Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004943.D
Acq On : 24 Mar 2019 17:36
Operator : JU/SJ
Sample : K2015-20
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-074-B161-031919

Quant Time: Mar 25 02:57:21 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	3726	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	14629	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	7423	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	15104	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	17058	0.40	ng		-0.01
34) Perylene-d12	23.53	264	18634	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	2838	0.28	ng		0.00
5) Phenol-d6	6.86	99	3425	0.27	ng		-0.02
8) Nitrobenzene-d5	8.84	82	2836	0.29	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	5814	0.23	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1260	0.25	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	7718	0.25	ng		-0.02
25) Fluoranthene-d10	19.12	212	10099	0.20	ng		-0.02
29) Terphenyl-d14	19.71	244	8494	0.24	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.21	88	170	0.040	ng	#	1
9) Naphthalene	10.52	128	4417	0.108	ng		96
12) 2-Methylnaphthalene	12.14	142	4023	0.132	ng		99
16) Acenaphthylene	14.04	152	7860	0.206	ng		98
17) Acenaphthene	14.39	154	669	0.027	ng	#	55
18) Fluorene	15.38	166	2437	0.070	ng	#	71
22) Pentachlorophenol	16.75	266	45	0.020	ng	#	71
23) Phenanthrene	17.12	178	50164	1.029	ng		99
24) Anthracene	17.21	178	9658	0.222	ng		99
26) Fluoranthene	19.15	202	89015	1.420	ng	#	95
28) Pyrene	19.51	202	82514	1.586	ng		97
30) Benzo(a)anthracene	21.26	228	54868	0.981	ng	#	89
31) Chrysene	21.31	228	63373	1.076	ng	#	92
32) Bis(2-ethylhexyl)phthalate	21.17	149	27912	1.249	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	47597	0.558	ng		100
35) Benzo(b)fluoranthene	22.85	252	82988	1.231	ng	#	87
36) Benzo(k)fluoranthene	22.85	252	82988	1.251	ng	#	88
37) Benzo(a)pyrene	23.43	252	56974	0.921	ng	#	88
38) Dibenzo(a,h)anthracene	25.80	278	12986	0.181	ng	#	44
39) Benzo(g,h,i)perylene	26.49	276	46812	0.642	ng	#	91

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

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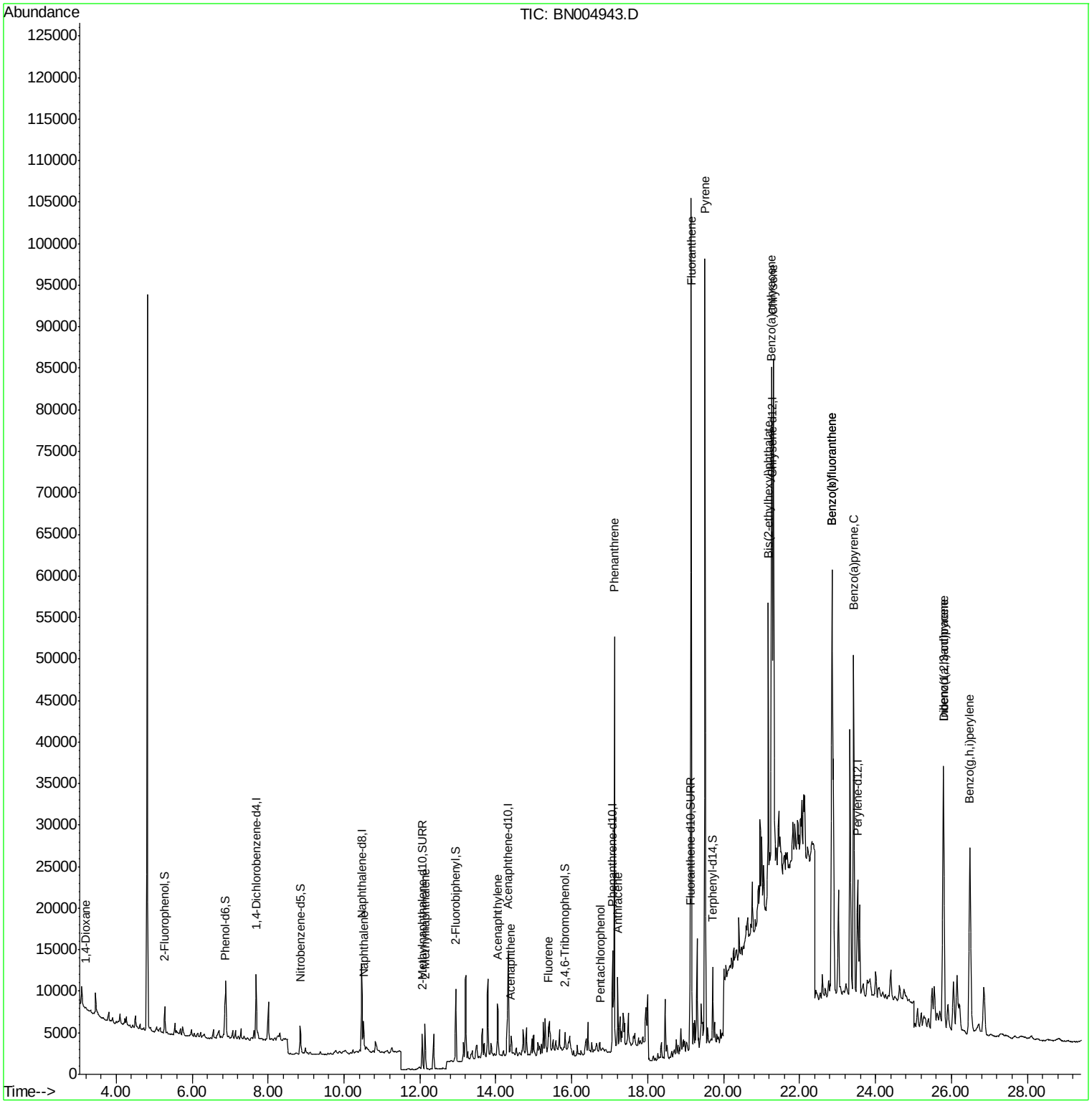
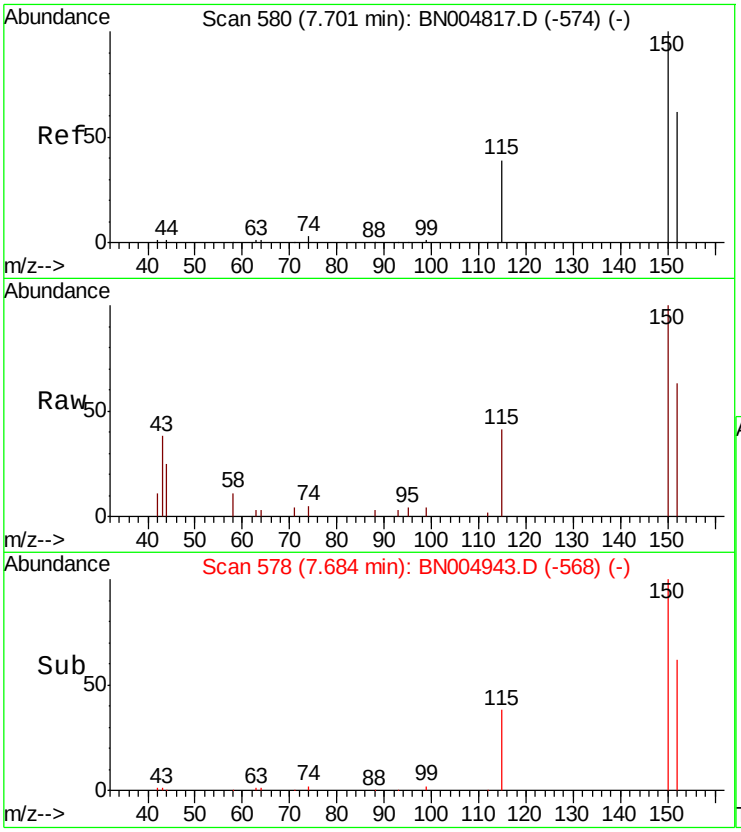


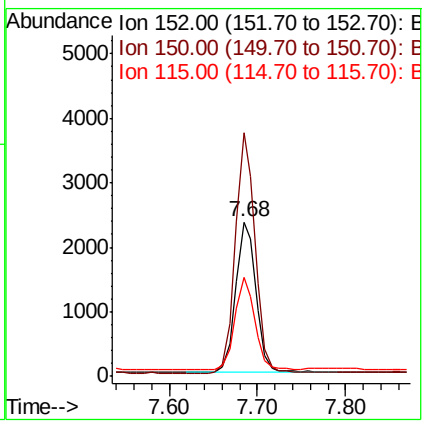


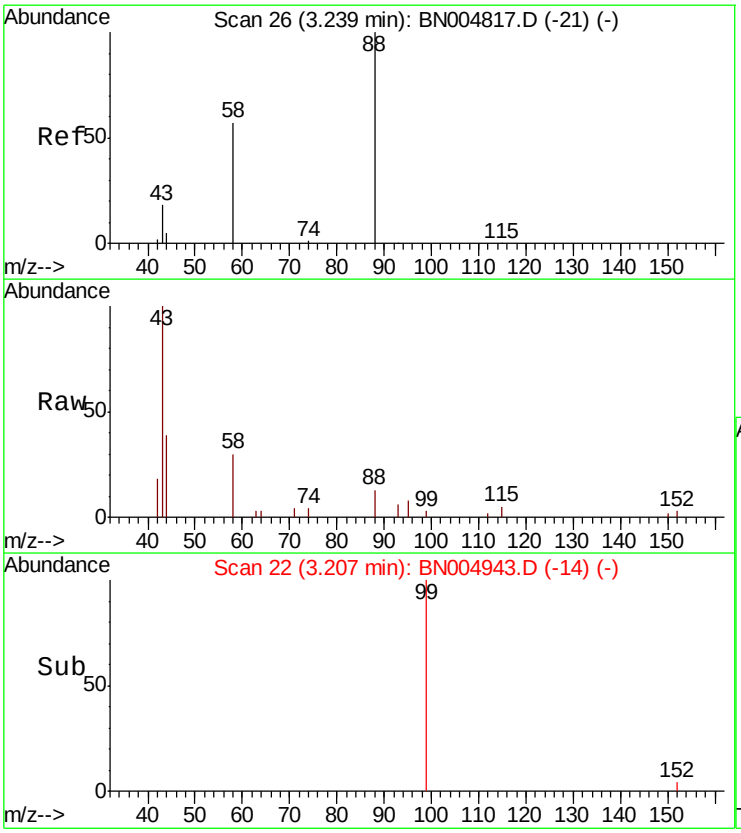
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:152 Resp: 3726

Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.4
115	64.2	52.6	79.0

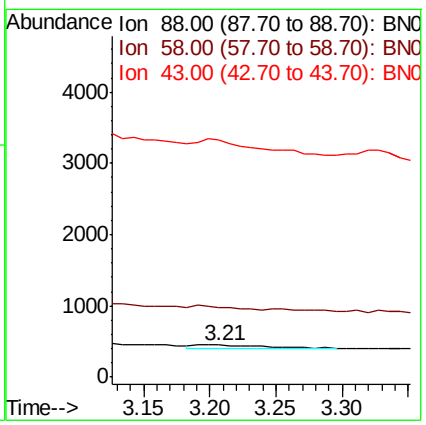


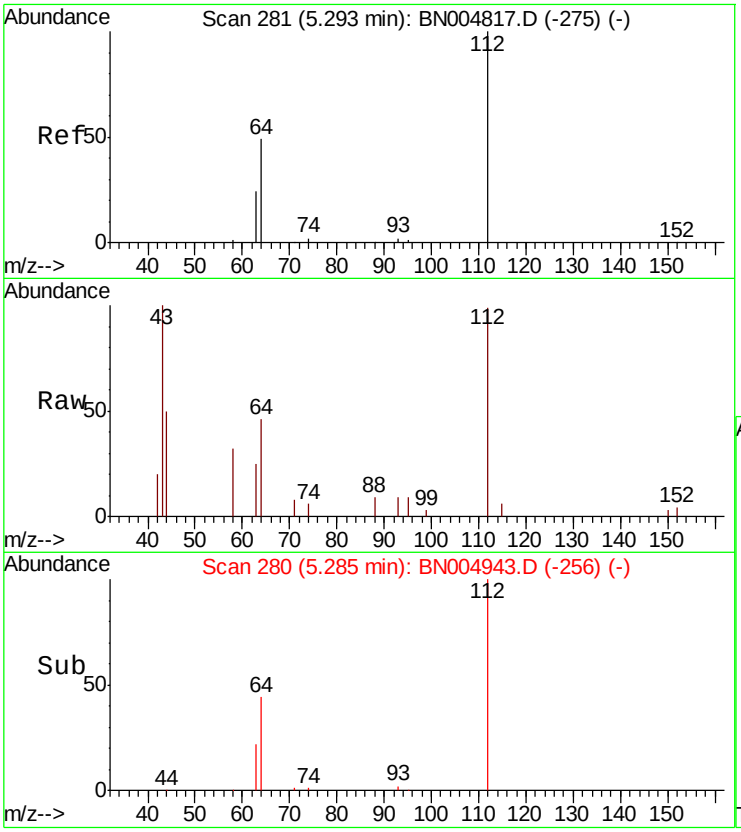


#2
1,4-Dioxane
Concen: 0.040 ng
RT: 3.21 min Scan# 22
Delta R.T. -0.03 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion: 88 Resp: 170

Ion	Ratio	Lower	Upper
88	100		
58	0.0	51.4	77.2#
43	414.7	20.0	30.0#



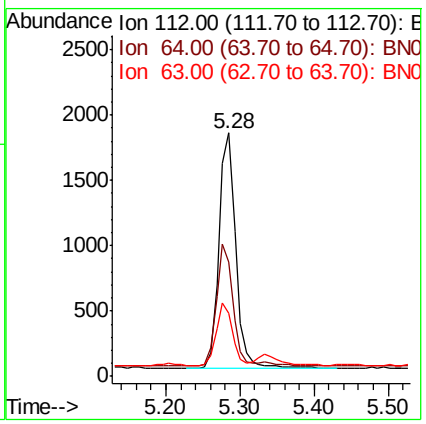


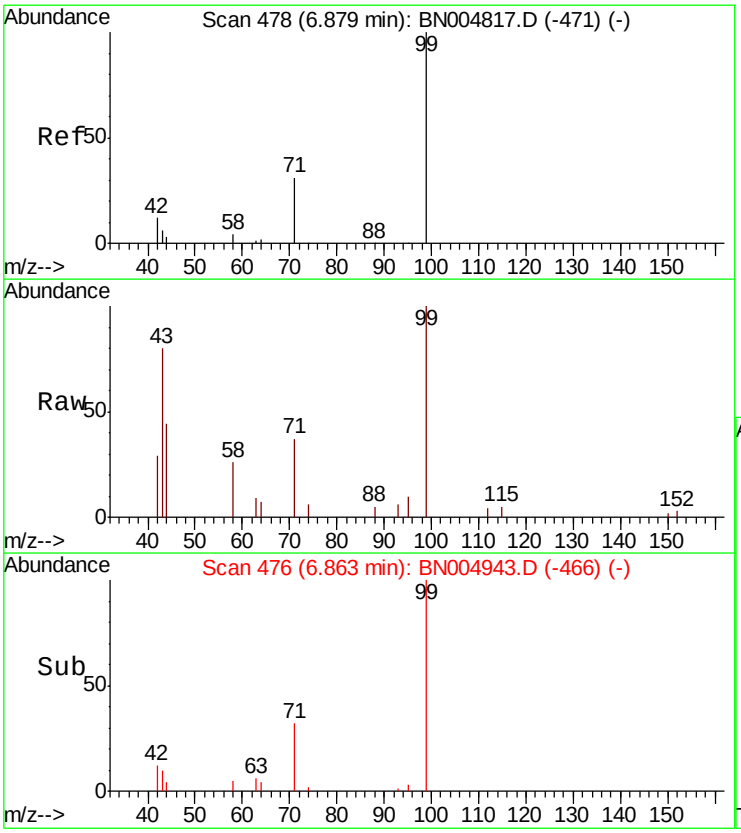
#4
2-Fluorophenol
Concen: 0.280 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:112 Resp: 2838

Ion	Ratio	Lower	Upper
112	100		
64	50.1	40.0	60.0
63	25.4	20.2	30.2

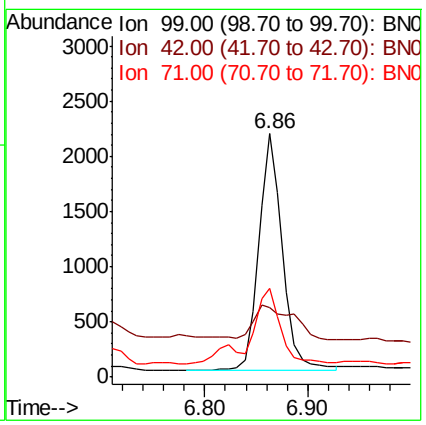


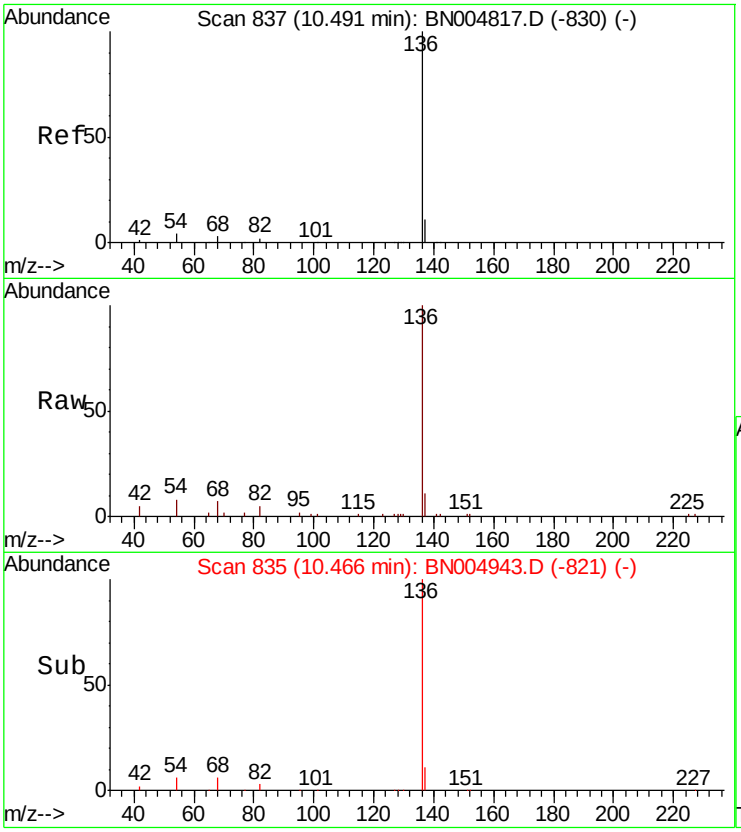


#5
Phenol-d6
Concen: 0.272 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion: 99 Resp: 3425

Ion	Ratio	Lower	Upper
99	100		
42	24.6	12.7	19.1#
71	32.3	26.6	40.0



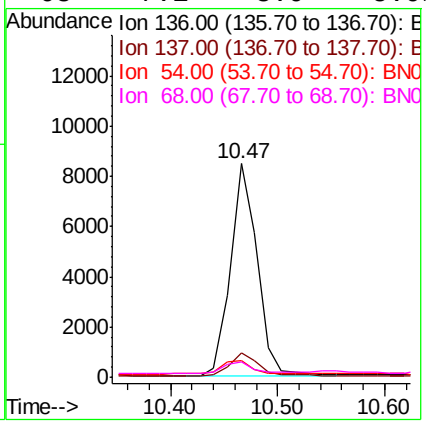


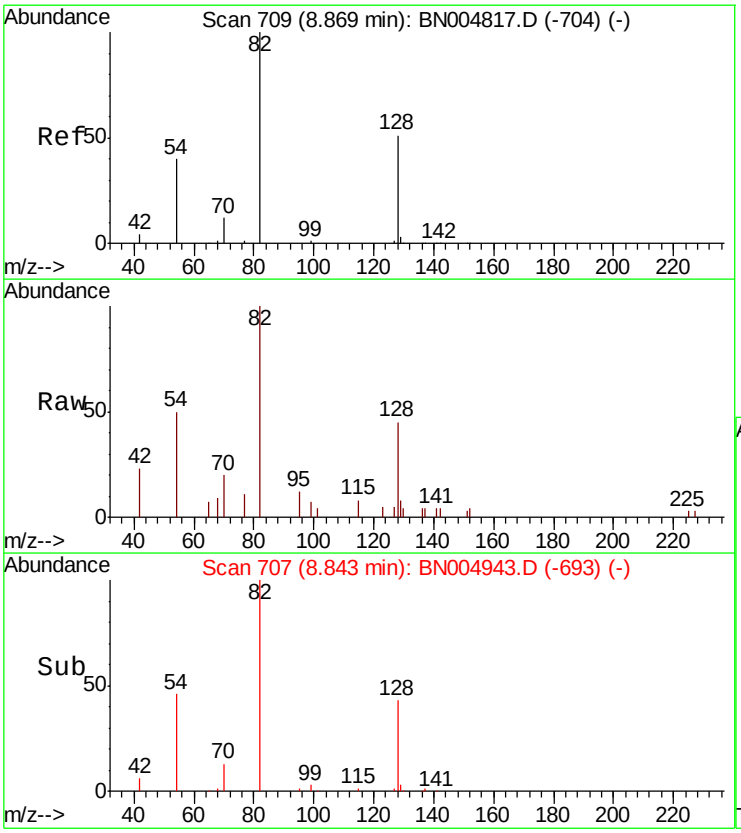
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:136 Resp: 14629

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.6	14.4
54	7.6	4.2	6.2#
68	7.1	3.9	5.9#

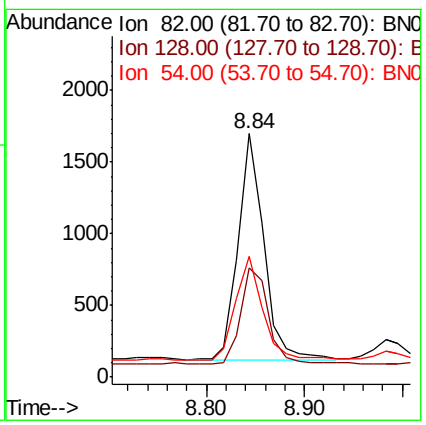


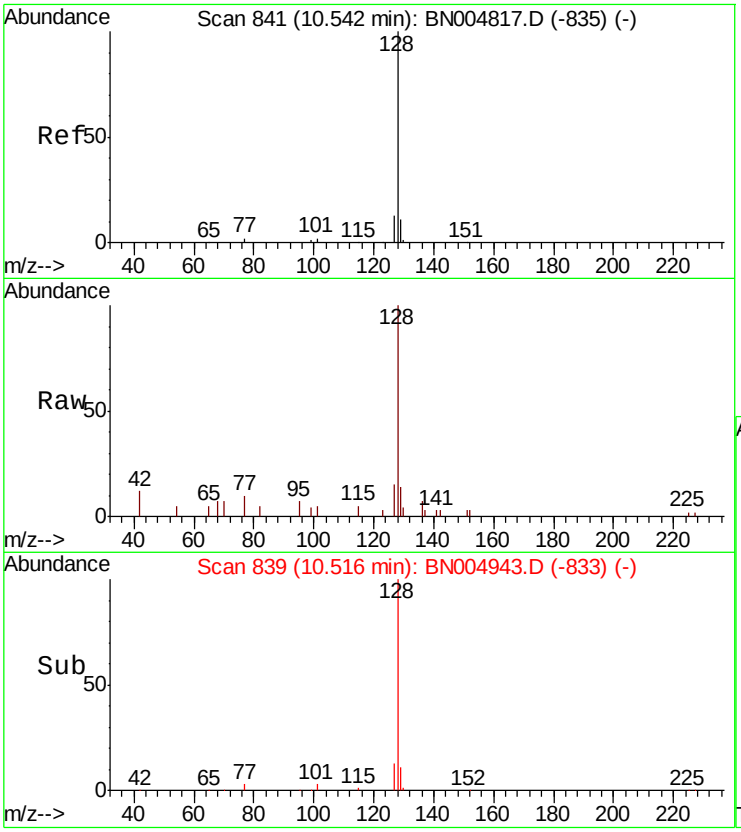


#8
Nitrobenzene-d5
Concen: 0.293 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion: 82 Resp: 2836

Ion	Ratio	Lower	Upper
82	100		
128	45.0	43.0	64.6
54	49.7	35.3	52.9



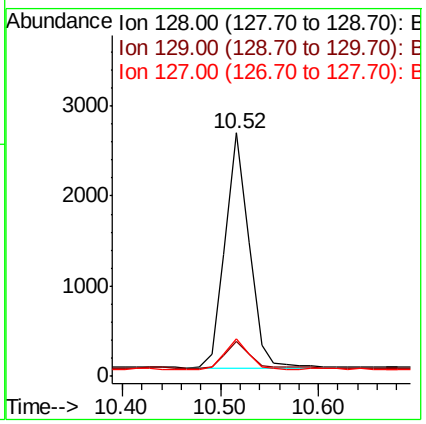


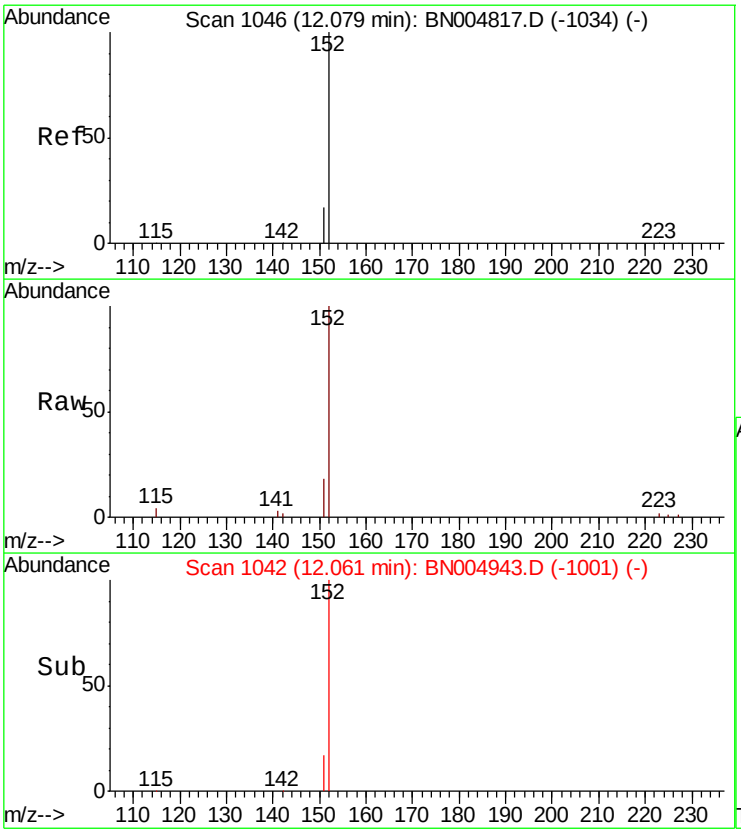
#9
Naphthalene
Concen: 0.108 ng
RT: 10.52 min Scan# 839
Delta R.T. -0.03 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:128 Resp: 4417

Ion	Ratio	Lower	Upper
128	100		
129	14.2	9.9	14.9
127	15.4	11.3	16.9

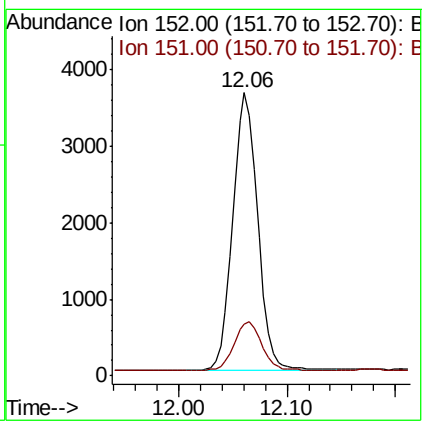


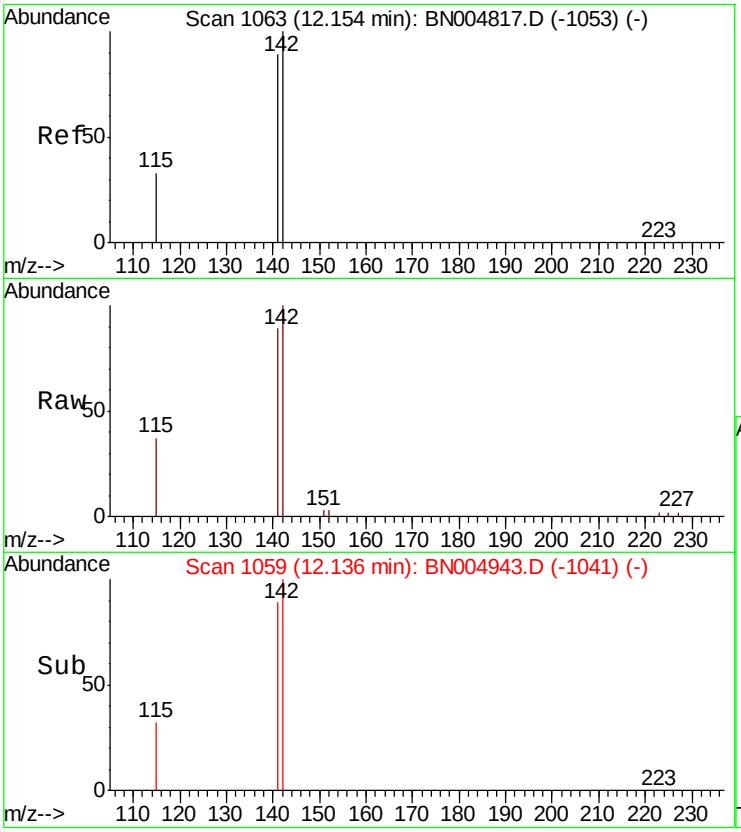


#11
2-Methylnaphthalene-d10
Concen: 0.228 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:152 Resp: 5814

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.5	23.3



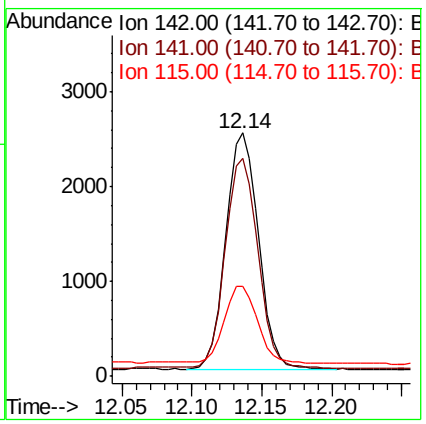


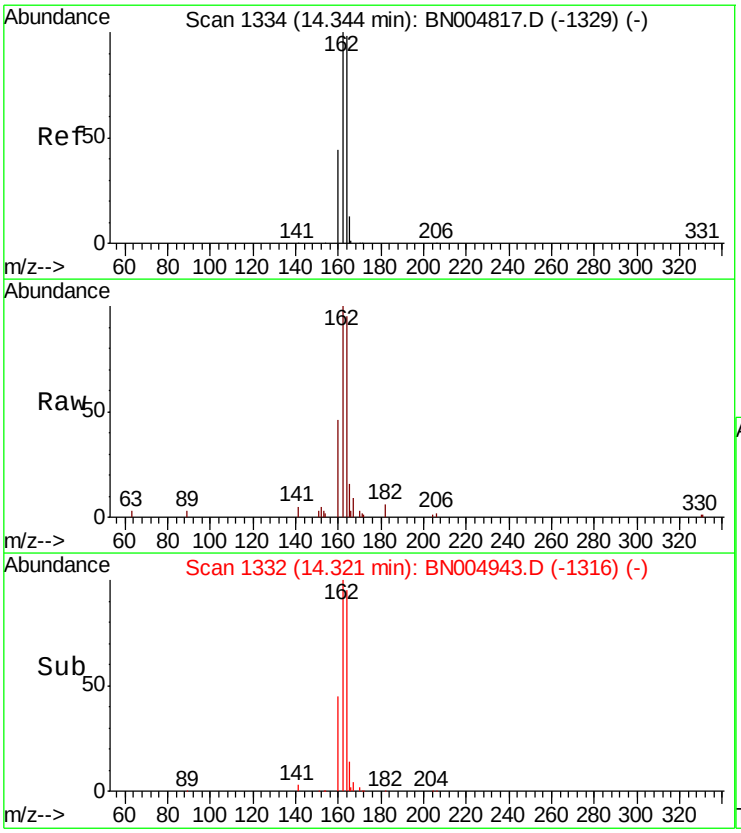
#12
2-Methylnaphthalene
Concen: 0.132 ng
RT: 12.14 min Scan# 1059
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:142 Resp: 4023

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.4	107.2
115	37.0	27.5	41.3

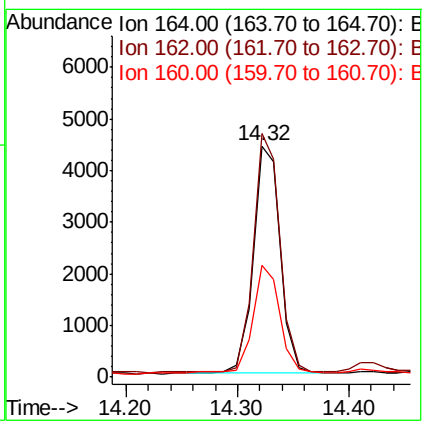


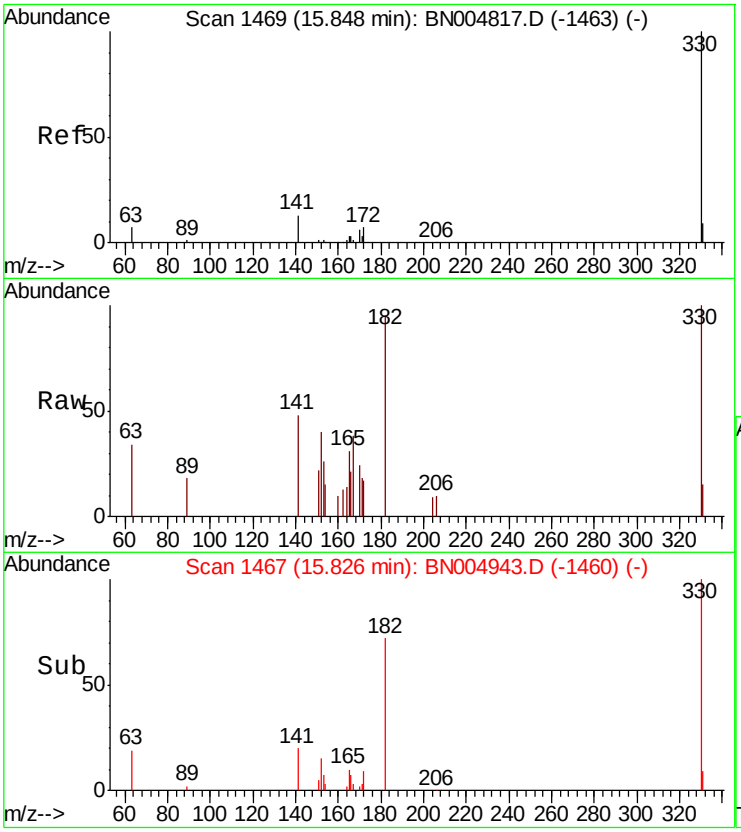


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:164 Resp: 7423

Ion	Ratio	Lower	Upper
164	100		
162	105.4	81.9	122.9
160	48.6	36.6	54.8



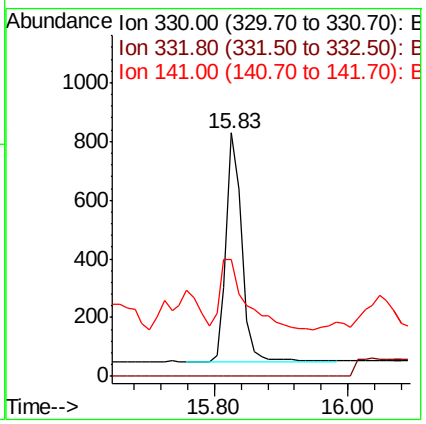


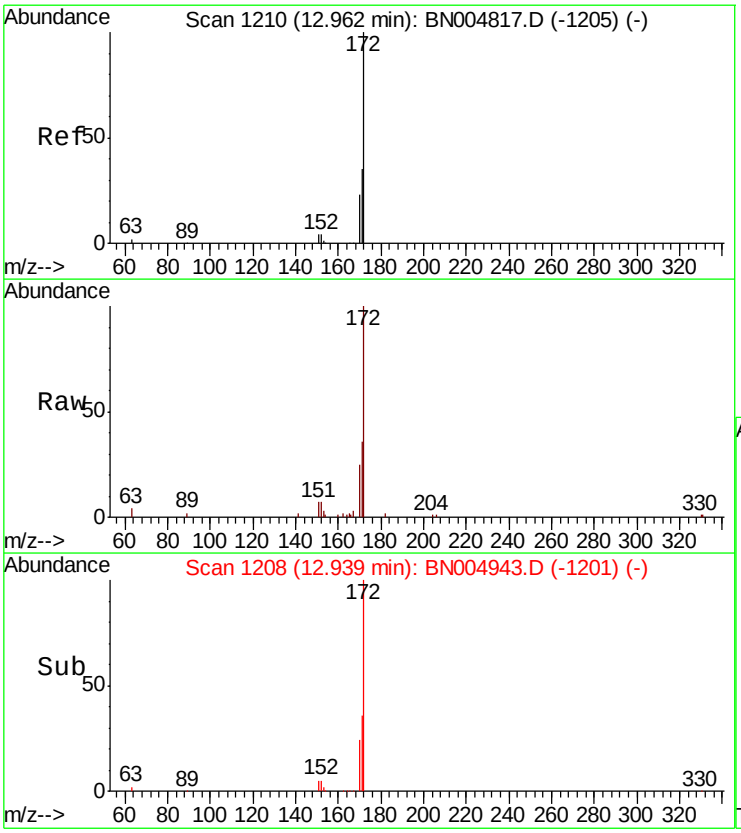
#14
2,4,6-Tribromophenol
Concen: 0.246 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:330 Resp: 1260

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	52.2	20.9	31.3#

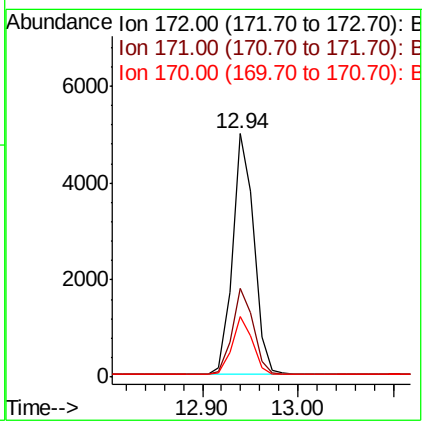


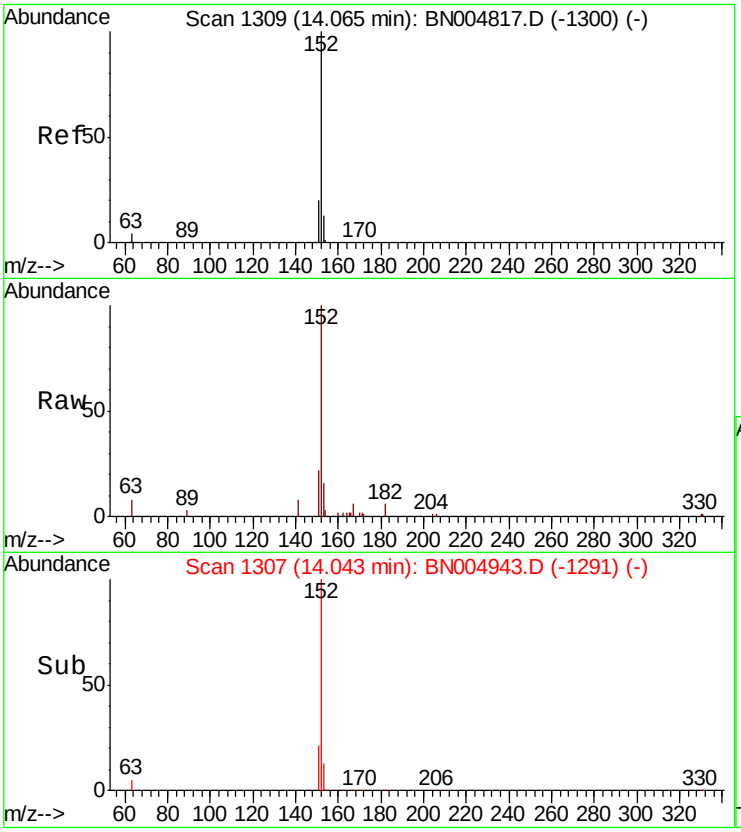


#15
2-Fluorobiphenyl
Concen: 0.252 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:172 Resp: 7718

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.7	43.1
170	24.7	18.7	28.1



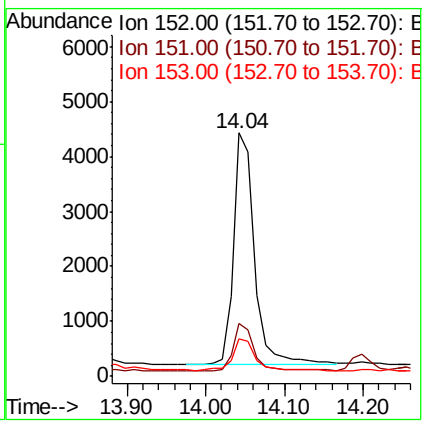


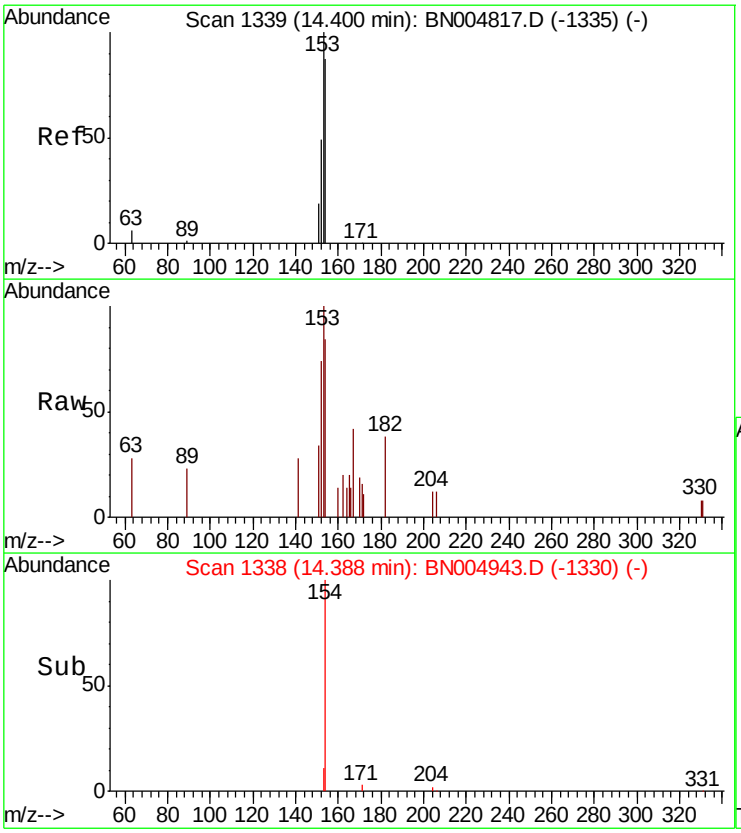
#16
Acenaphthylene
Concen: 0.206 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:152 Resp: 7860

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.1	24.1
153	14.2	10.5	15.7

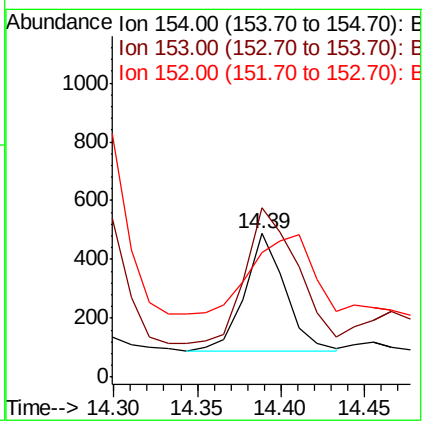


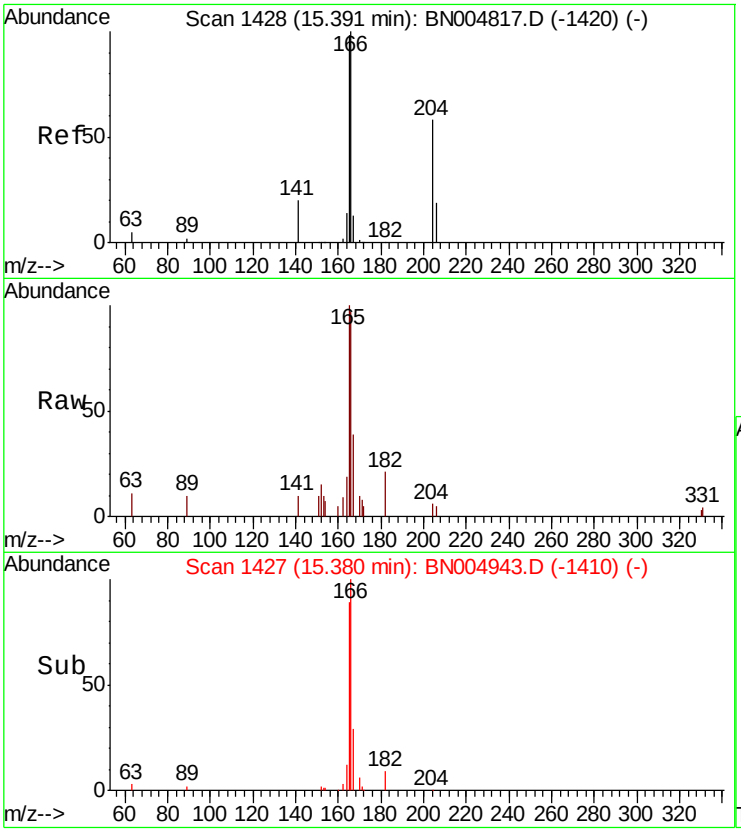


#17
Acenaphthene
Concen: 0.027 ng
RT: 14.39 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:154 Resp: 669

Ion	Ratio	Lower	Upper
154	100		
153	146.3	91.4	137.2#
152	0.0	44.2	66.2#



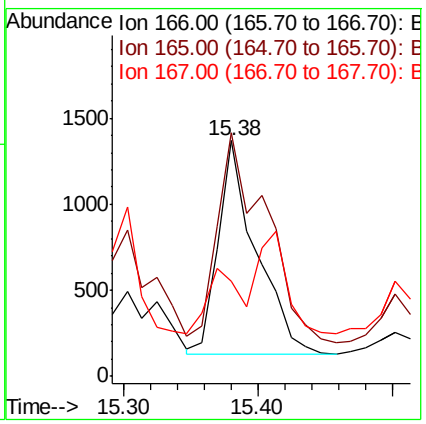


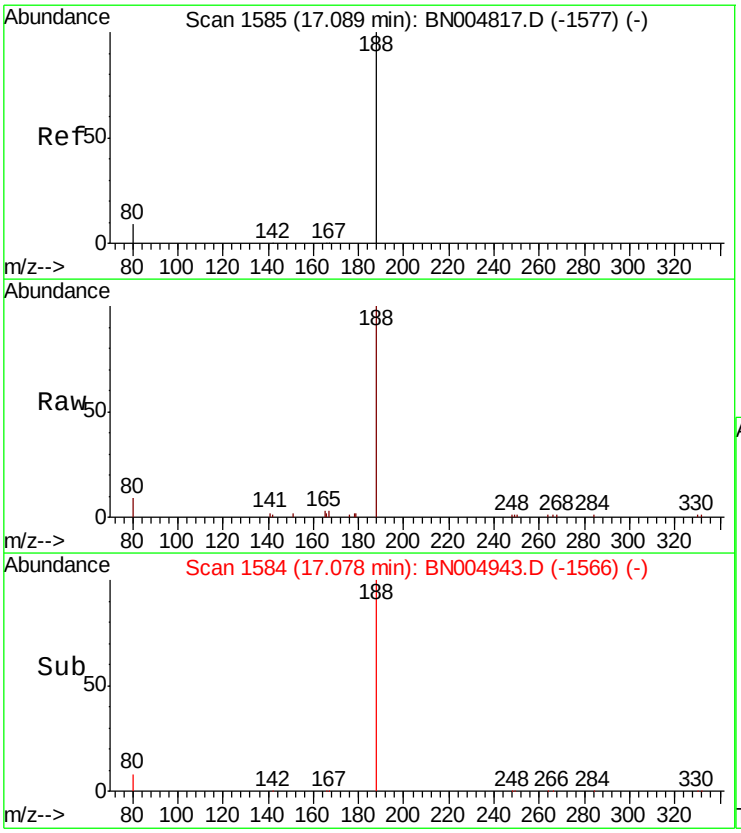
#18
Fluorene
Concen: 0.070 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:166 Resp: 2437

Ion	Ratio	Lower	Upper
166	100		
165	125.9	78.2	117.4#
167	0.0	11.0	16.4#

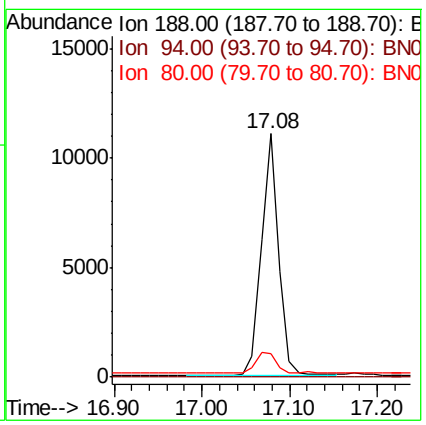


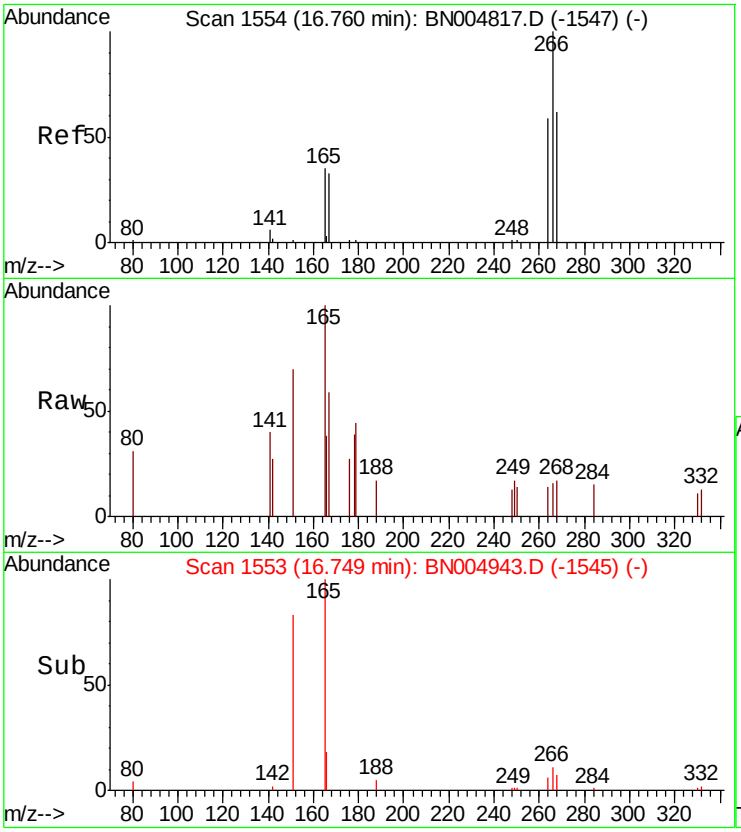


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:188 Resp: 15104

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.5	7.4	11.2



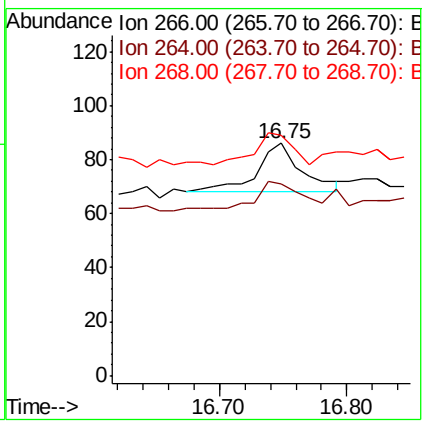


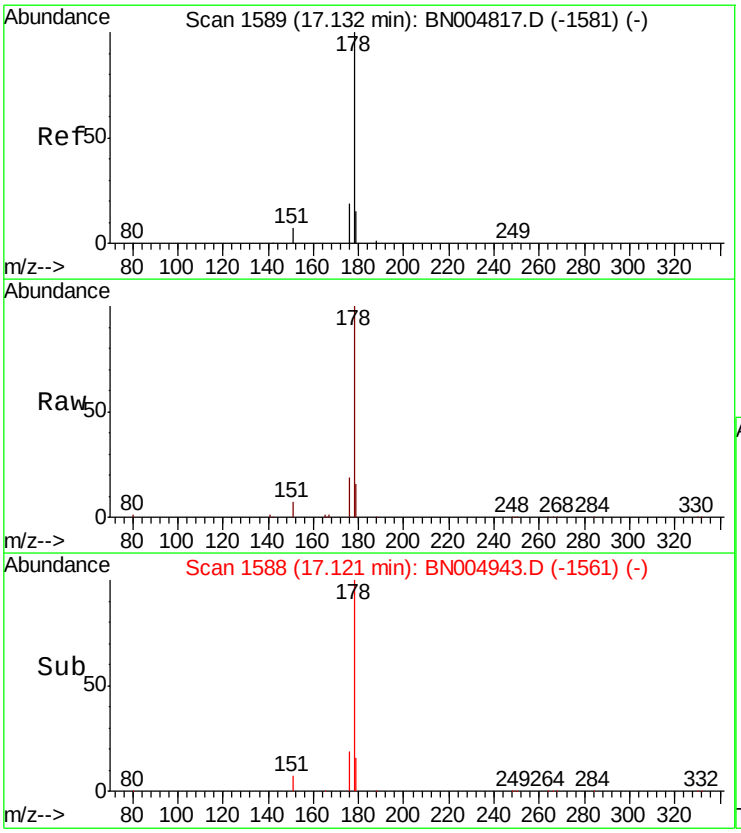
#22
Pentachlorophenol
Concen: 0.020 ng
RT: 16.75 min Scan# 1553
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:266 Resp: 45

Ion	Ratio	Lower	Upper
266	100		
264	82.6	53.1	79.7#
268	103.5	57.7	86.5#

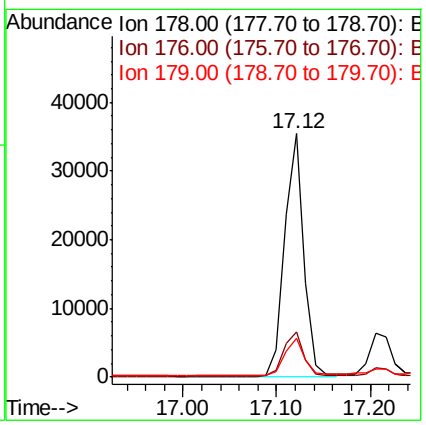


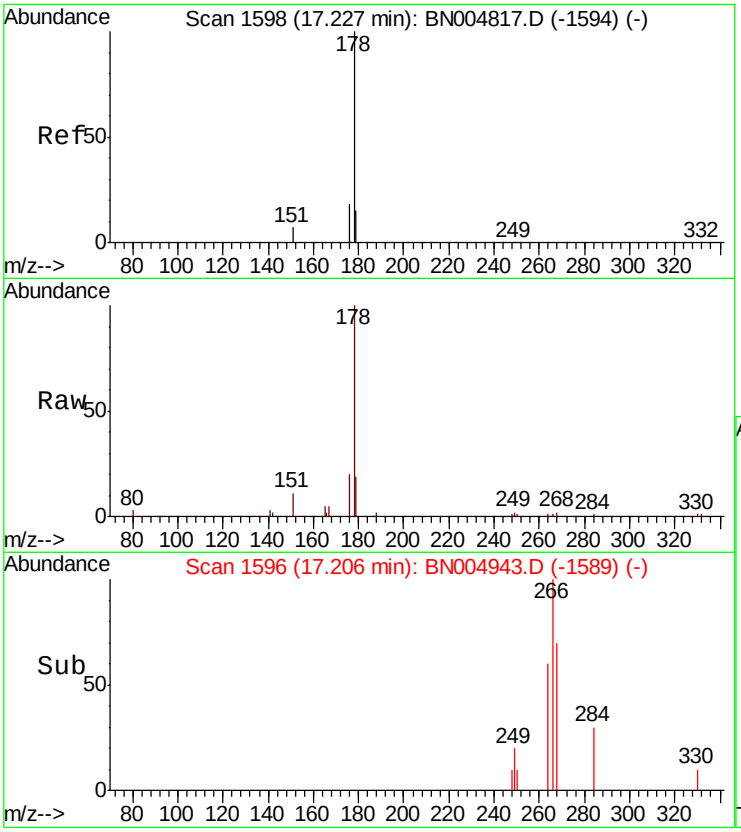


#23
Phenanthrene
Concen: 1.029 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:178 Resp: 50164

Ion	Ratio	Lower	Upper
178	100		
176	18.9	14.9	22.3
179	15.8	12.1	18.1



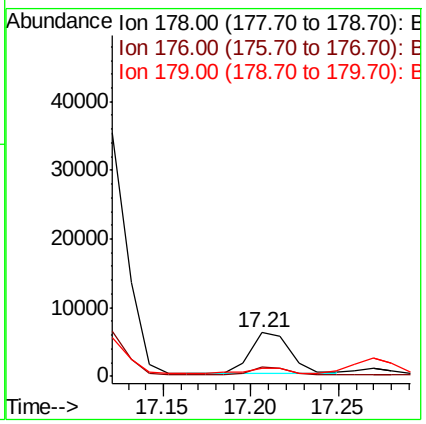


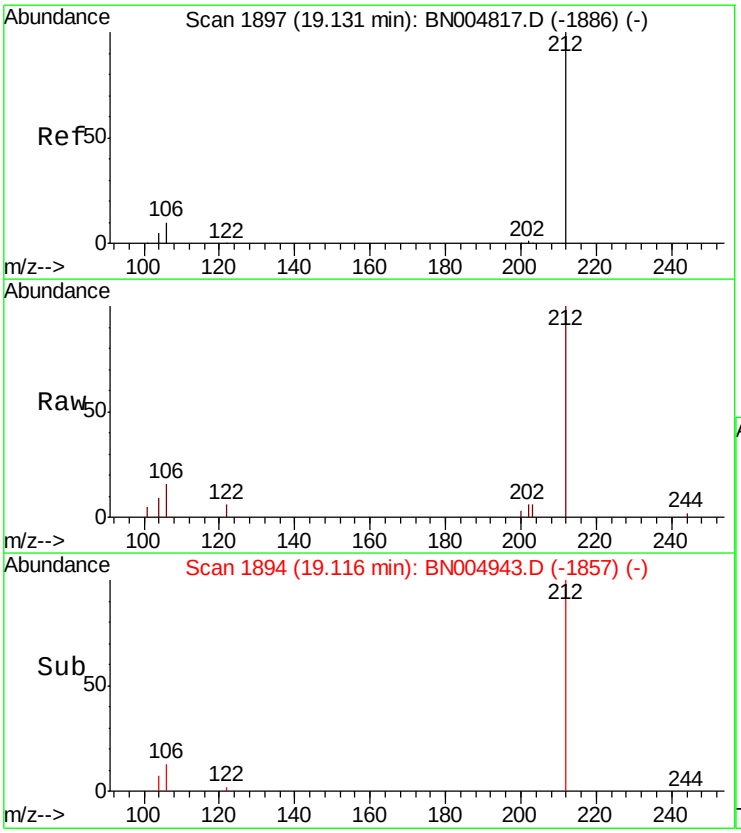
#24
Anthracene
Concen: 0.222 ng
RT: 17.21 min Scan# 1596
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:178 Resp: 9658

Ion	Ratio	Lower	Upper
178	100		
176	18.2	14.5	21.7
179	15.7	12.2	18.4

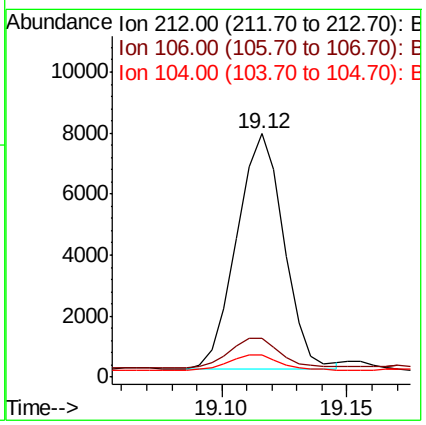


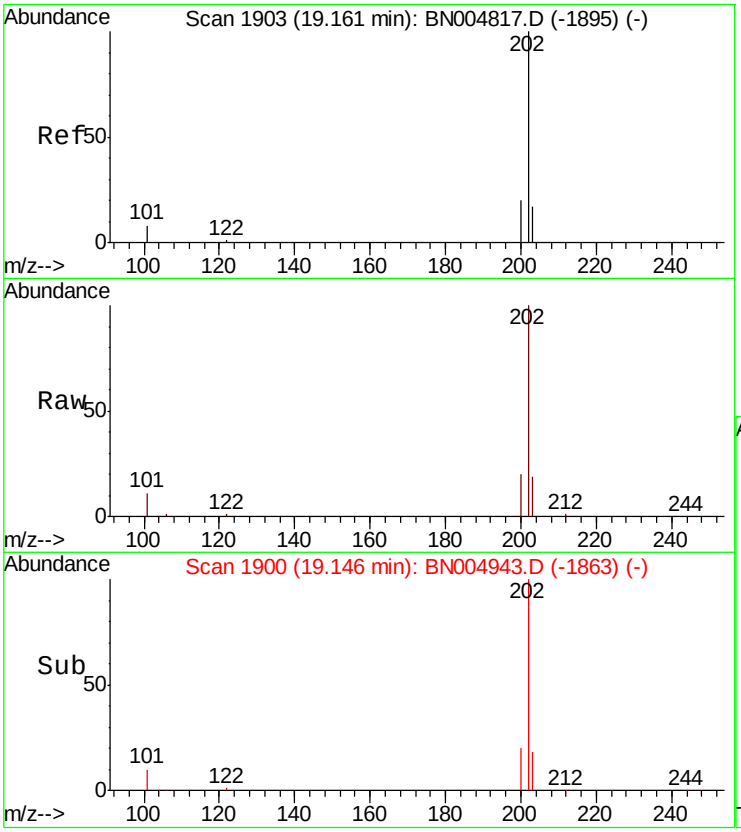


#25
Fluoranthene-d10
Concen: 0.200 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:212 Resp: 10099

Ion	Ratio	Lower	Upper
212	100		
106	13.4	8.6	13.0#
104	7.6	4.7	7.1#



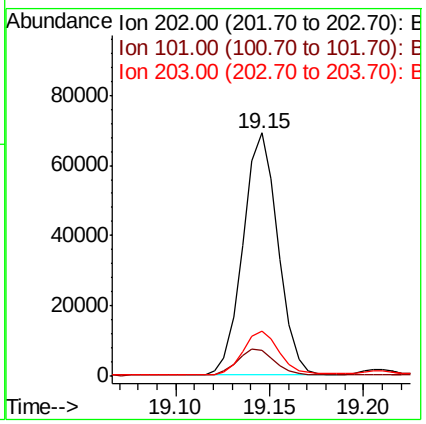


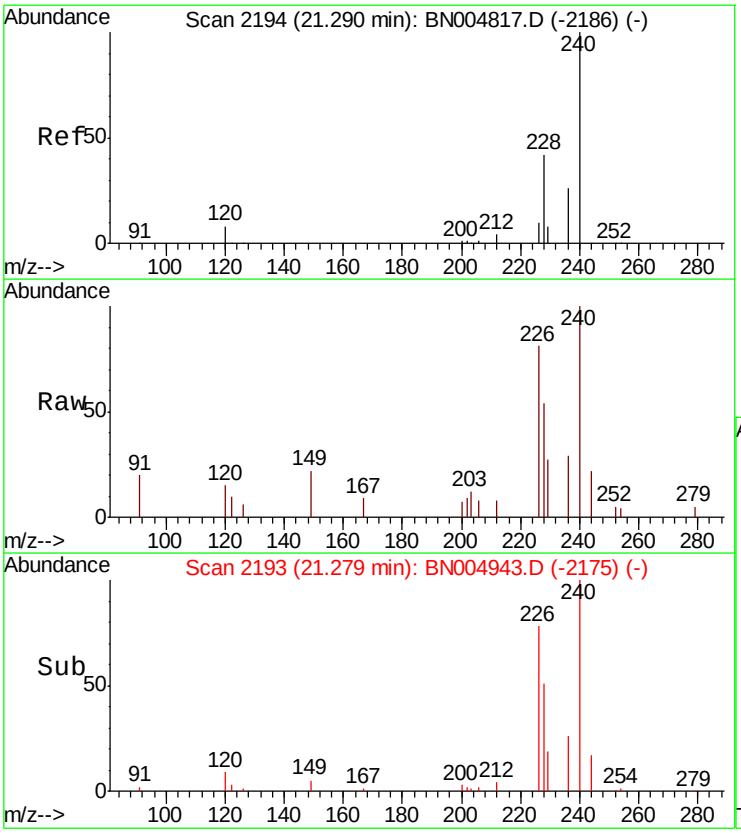
#26
Fluoranthene
Concen: 1.420 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:202 Resp: 89015

Ion	Ratio	Lower	Upper
202	100		
101	11.8	7.5	11.3#
203	18.9	13.8	20.6

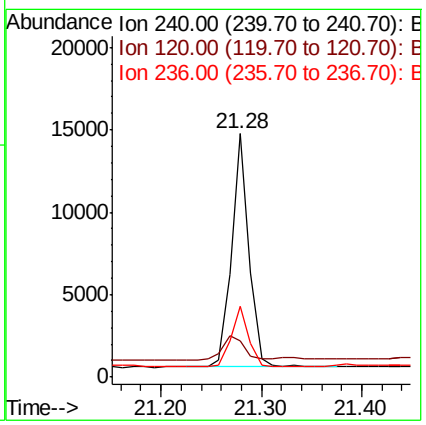


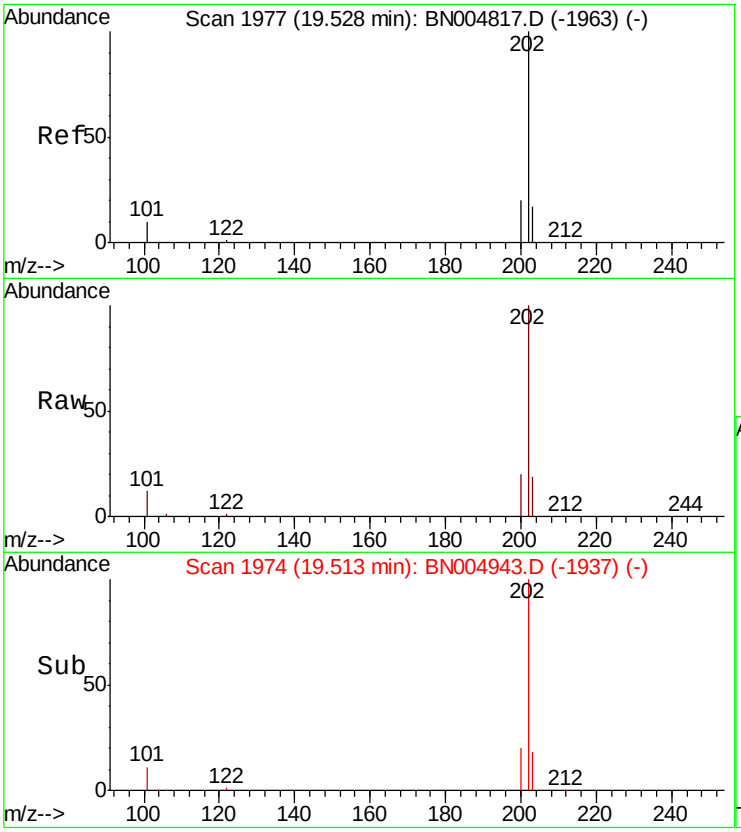


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:240 Resp: 17058

Ion	Ratio	Lower	Upper
240	100		
120	15.0	7.2	10.8#
236	29.1	20.9	31.3



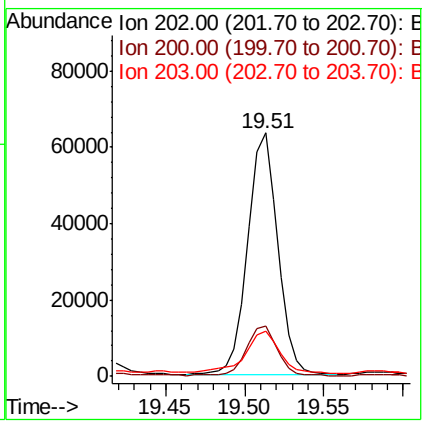


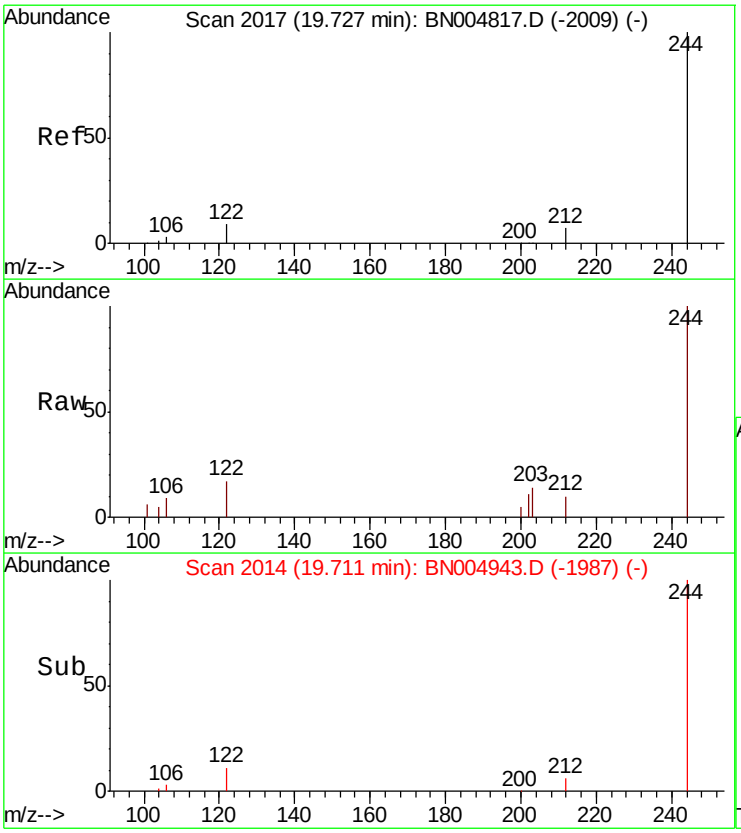
#28
Pyrene
Concen: 1.586 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:202 Resp: 82514

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	20.5	14.0	21.0

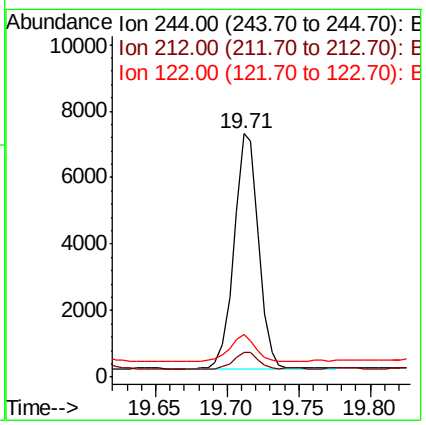


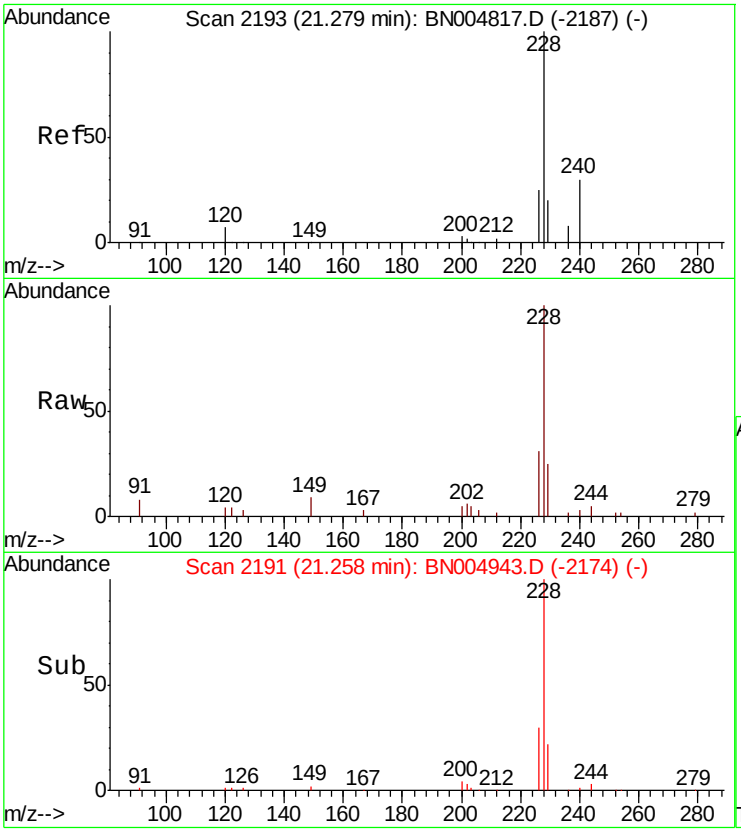


#29
Terphenyl-d14
Concen: 0.243 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:244 Resp: 8494

Ion	Ratio	Lower	Upper
244	100		
212	10.1	5.8	8.6#
122	17.4	7.9	11.9#



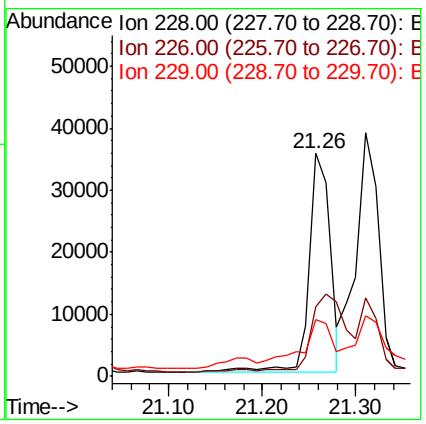


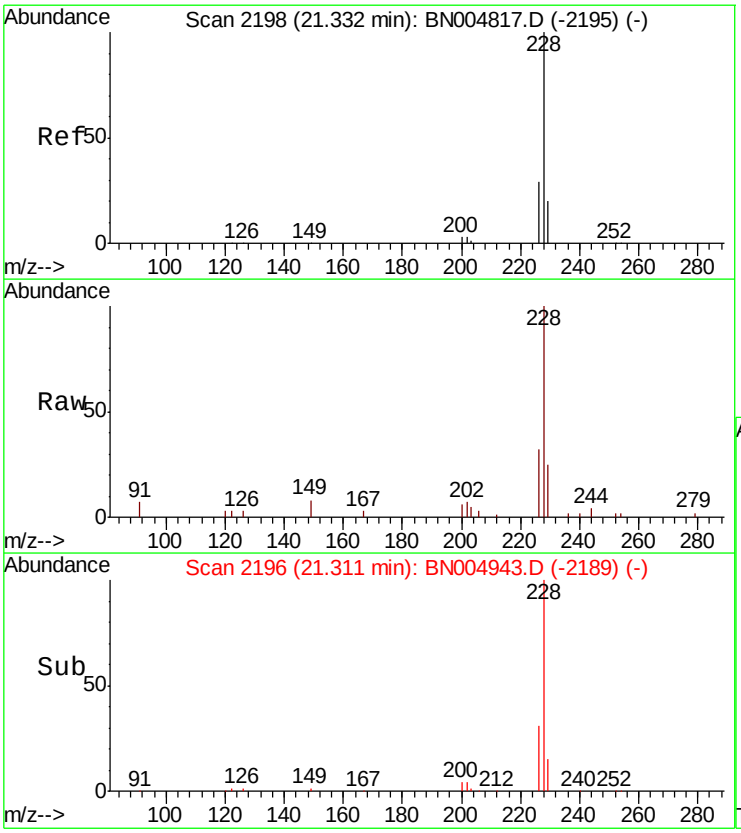
#30
Benzo(a)anthracene
Concen: 0.981 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:228 Resp: 54868

Ion	Ratio	Lower	Upper
228	100		
226	31.4	20.6	31.0#
229	25.2	16.2	24.4#

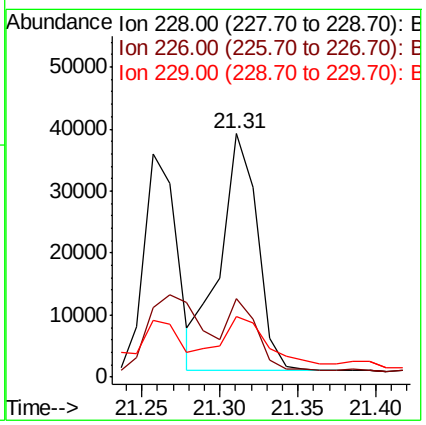


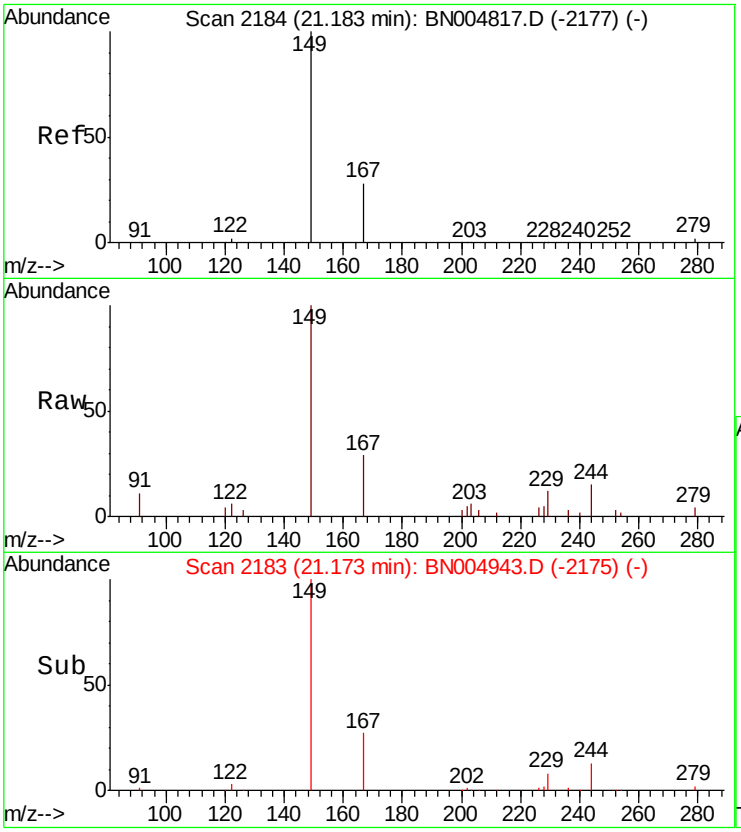


#31
Chrysene
Concen: 1.076 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:228 Resp: 63373

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.0	34.6
229	24.8	16.2	24.2#



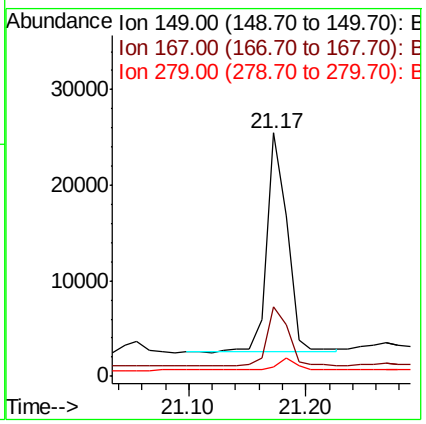


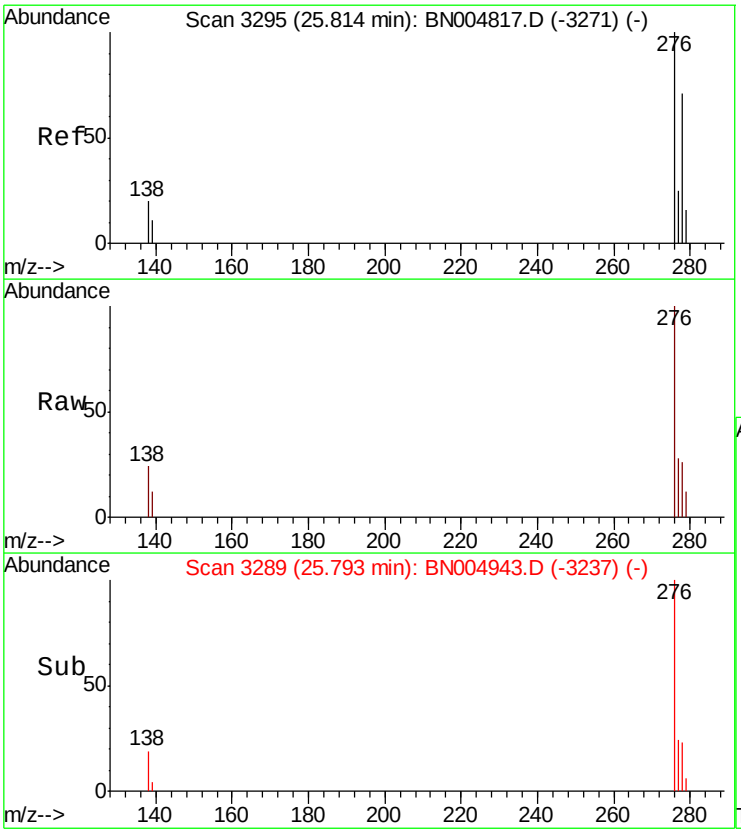
#32
Bis(2-ethylhexyl)phthalate
Concen: 1.249 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:149 Resp: 27912

Ion	Ratio	Lower	Upper
149	100		
167	28.5	23.0	34.4
279	6.3	4.6	6.8

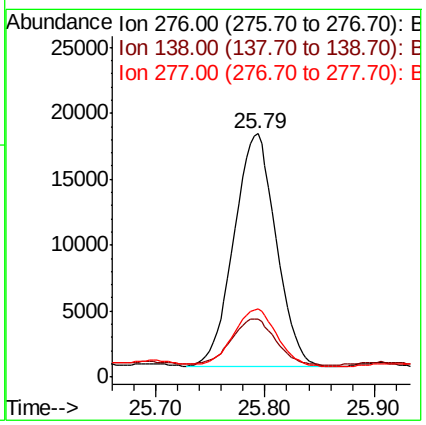


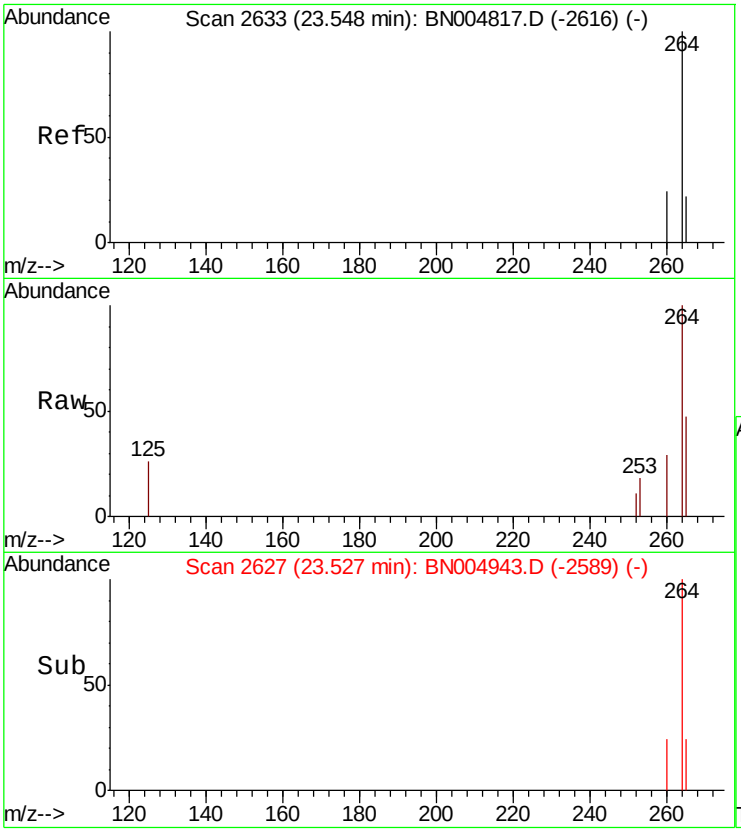


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.558 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:276 Resp: 47597

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.6	24.8
277	25.5	20.3	30.5



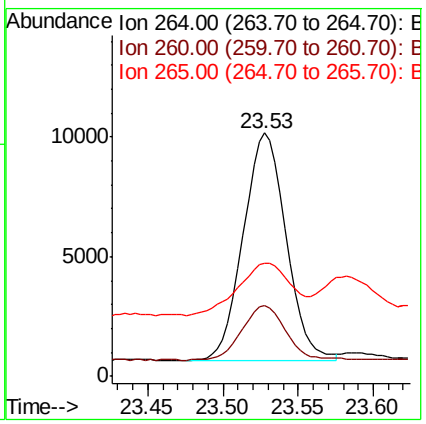


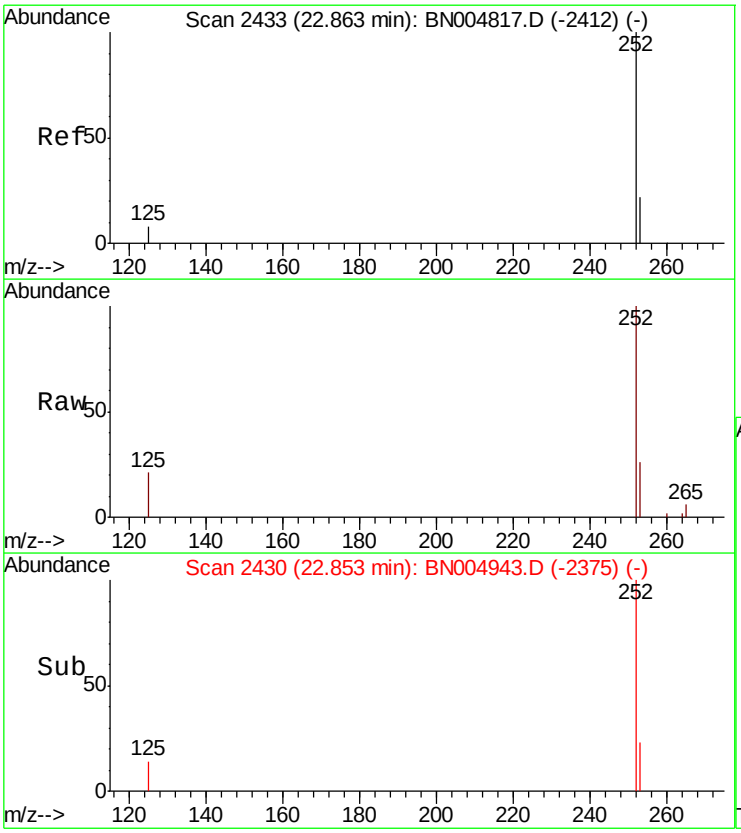
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:264 Resp: 18634

Ion	Ratio	Lower	Upper
264	100		
260	29.2	19.5	29.3
265	46.7	23.1	34.7#

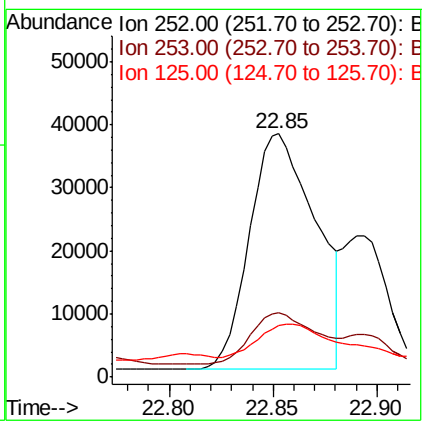


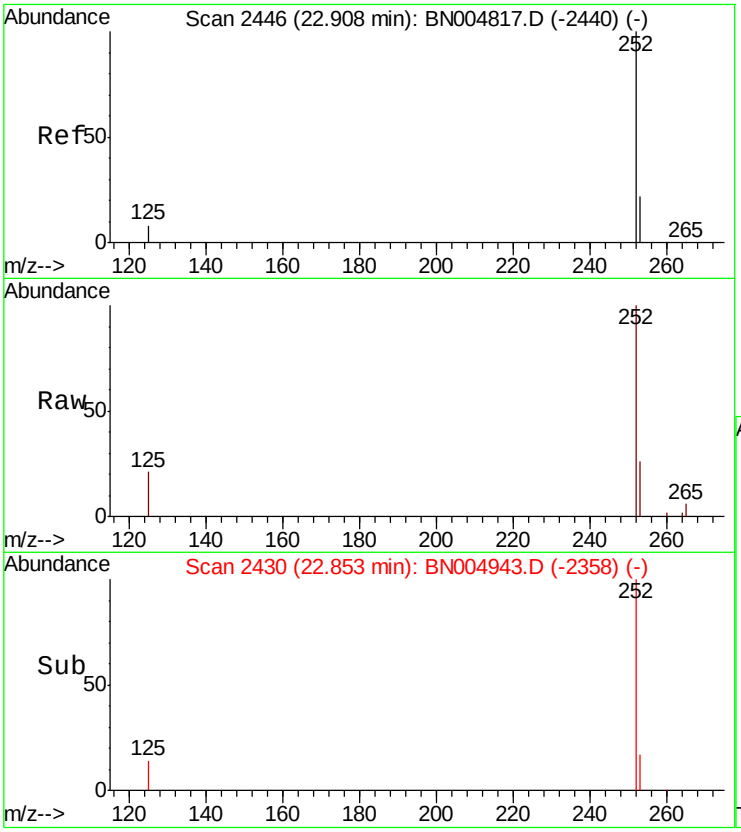


#35
Benzo(b)fluoranthene
Concen: 1.231 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:252 Resp: 82988

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.0	28.4
125	21.1	7.4	11.2#



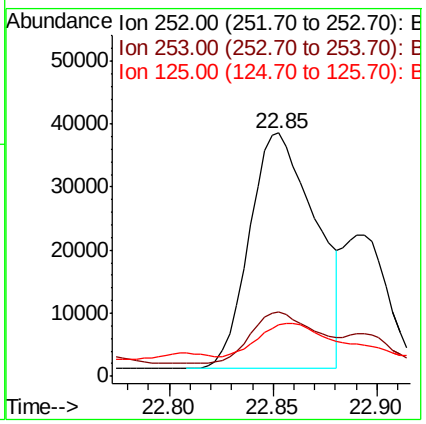


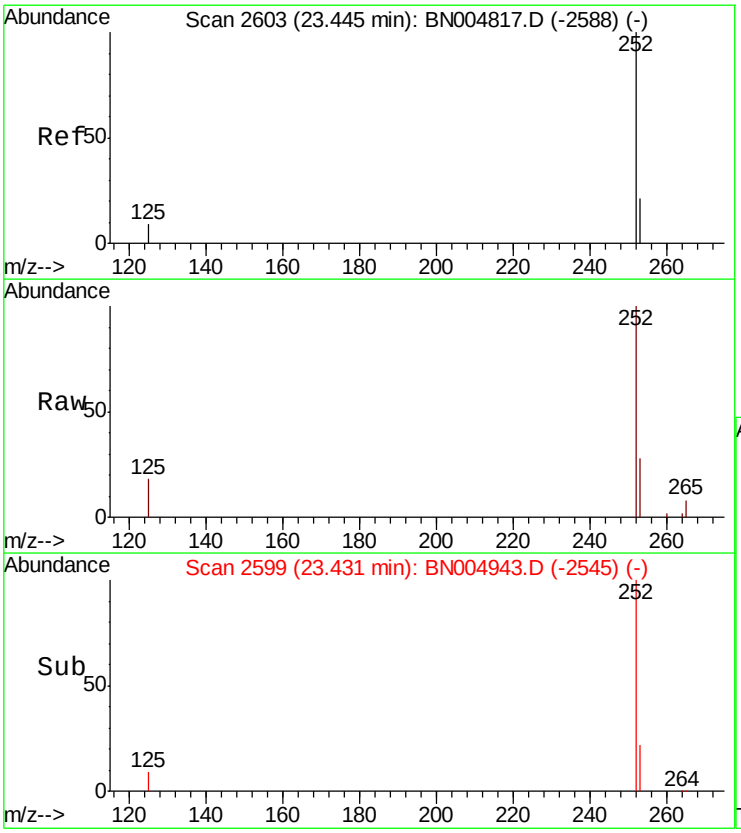
#36
Benzo(k)fluoranthene
Concen: 1.251 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.05 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:252 Resp: 82988

Ion	Ratio	Lower	Upper
252	100		
253	26.4	19.3	28.9
125	21.1	7.4	11.0#

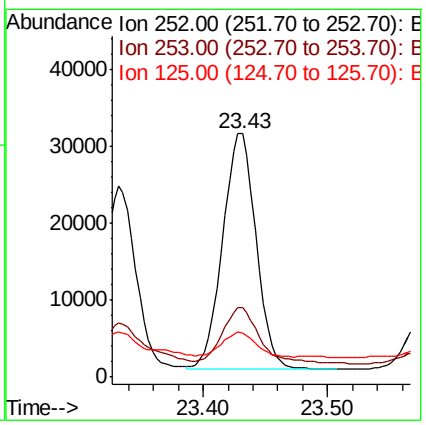


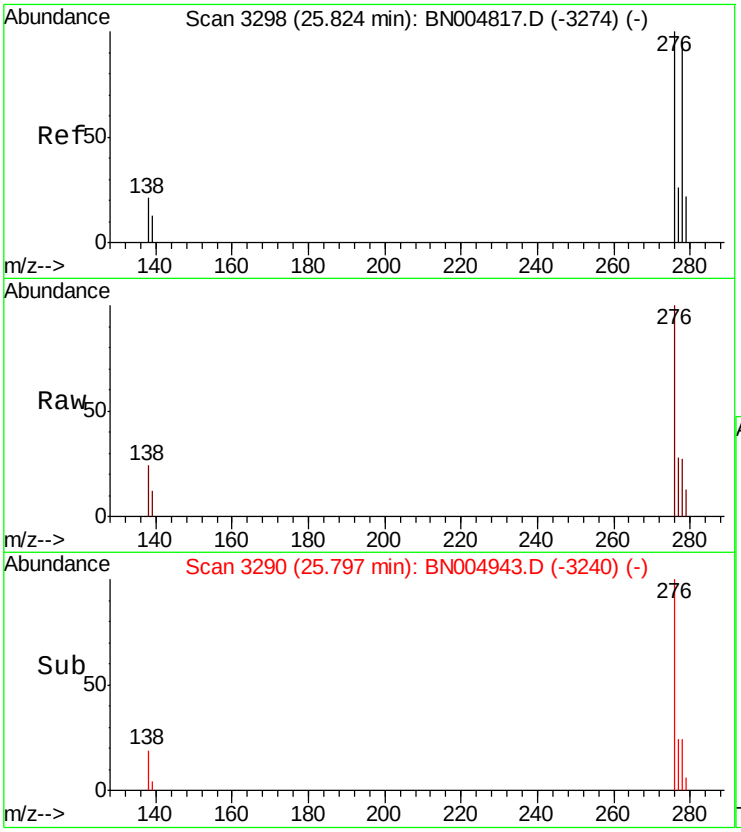


#37
Benzo(a)pyrene
Concen: 0.921 ng
RT: 23.43 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:252 Resp: 56974

Ion	Ratio	Lower	Upper
252	100		
253	28.4	19.7	29.5
125	18.2	8.3	12.5#



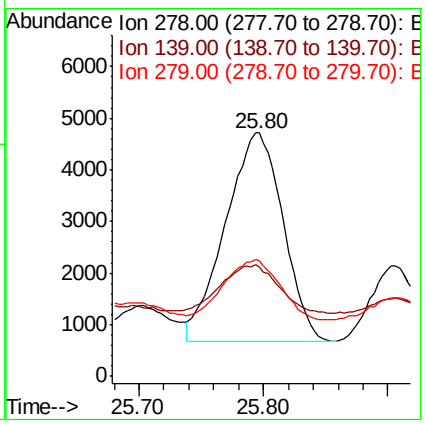


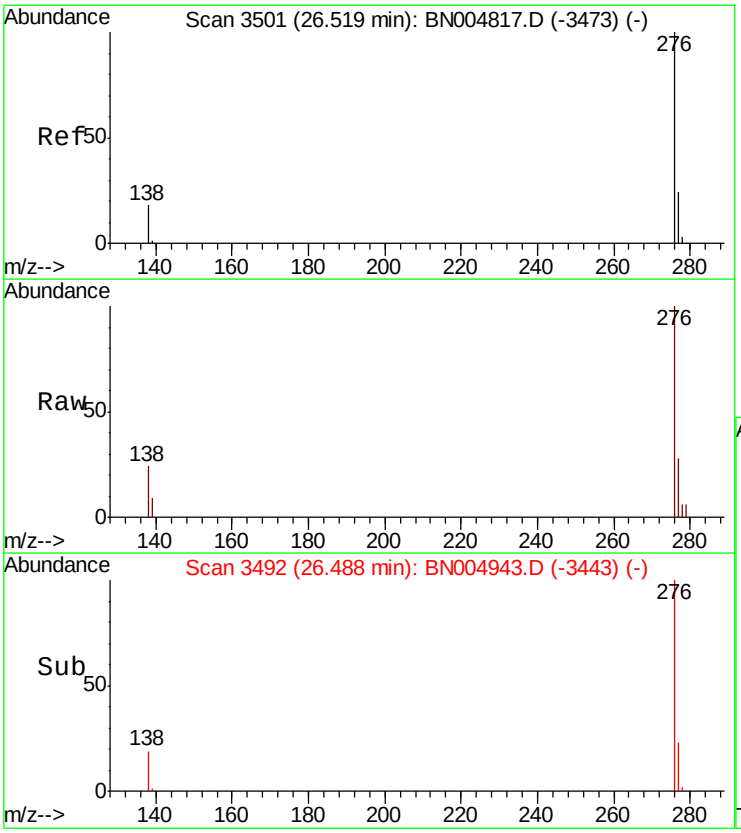
#38
Dibenzo(a,h)anthracene
Concen: 0.181 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Instrument :
BNA_N
ClientSampleId :
PST-074-B161-031919

Tgt Ion:278 Resp: 12986

Ion	Ratio	Lower	Upper
278	100		
139	44.9	11.7	17.5#
279	47.4	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.642 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004943.D
Acq: 24 Mar 2019 17:36

Tgt Ion:276 Resp: 46812

Ion	Ratio	Lower	Upper
276	100		
277	27.7	19.7	29.5
138	24.2	14.6	22.0#