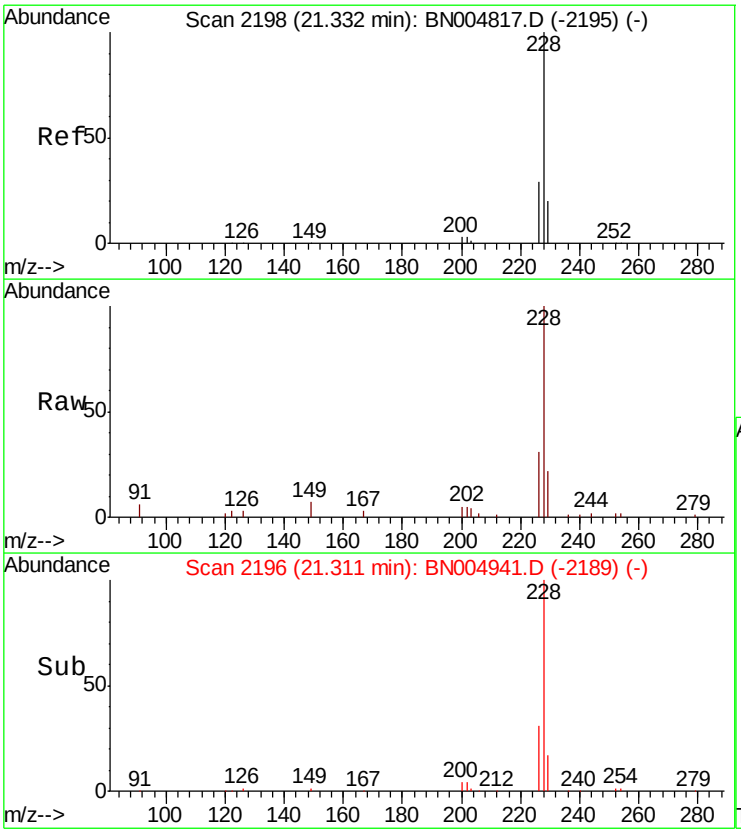
#30
Benzo(a)anthracene
Concen: 0.463 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:228 Resp: 23337

Ion	Ratio	Lower	Upper
228	100		
226	28.9	20.6	31.0
229	22.3	16.2	24.4

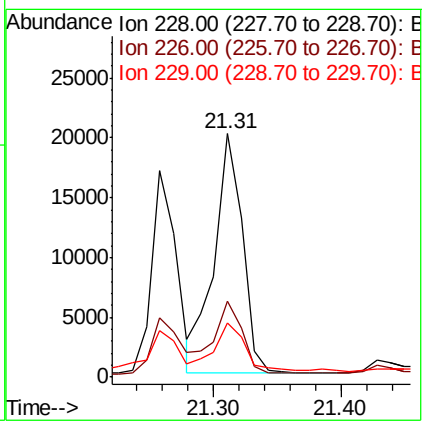


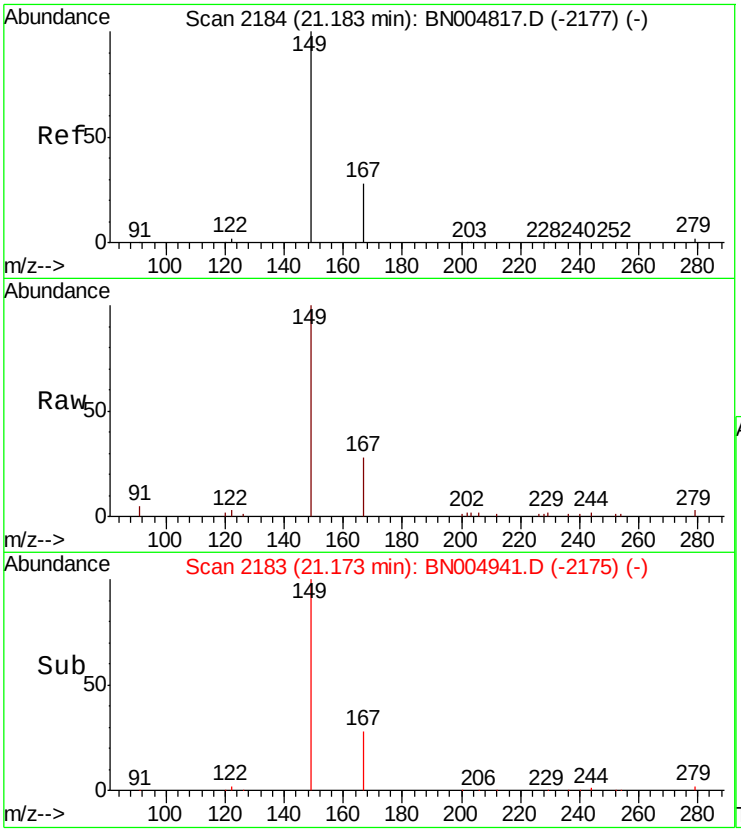


#31
Chrysene
Concen: 0.579 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:228 Resp: 30755

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.0	34.6
229	22.4	16.2	24.2



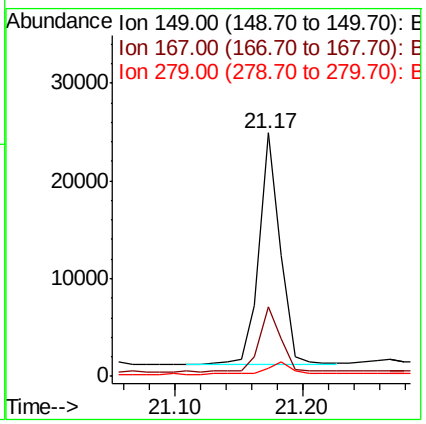


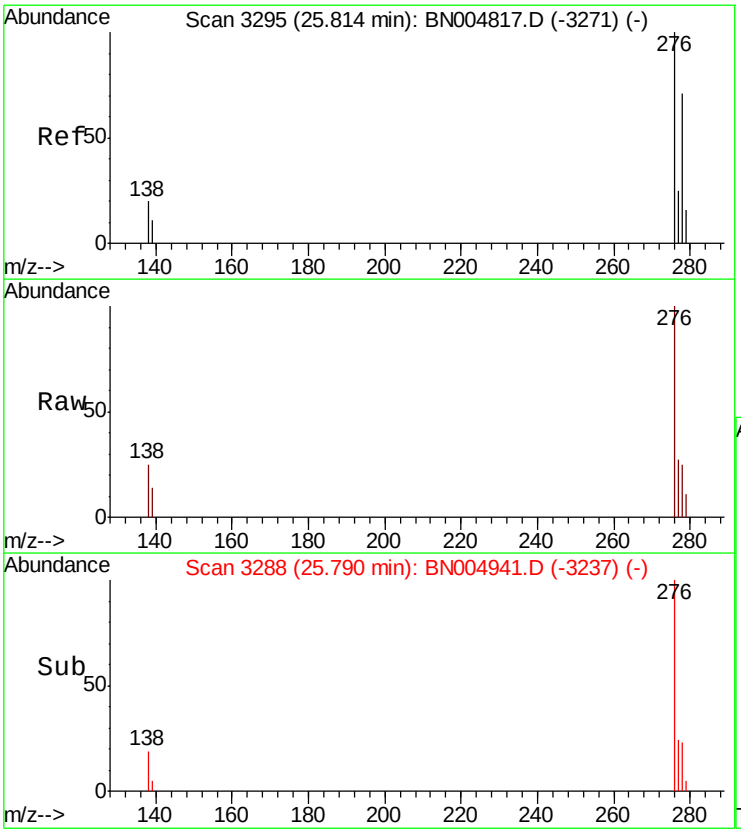
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.352 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:149 Resp: 27241

Ion	Ratio	Lower	Upper
149	100		
167	28.1	23.0	34.4
279	5.2	4.6	6.8

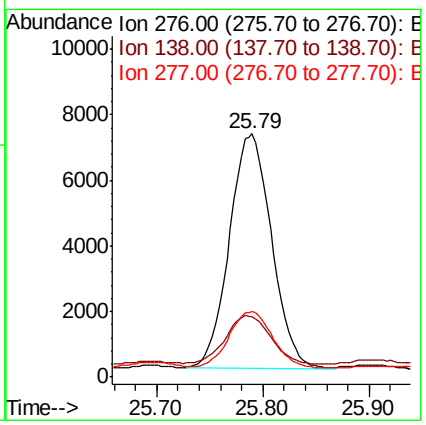


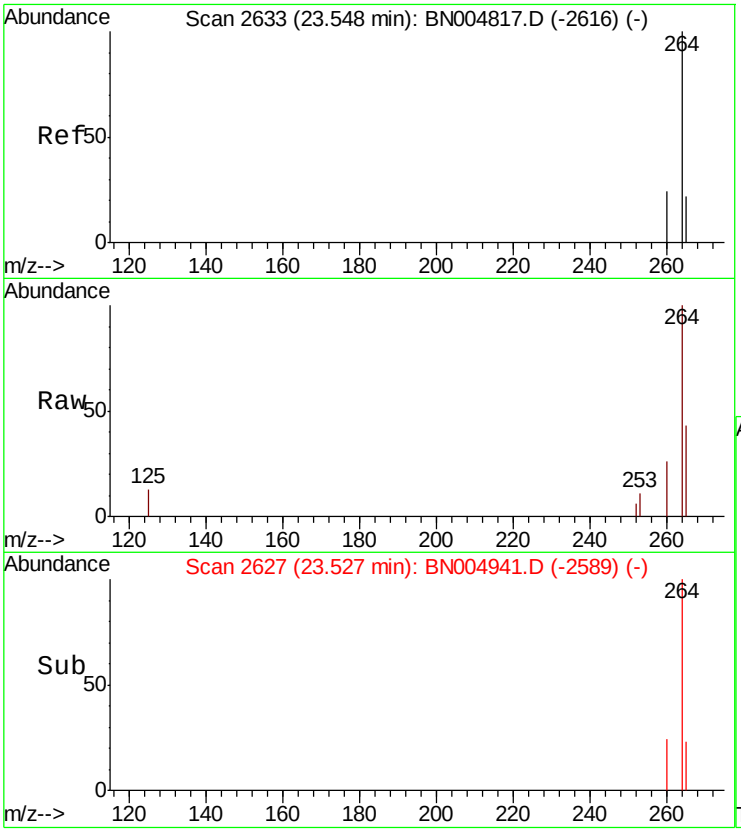


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.257 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:276 Resp: 19759

Ion	Ratio	Lower	Upper
276	100		
138	21.8	16.6	24.8
277	24.6	20.3	30.5



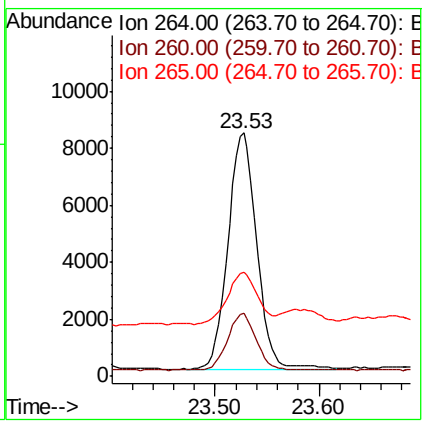


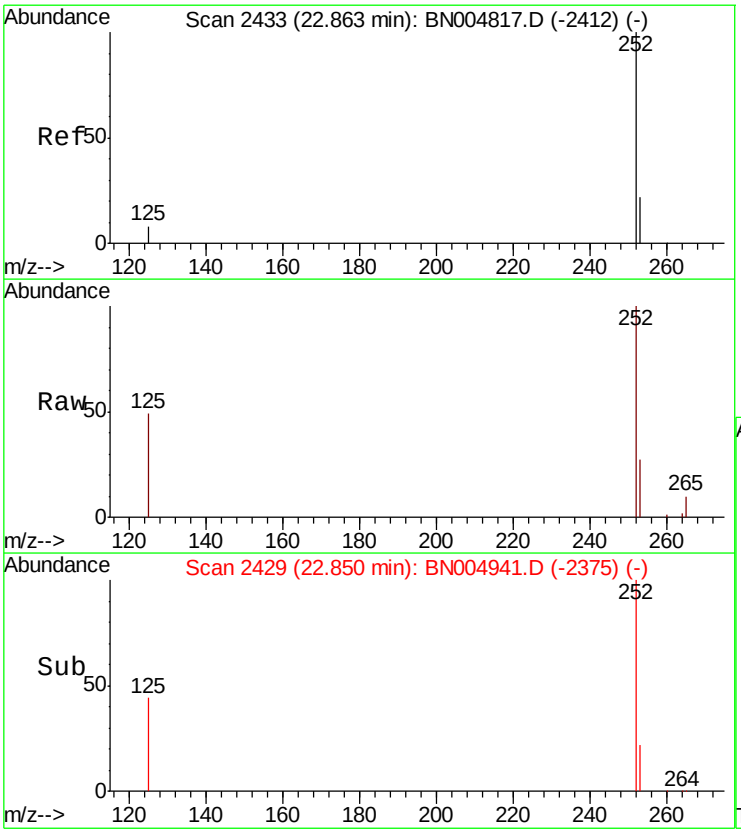
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:264 Resp: 15980

Ion	Ratio	Lower	Upper
264	100		
260	25.8	19.5	29.3
265	42.9	23.1	34.7#

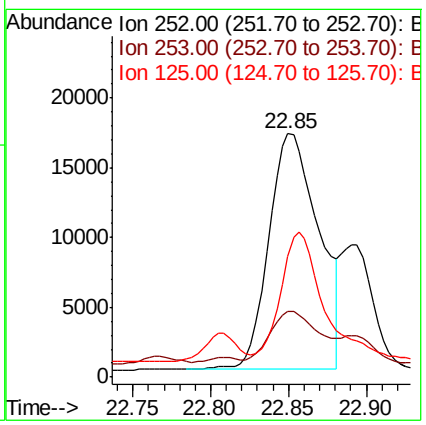


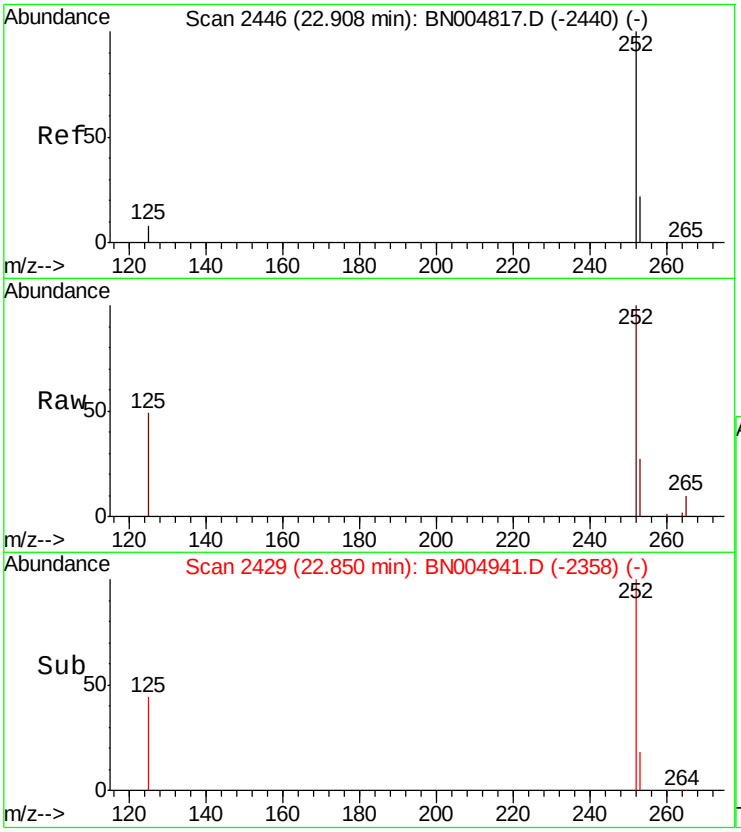


#35
Benzo(b)fluoranthene
Concen: 0.656 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:252 Resp: 37937

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.0	28.4
125	49.5	7.4	11.2#



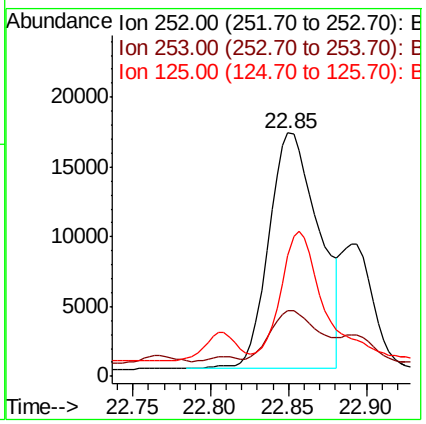


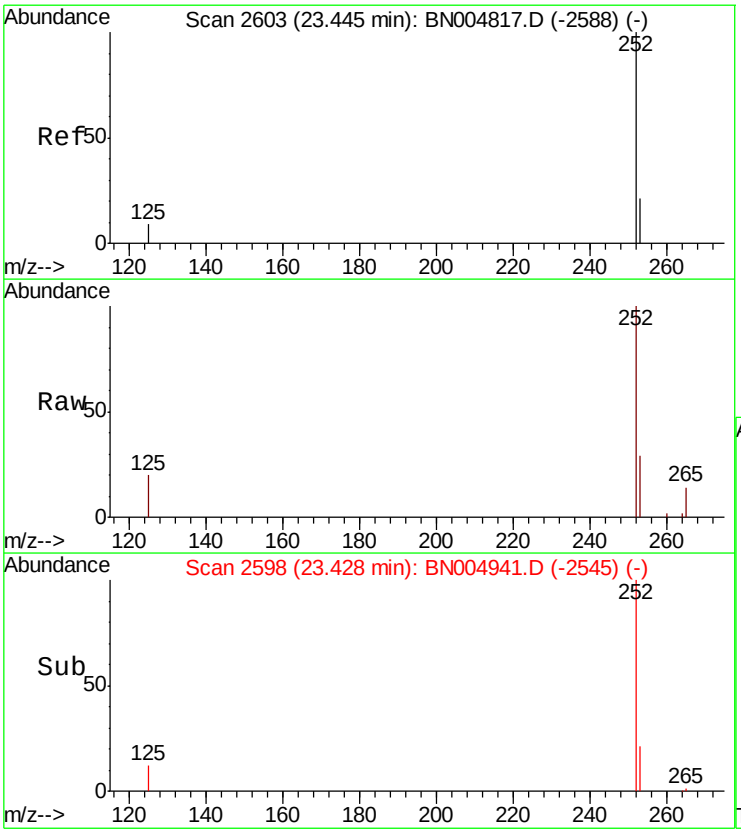
#36
Benzo(k)fluoranthene
Concen: 0.667 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.06 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:252 Resp: 37937

Ion	Ratio	Lower	Upper
252	100		
253	26.9	19.3	28.9
125	49.5	7.4	11.0#

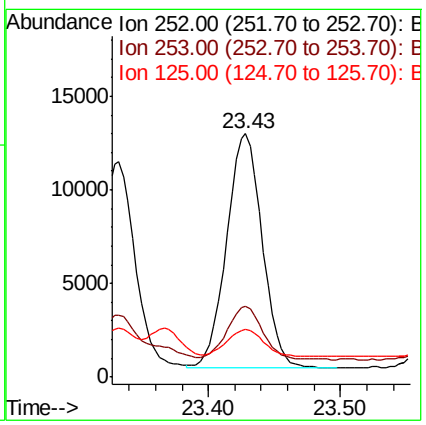


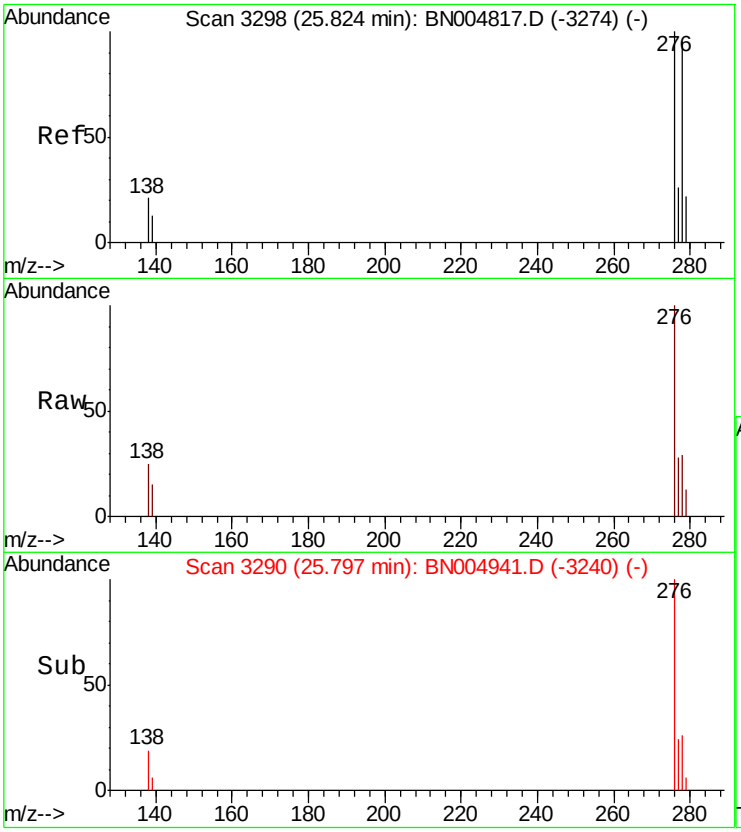


#37
Benzo(a)pyrene
Concen: 0.441 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:252 Resp: 23407

Ion	Ratio	Lower	Upper
252	100		
253	28.9	19.7	29.5
125	19.6	8.3	12.5#



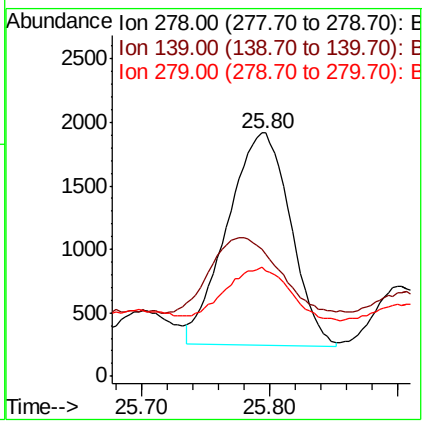


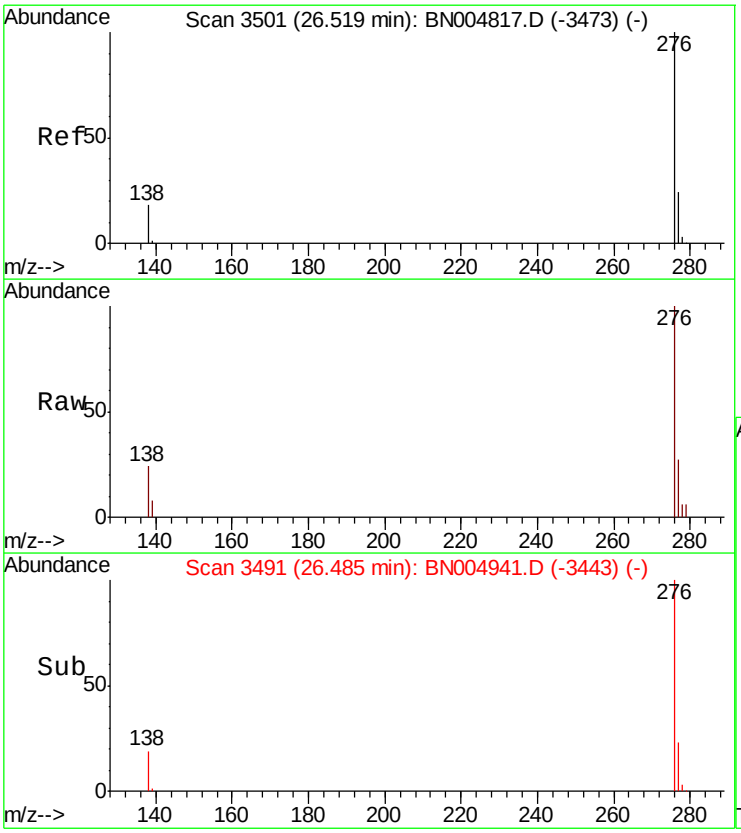
#38
Dibenzo(a,h)anthracene
Concen: 0.094 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW036-031919

Tgt Ion:278 Resp: 5767

Ion	Ratio	Lower	Upper
278	100		
139	50.3	11.7	17.5#
279	43.4	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.334 ng
RT: 26.48 min Scan# 3491
Delta R.T. -0.03 min
Lab File: BN004941.D
Acq: 24 Mar 2019 16:26

Tgt Ion:276 Resp: 20875

Ion	Ratio	Lower	Upper
276	100		
277	27.0	19.7	29.5
138	24.5	14.6	22.0#