Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004947.D
Acq On : 24 Mar 2019 19:57
Operator : JU/SJ
Sample : K2015-18
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-073-B159-031919

Quant Time: Mar 25 02:58:01 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	3176	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	12520	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	6577	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	14659	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	17354	0.40	ng		-0.01
34) Perylene-d12	23.52	264	18311	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3376	0.39	ng		0.00
5) Phenol-d6	6.86	99	4109	0.38	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3408	0.41	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7211	0.33	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1699	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	9738	0.36	ng		-0.02
25) Fluoranthene-d10	19.12	212	16116	0.33	ng		-0.02
29) Terphenyl-d14	19.71	244	13897	0.39	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	91	0.025	ng	#	27
9) Naphthalene	10.52	128	1379	0.039	ng	#	82
12) 2-Methylnaphthalene	12.14	142	917	0.035	ng	#	94
16) Acenaphthylene	14.05	152	2924	0.086	ng		97
18) Fluorene	15.38	166	810	0.026	ng	#	78
23) Phenanthrene	17.12	178	19089	0.403	ng		99
24) Anthracene	17.22	178	3595	0.085	ng		98
26) Fluoranthene	19.15	202	49786	0.818	ng	#	97
28) Pyrene	19.51	202	47424	0.896	ng		96
30) Benzo(a)anthracene	21.26	228	25735	0.452	ng		92
31) Chrysene	21.31	228	30087	0.502	ng		94
32) Bis(2-ethylhexyl)phthalate	21.17	149	23958	1.054	ng		98
33) Indeno(1,2,3-cd)pyrene	25.79	276	21594	0.249	ng		98
35) Benzo(b)fluoranthene	22.85	252	41958	0.633	ng	#	80
36) Benzo(k)fluoranthene	22.85	252	41958	0.644	ng	#	81
37) Benzo(a)pyrene	23.42	252	26604	0.438	ng	#	84
38) Dibenzo(a,h)anthracene	25.79	278	6129	0.087	ng	#	26
39) Benzo(g,h,i)perylene	26.49	276	22016	0.307	ng	#	87

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

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QLast Update : Wed Mar 20 16:06:20 2019
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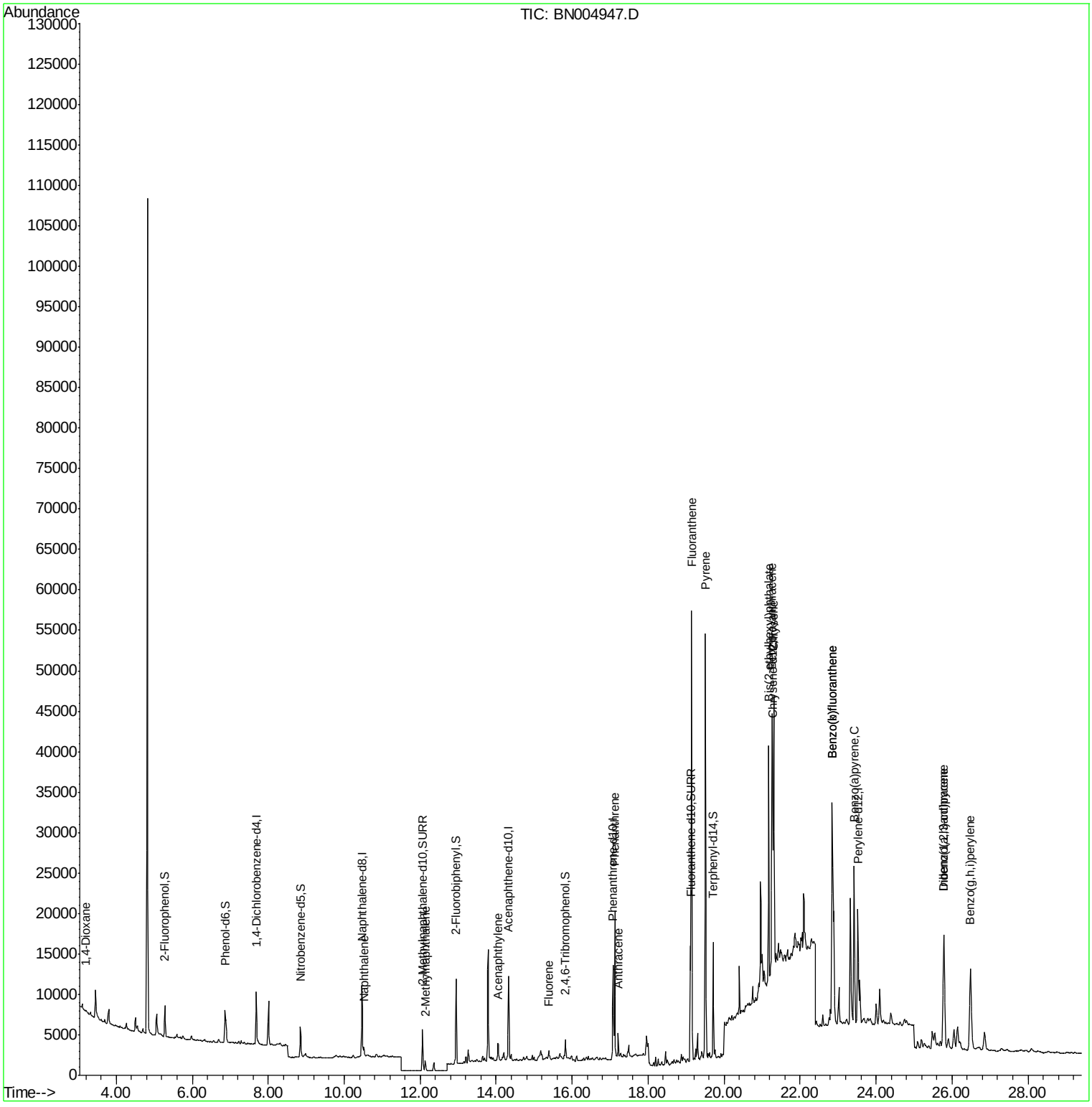
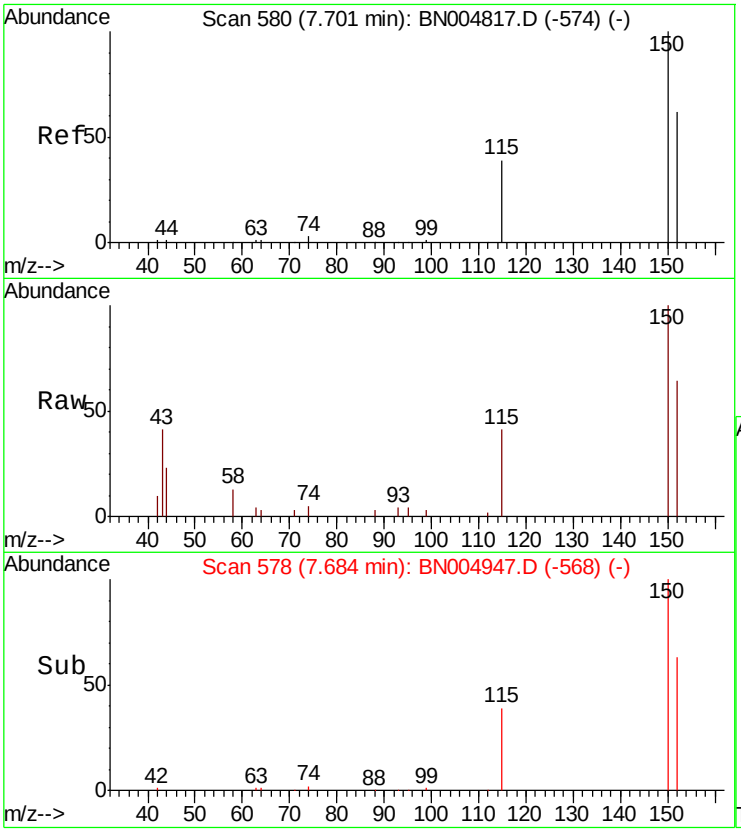


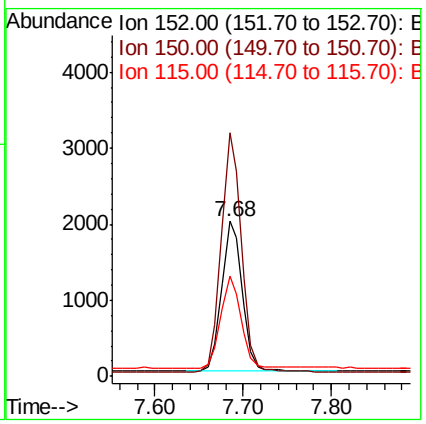


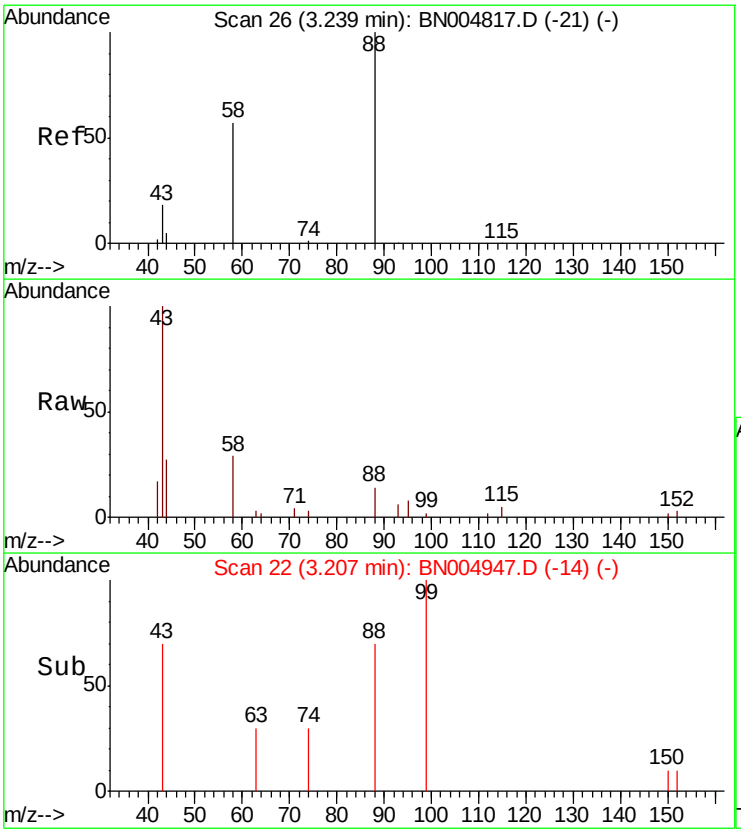
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:152 Resp: 3176

Ion	Ratio	Lower	Upper
152	100		
150	157.0	126.2	189.4
115	65.1	52.6	79.0

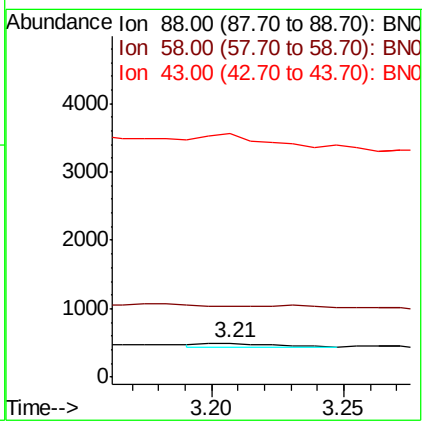


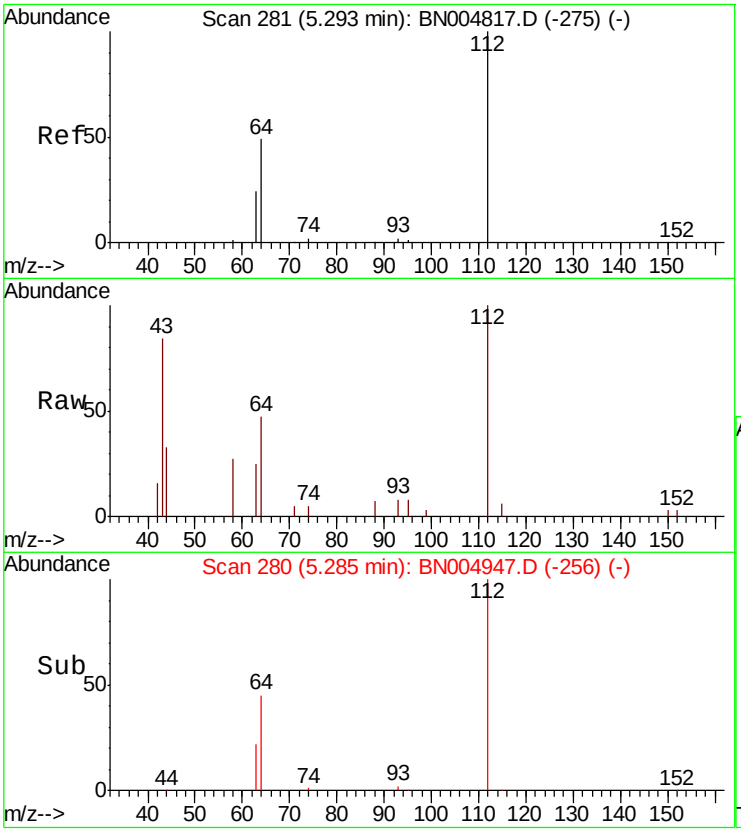


#2
1,4-Dioxane
Concen: 0.025 ng
RT: 3.21 min Scan# 22
Delta R.T. -0.03 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion: 88 Resp: 91

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.4	77.2#
43	0.0	20.0	30.0#



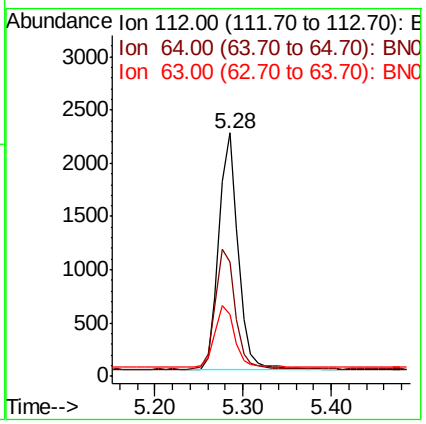


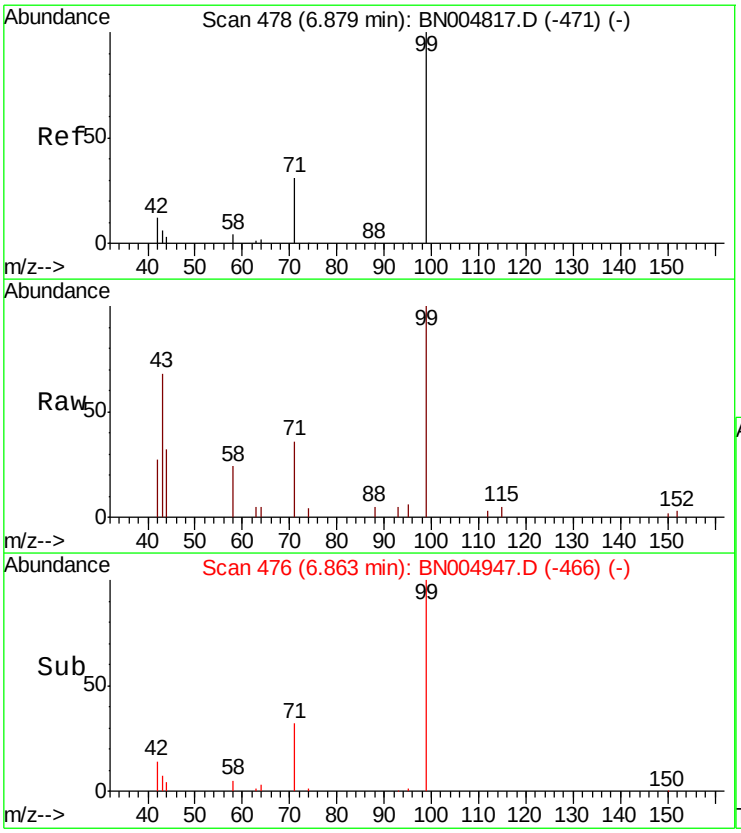
#4
2-Fluorophenol
Concen: 0.391 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:112 Resp: 3376

Ion	Ratio	Lower	Upper
112	100		
64	51.7	40.0	60.0
63	27.4	20.2	30.2

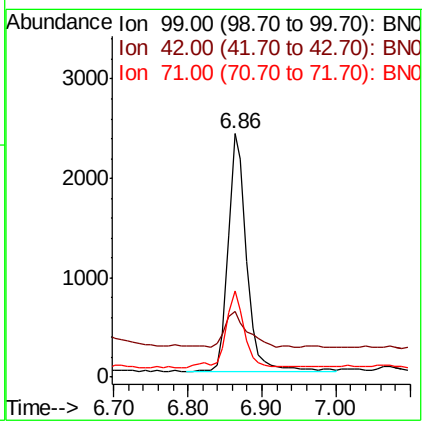


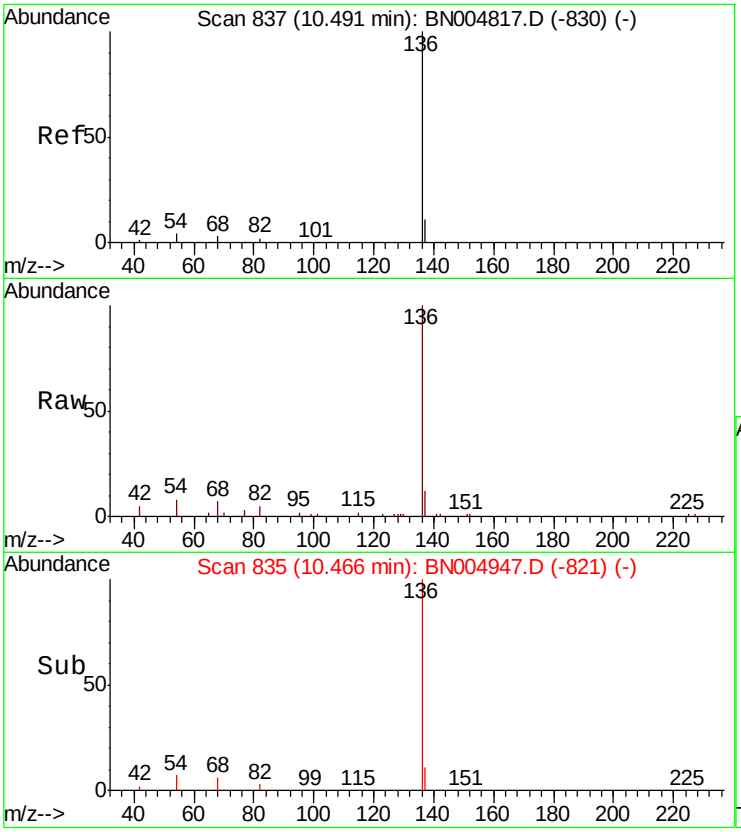


#5
Phenol-d6
Concen: 0.382 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion: 99 Resp: 4109

Ion	Ratio	Lower	Upper
99	100		
42	18.8	12.7	19.1
71	33.4	26.6	40.0



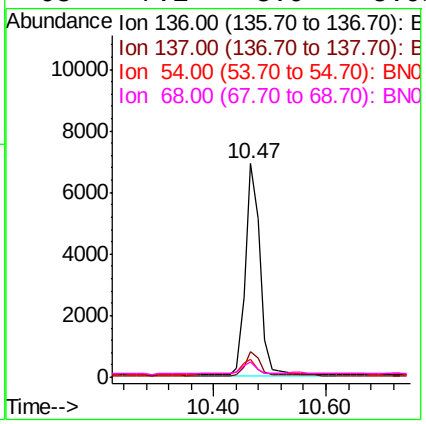


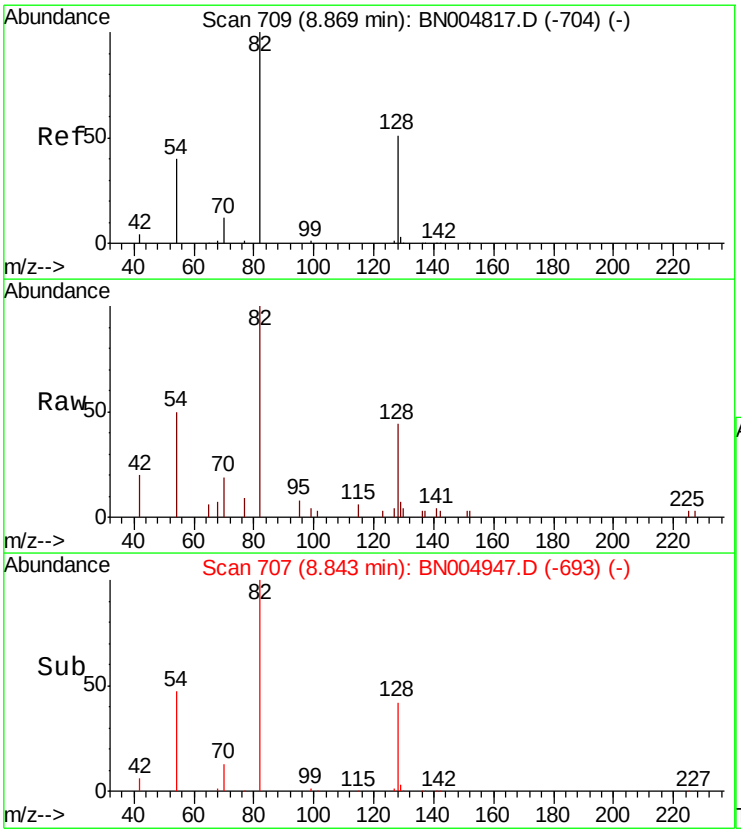
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:136 Resp: 12520

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	8.1	4.2	6.2#
68	7.1	3.9	5.9#

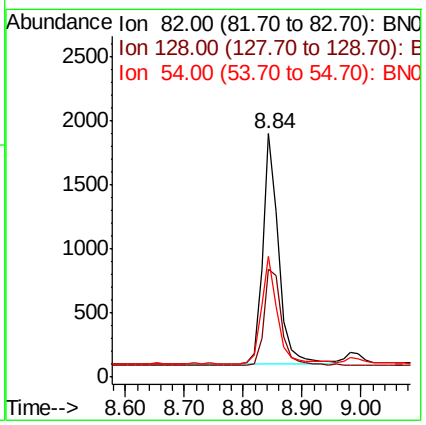


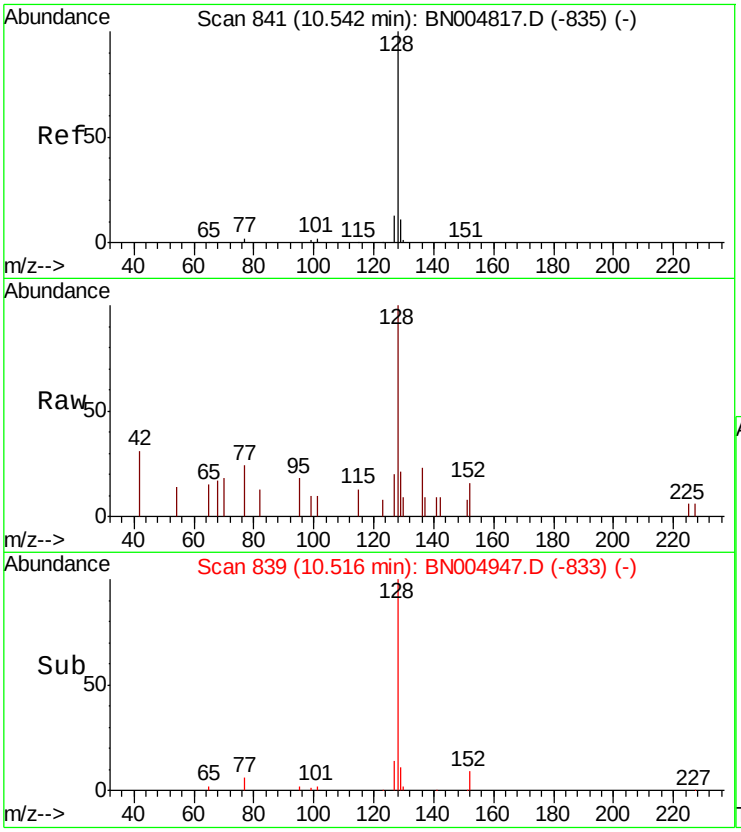


#8
Nitrobenzene-d5
Concen: 0.412 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion: 82 Resp: 3408

Ion	Ratio	Lower	Upper
82	100		
128	44.5	43.0	64.6
54	49.8	35.3	52.9



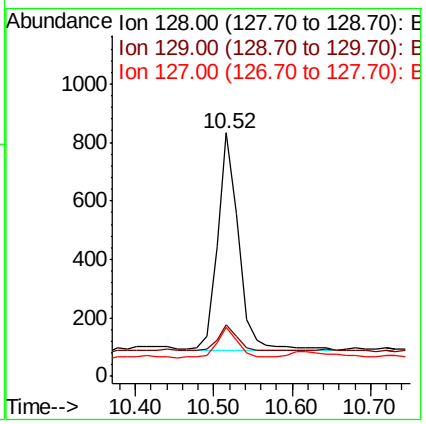


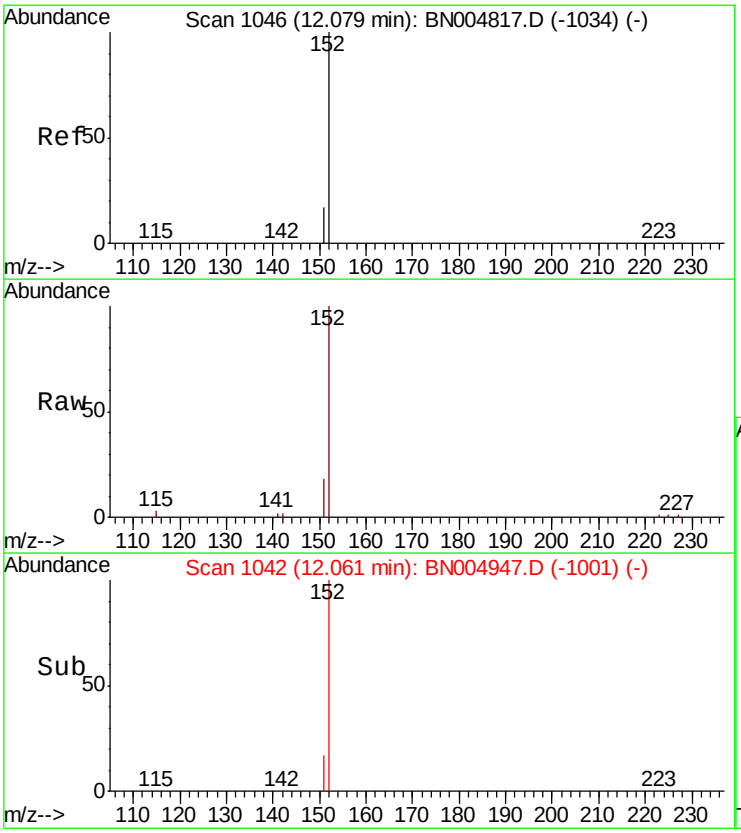
#9
Naphthalene
Concen: 0.039 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:128 Resp: 1379

Ion	Ratio	Lower	Upper
128	100		
129	21.0	9.9	14.9#
127	20.0	11.3	16.9#

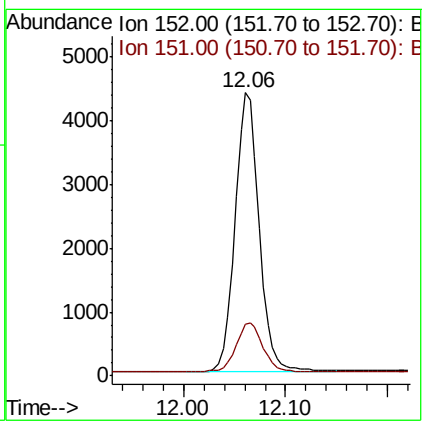


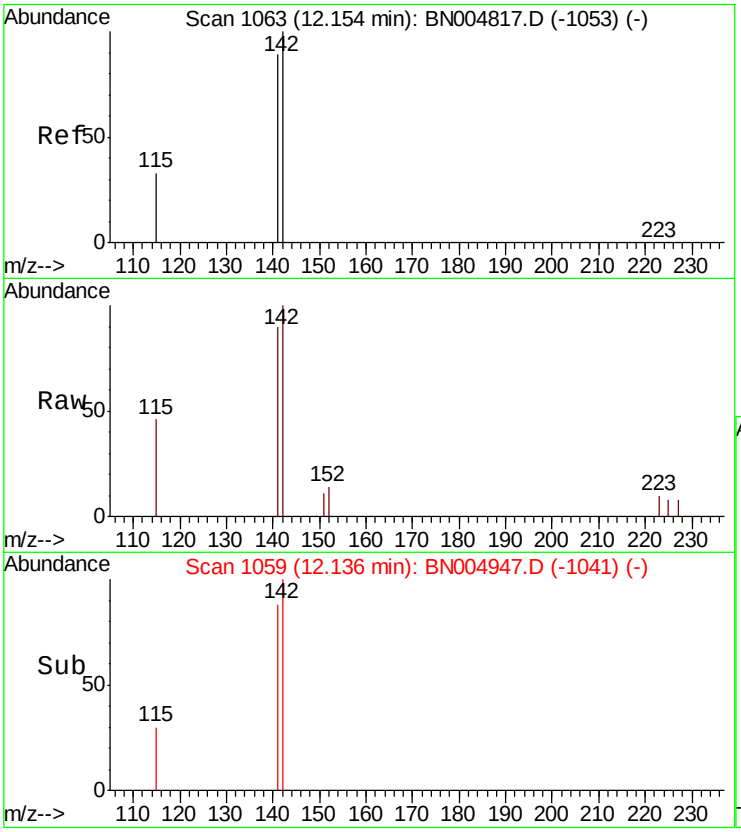


#11
2-Methylnaphthalene-d10
Concen: 0.330 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:152 Resp: 7211

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3



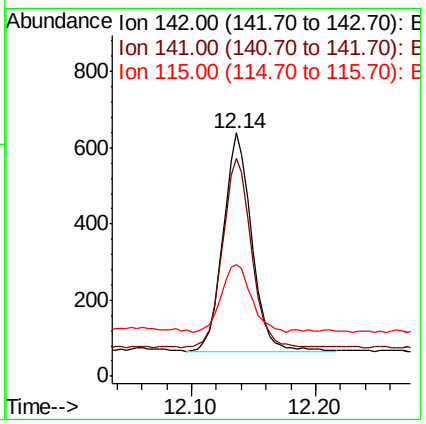


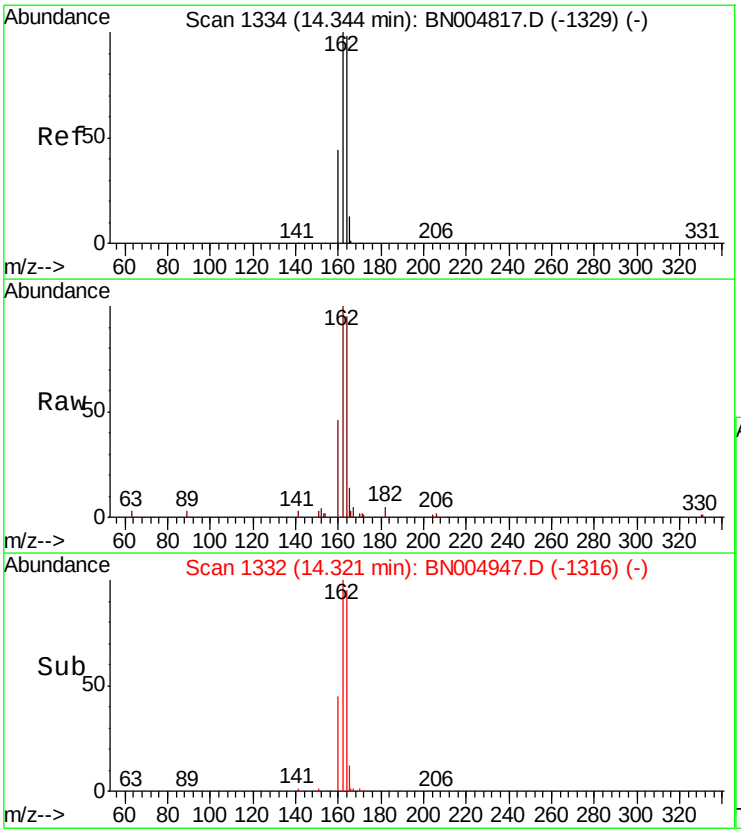
#12
2-Methylnaphthalene
Concen: 0.035 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:142 Resp: 917

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.4	107.2
115	46.0	27.5	41.3#

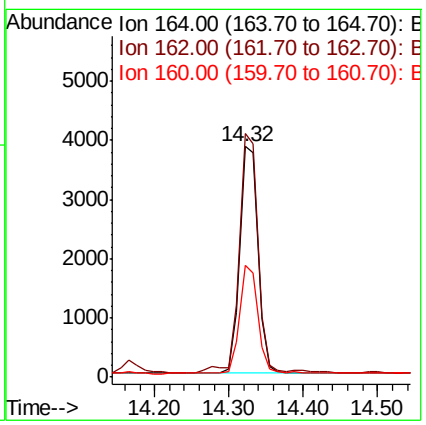


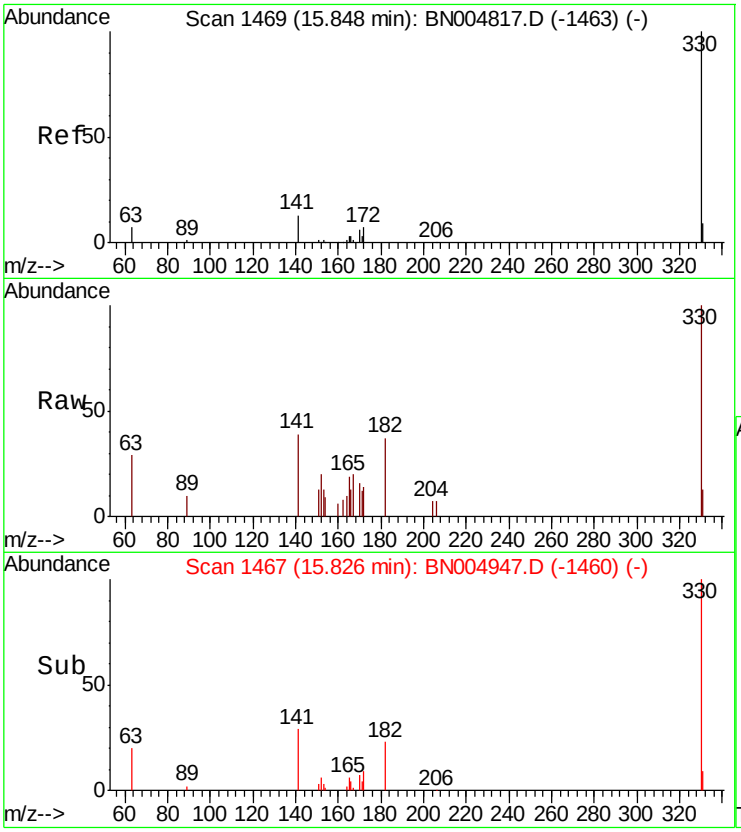


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:164 Resp: 6577

Ion	Ratio	Lower	Upper
164	100		
162	105.7	81.9	122.9
160	48.8	36.6	54.8



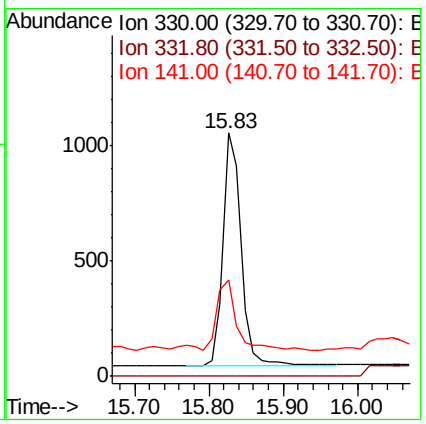


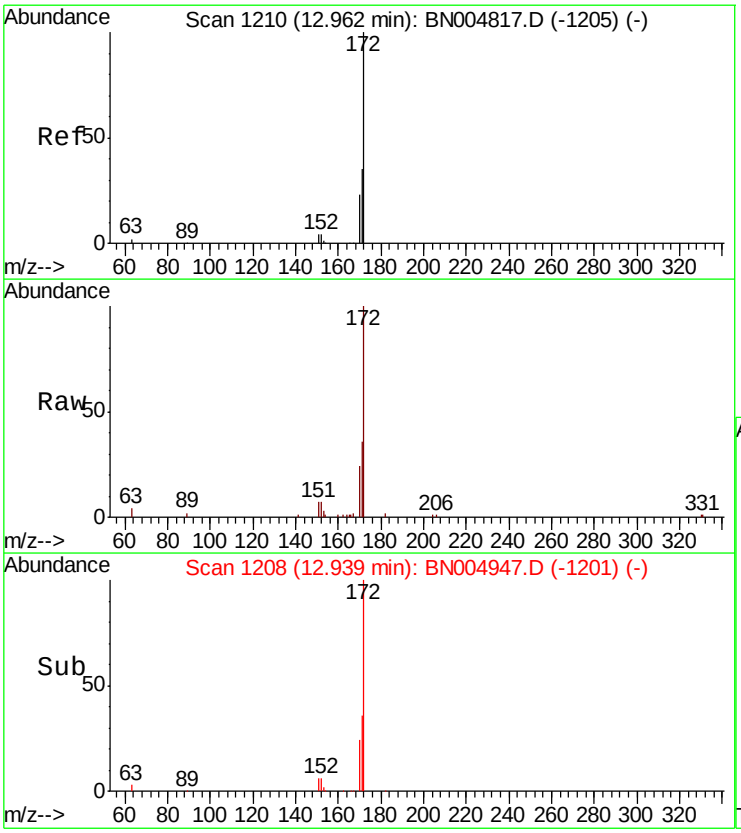
#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:330 Resp: 1699

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	35.8	20.9	31.3#

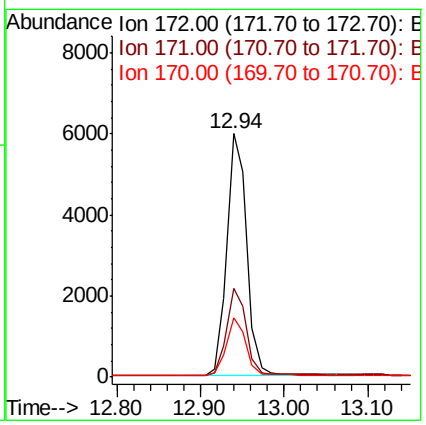


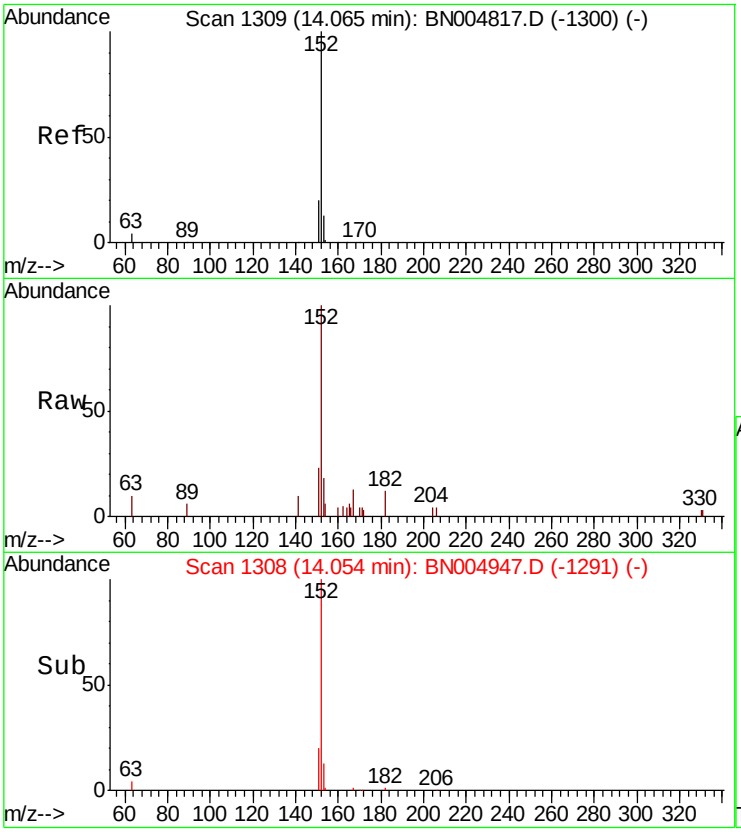


#15
2-Fluorobiphenyl
Concen: 0.358 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:172 Resp: 9738

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	24.4	18.7	28.1



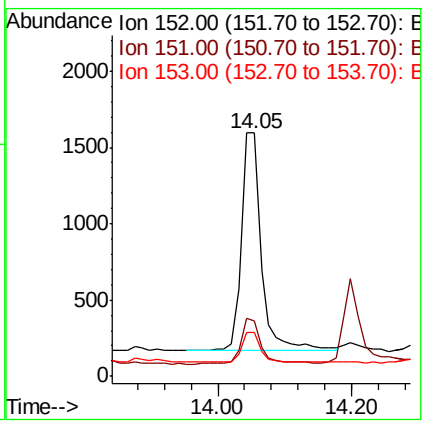


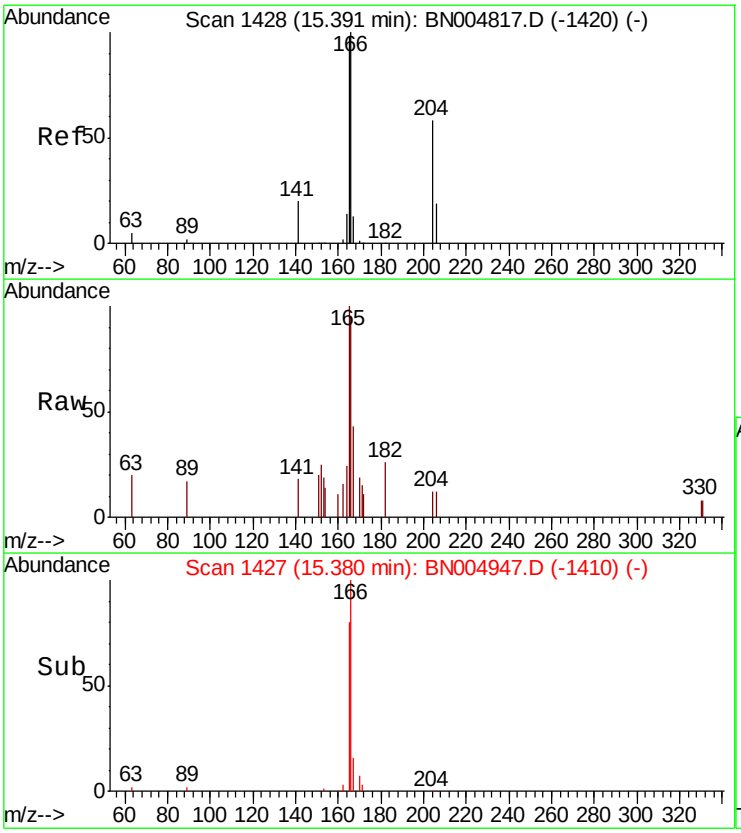
#16
Acenaphthylene
Concen: 0.086 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:152 Resp: 2924

Ion	Ratio	Lower	Upper
152	100		
151	22.0	16.1	24.1
153	13.6	10.5	15.7

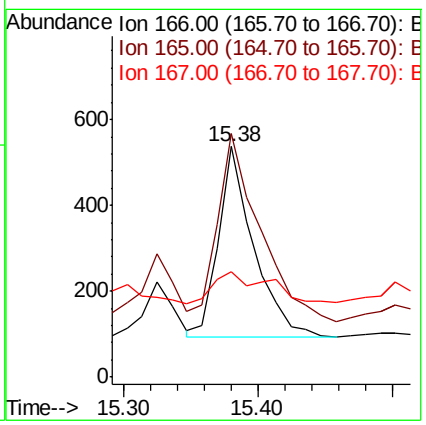


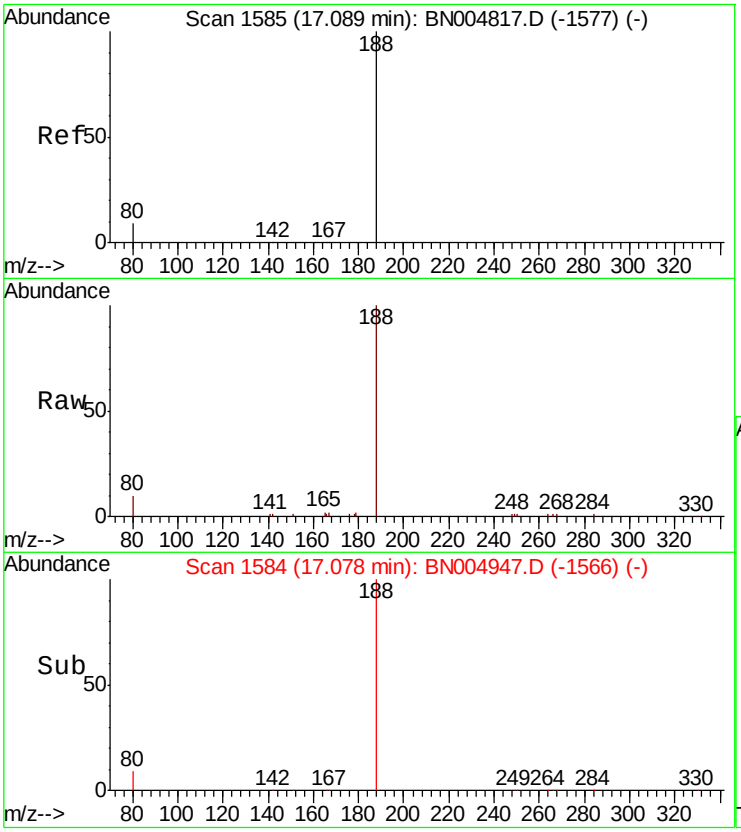


#18
Fluorene
Concen: 0.026 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:166 Resp: 810

Ion	Ratio	Lower	Upper
166	100		
165	118.3	78.2	117.4#
167	25.7	11.0	16.4#



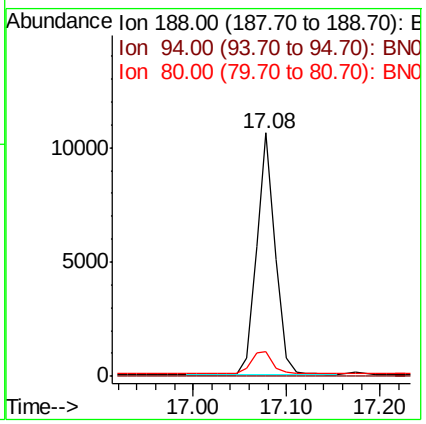


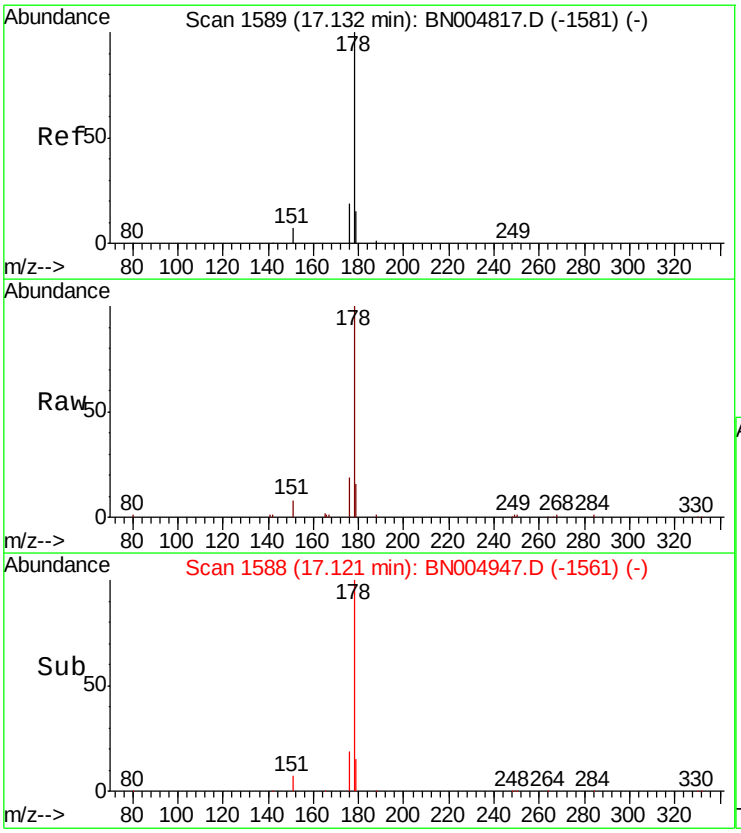
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:188 Resp: 14659

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.9	7.4	11.2

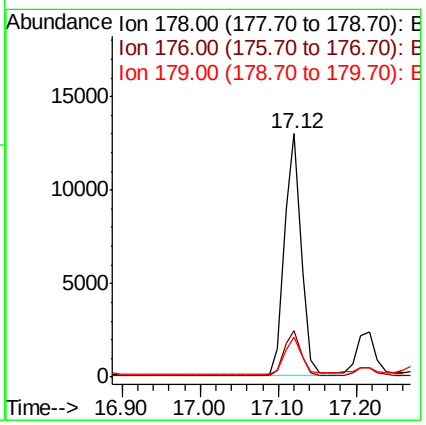


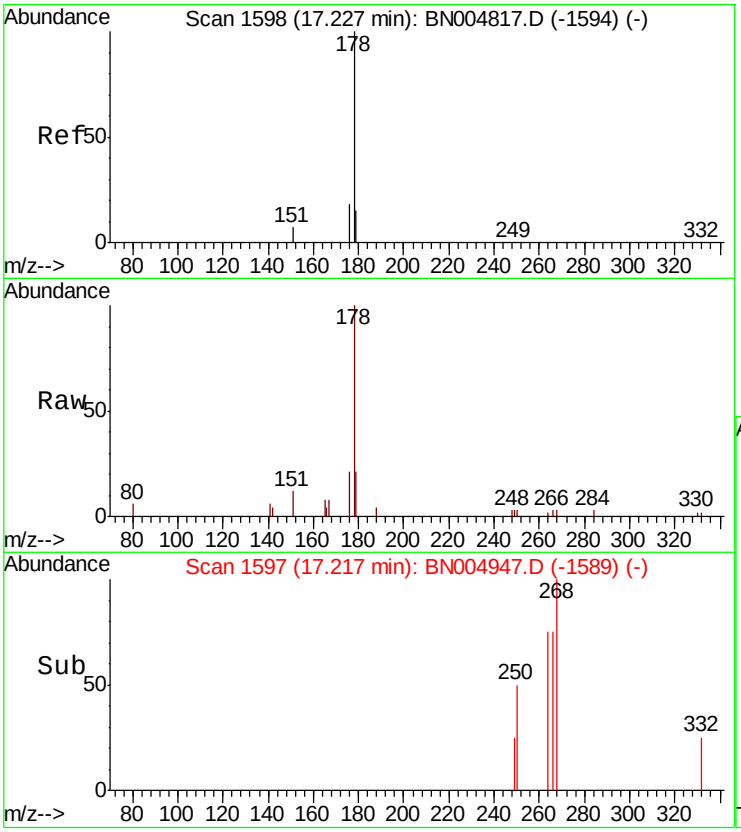


#23
Phenanthrene
Concen: 0.403 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:178 Resp: 19089

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.3	12.1	18.1



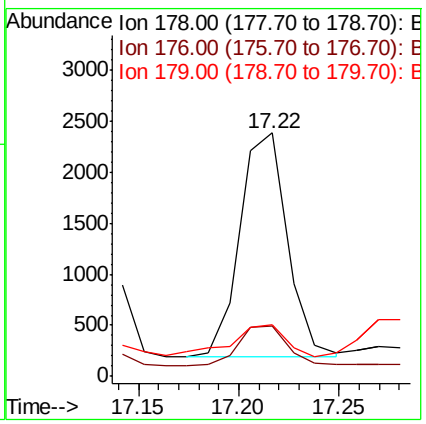


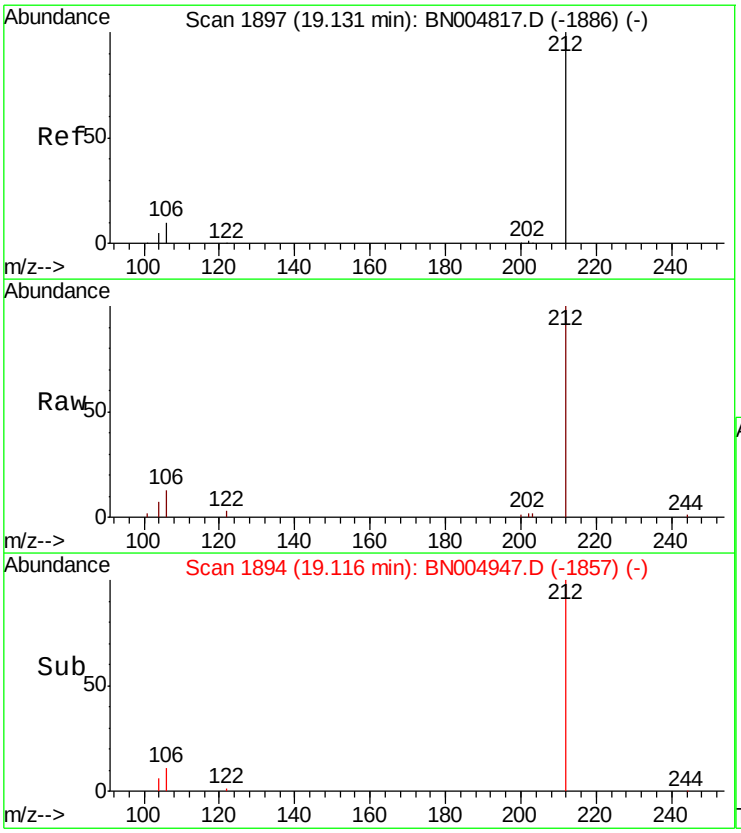
#24
Anthracene
Concen: 0.085 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:178 Resp: 3595

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.5	21.7
179	15.8	12.2	18.4

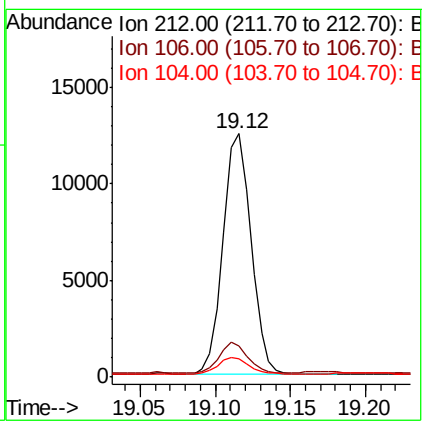


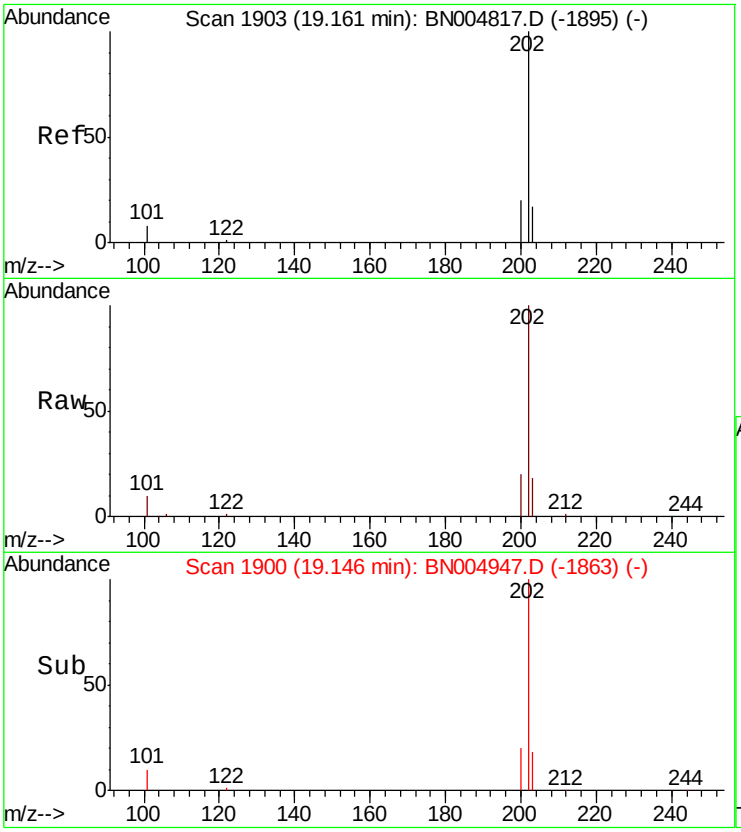


#25
Fluoranthene-d10
Concen: 0.328 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:212 Resp: 16116

Ion	Ratio	Lower	Upper
212	100		
106	12.7	8.6	13.0
104	7.1	4.7	7.1



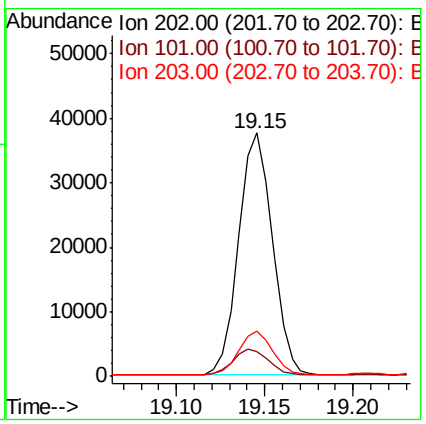


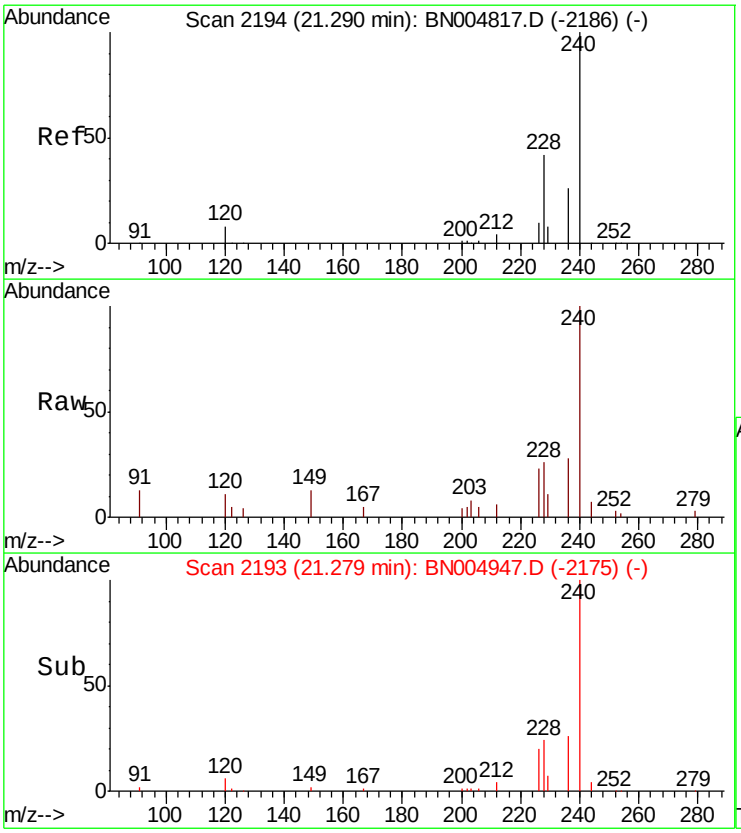
#26
Fluoranthene
Concen: 0.818 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:202 Resp: 49786

Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.5	11.3#
203	17.7	13.8	20.6

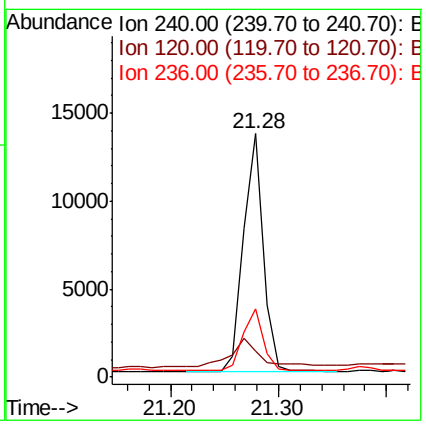


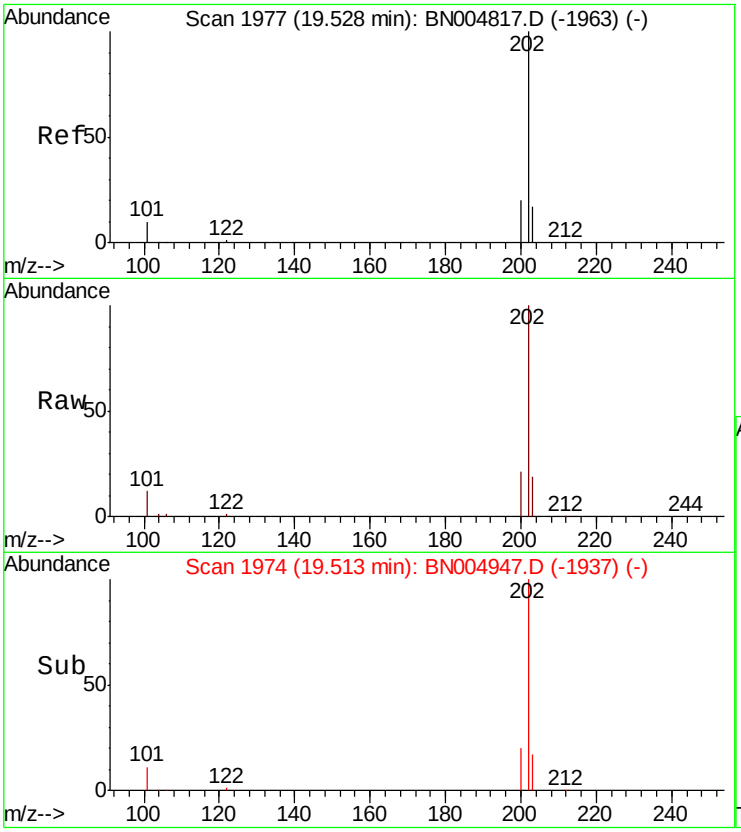


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:240 Resp: 17354

Ion	Ratio	Lower	Upper
240	100		
120	10.6	7.2	10.8
236	27.9	20.9	31.3



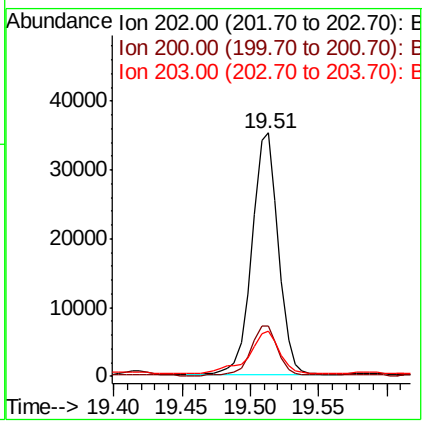


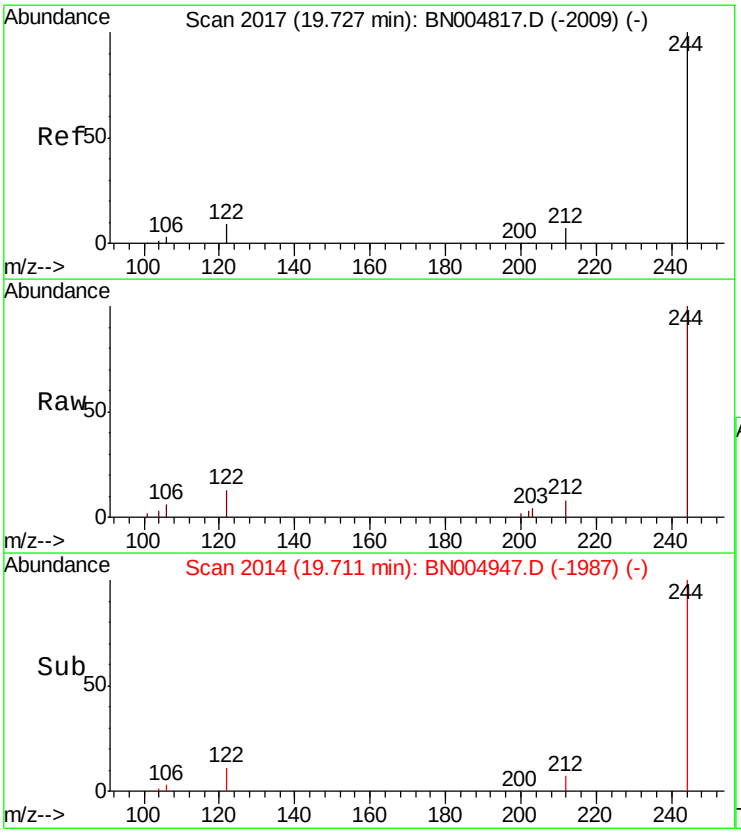
#28
Pyrene
Concen: 0.896 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:202 Resp: 47424

Ion	Ratio	Lower	Upper
202	100		
200	20.7	16.3	24.5
203	20.5	14.0	21.0

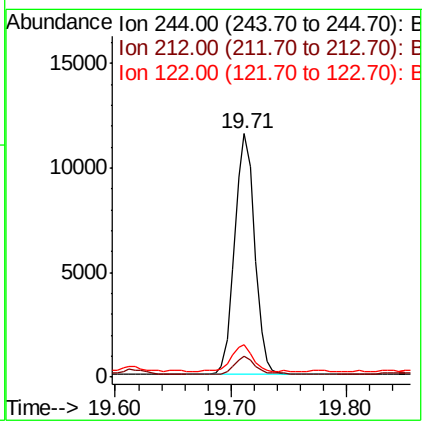


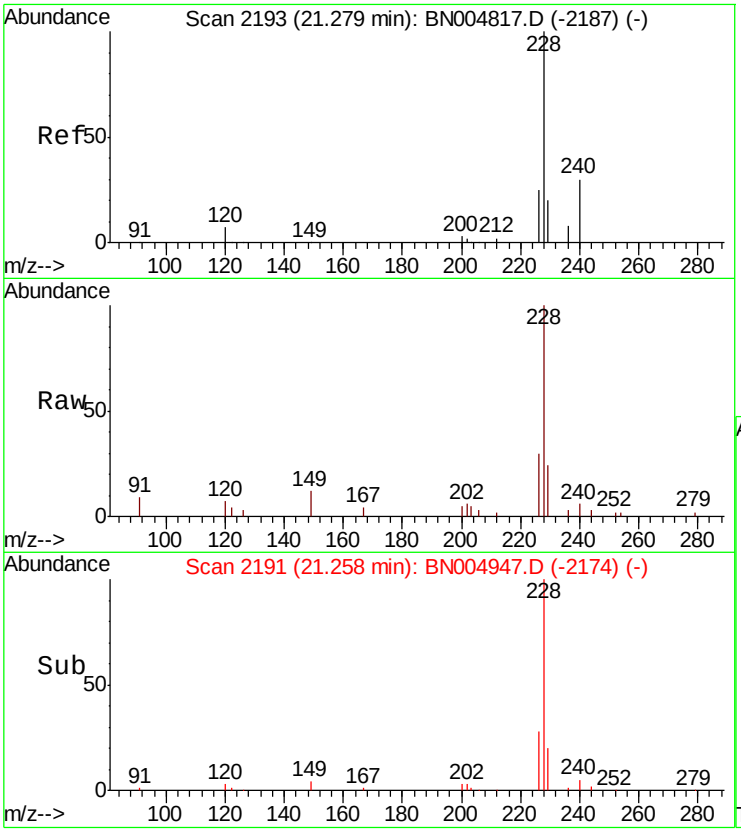


#29
Terphenyl-d14
Concen: 0.391 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:244 Resp: 13897

Ion	Ratio	Lower	Upper
244	100		
212	8.4	5.8	8.6
122	13.1	7.9	11.9#



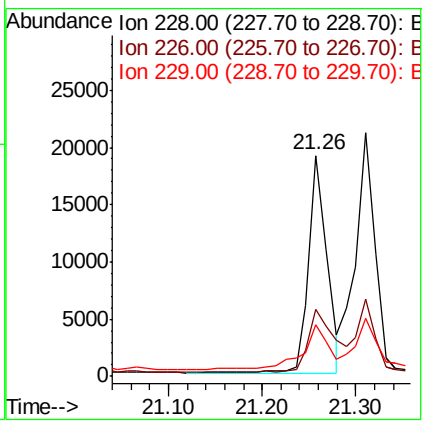


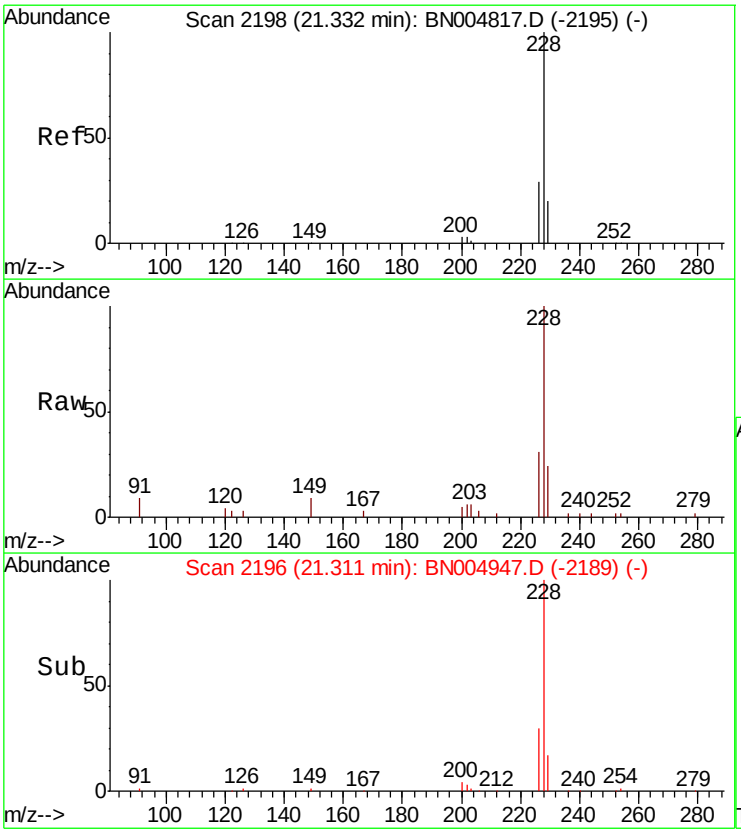
#30
Benzo(a)anthracene
Concen: 0.452 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:228 Resp: 25735

Ion	Ratio	Lower	Upper
228	100		
226	30.0	20.6	31.0
229	23.6	16.2	24.4

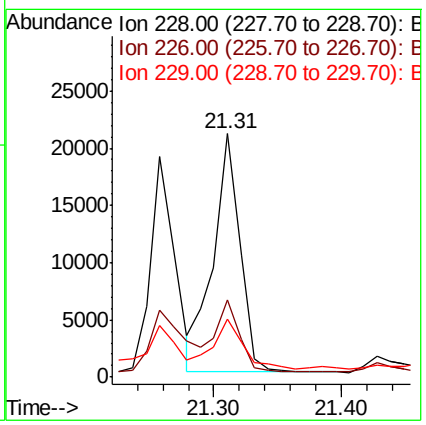


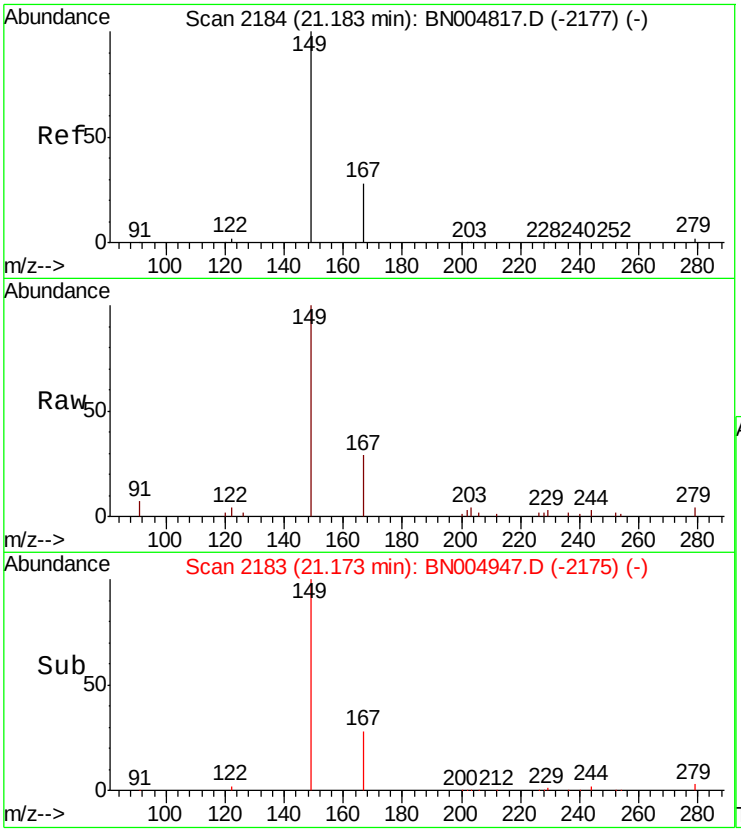


#31
Chrysene
Concen: 0.502 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:228 Resp: 30087

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.0	34.6
229	23.8	16.2	24.2



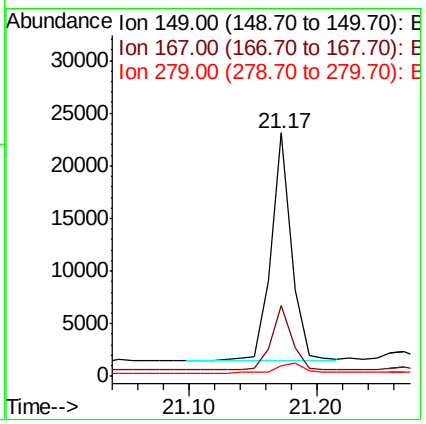


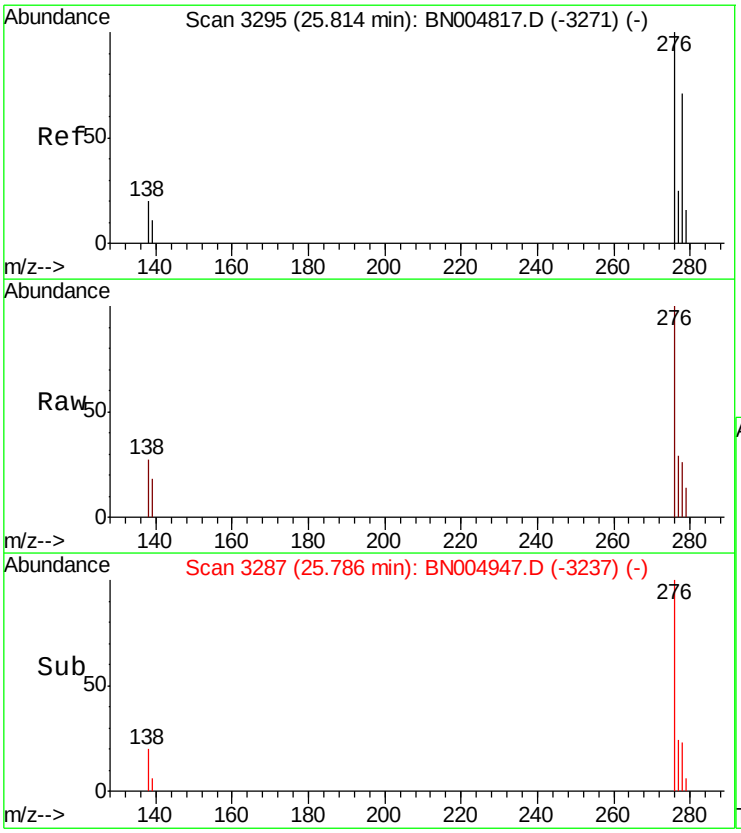
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.054 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:149 Resp: 23958

Ion	Ratio	Lower	Upper
149	100		
167	27.7	23.0	34.4
279	5.2	4.6	6.8

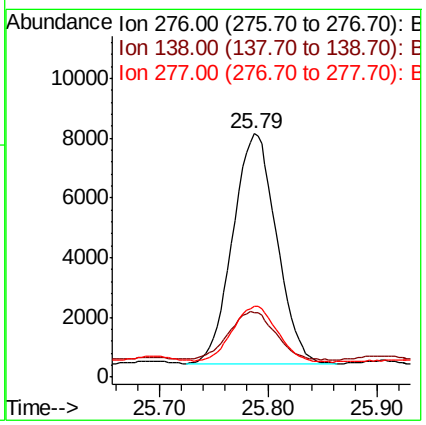


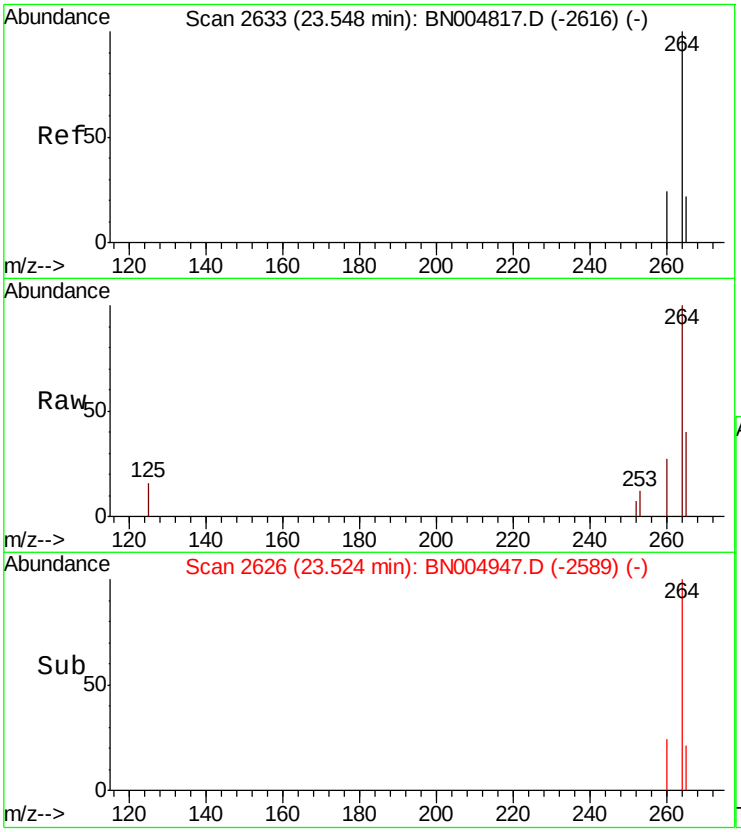


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.249 ng
RT: 25.79 min Scan# 3287
Delta R.T. -0.03 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:276 Resp: 21594

Ion	Ratio	Lower	Upper
276	100		
138	22.3	16.6	24.8
277	24.8	20.3	30.5



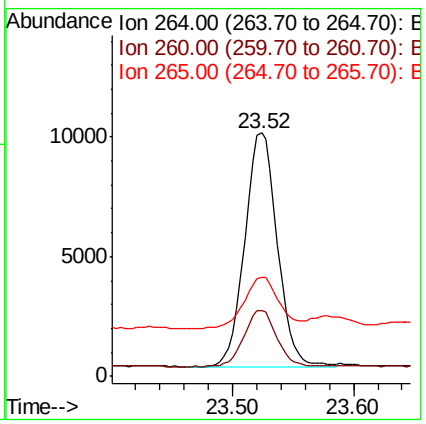


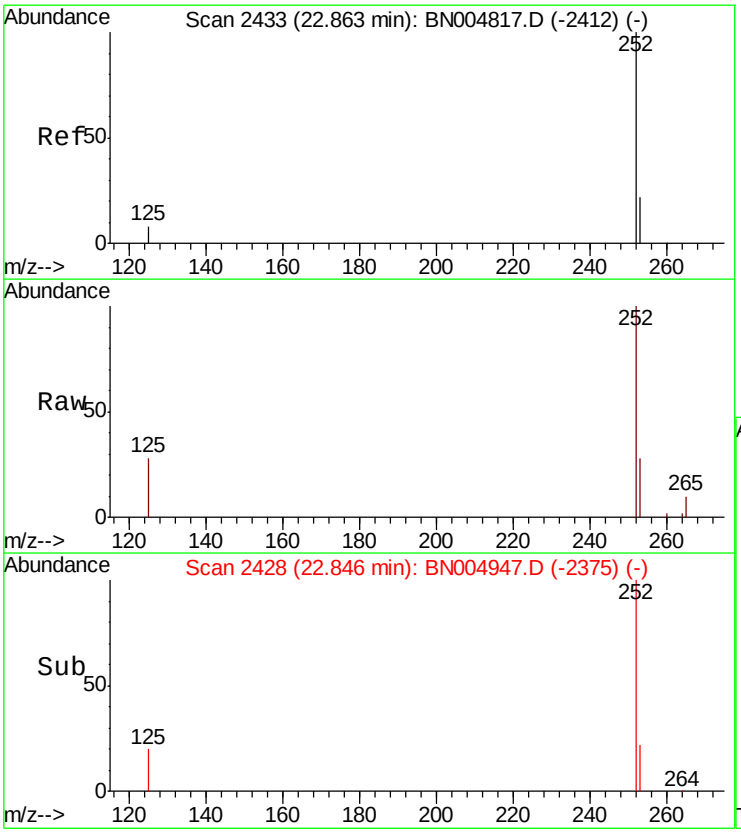
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:264 Resp: 18311

Ion	Ratio	Lower	Upper
264	100		
260	27.2	19.5	29.3
265	40.5	23.1	34.7#

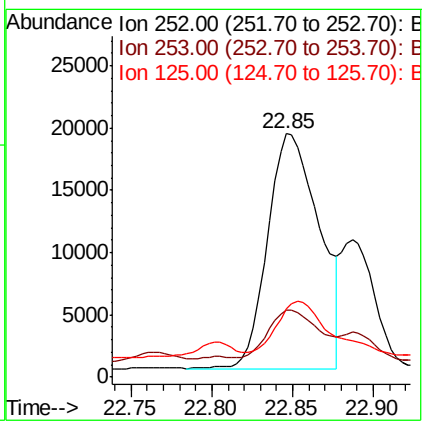


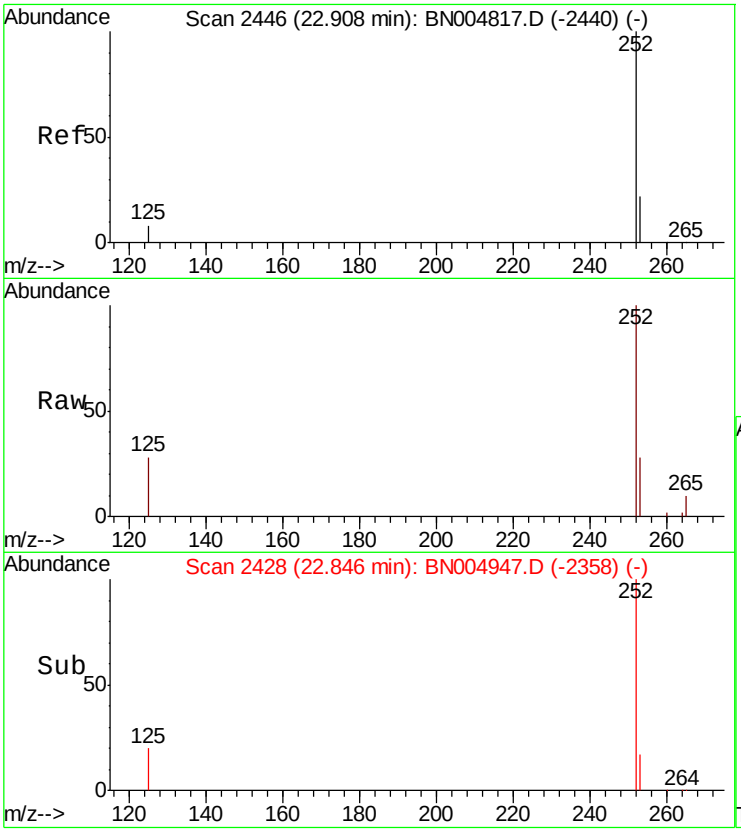


#35
Benzo(b)fluoranthene
Concen: 0.633 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:252 Resp: 41958

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.0	28.4
125	27.9	7.4	11.2#



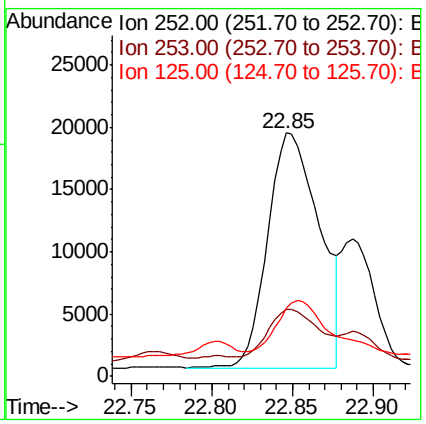


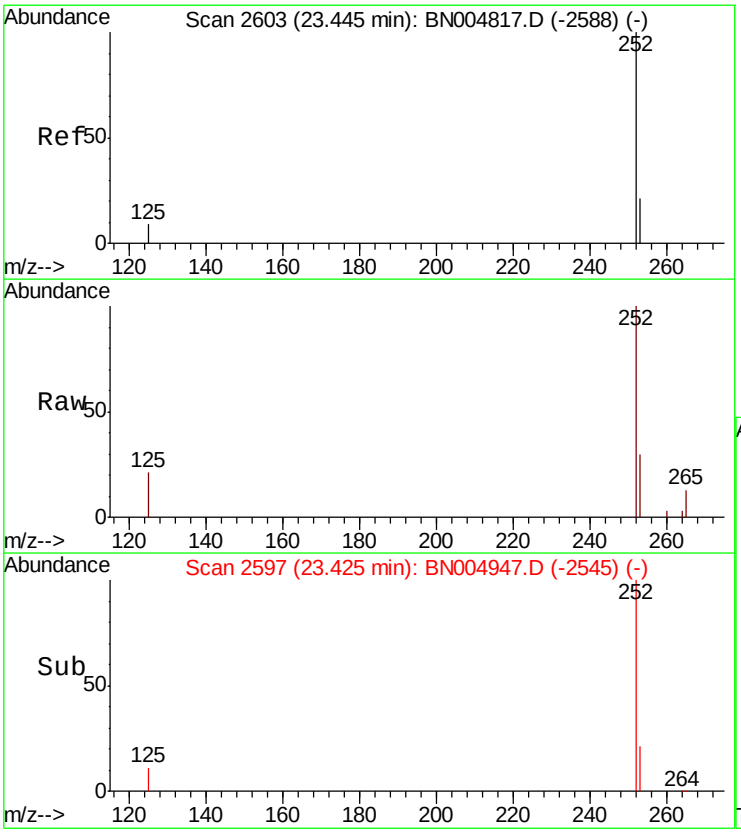
#36
Benzo(k)fluoranthene
Concen: 0.644 ng
RT: 22.85 min Scan# 2428
Delta R.T. -0.06 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:252 Resp: 41958

Ion	Ratio	Lower	Upper
252	100		
253	27.5	19.3	28.9
125	27.9	7.4	11.0#

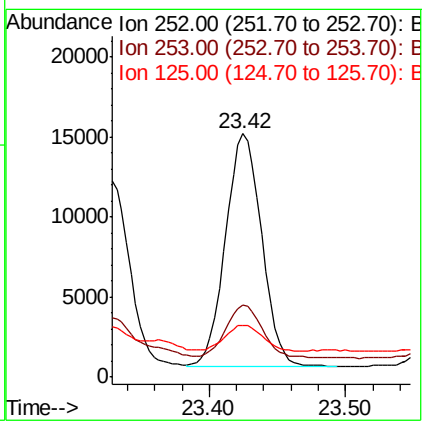


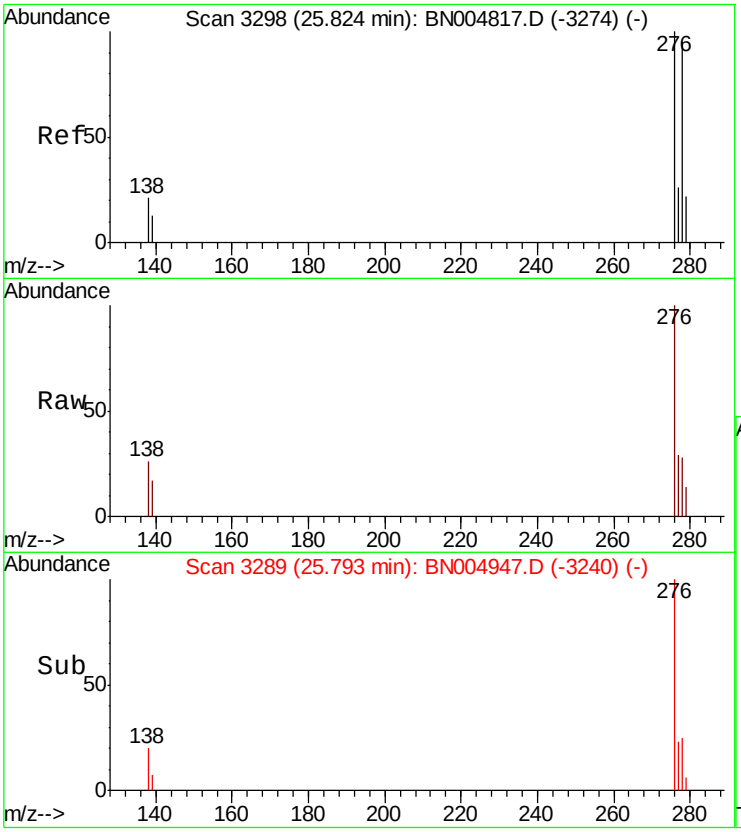


#37
Benzo(a)pyrene
Concen: 0.438 ng
RT: 23.42 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:252 Resp: 26604

Ion	Ratio	Lower	Upper
252	100		
253	29.6	19.7	29.5#
125	21.4	8.3	12.5#



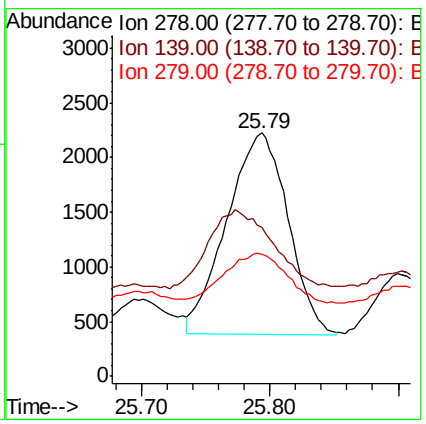


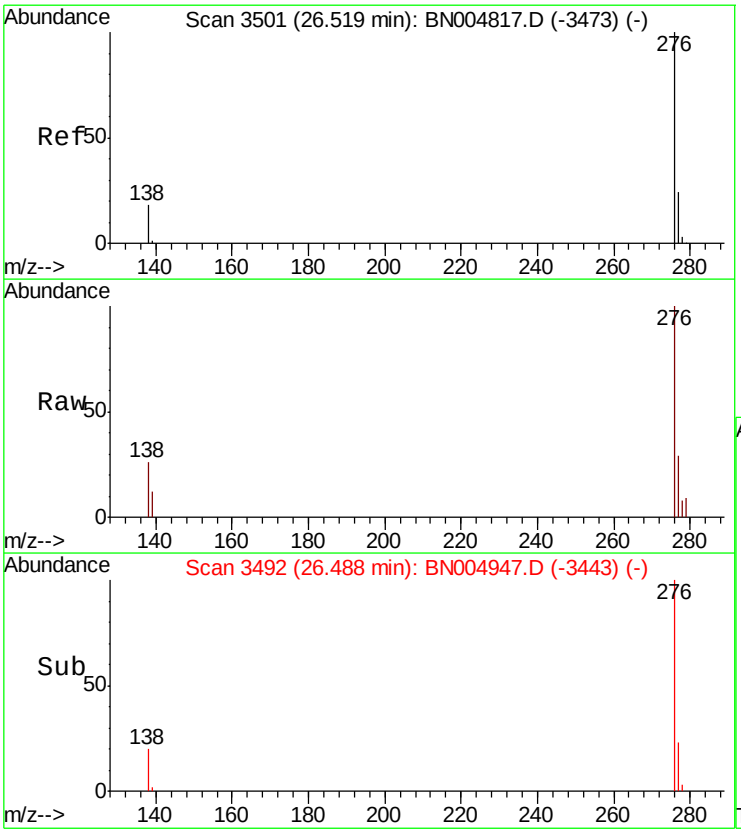
#38
Dibenzo(a,h)anthracene
Concen: 0.087 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.03 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Instrument :
BNA_N
ClientSampleId :
PST-073-B159-031919

Tgt Ion:278 Resp: 6129

Ion	Ratio	Lower	Upper
278	100		
139	61.2	11.7	17.5#
279	50.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.307 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004947.D
Acq: 24 Mar 2019 19:57

Tgt Ion:276 Resp: 22016

Ion	Ratio	Lower	Upper
276	100		
277	29.3	19.7	29.5
138	26.3	14.6	22.0#