Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004946.D
Acq On : 24 Mar 2019 19:22
Operator : JU/SJ
Sample : K2015-17
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-073-B158-031919

Quant Time: Mar 25 02:57:52 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	3372	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	13765	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	7085	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	14948	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	16709	0.40	ng		-0.01
34) Perylene-d12	23.52	264	17444	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3614	0.39	ng		0.00
5) Phenol-d6	6.86	99	4475	0.39	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3619	0.40	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7620	0.32	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1533	0.31	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	10318	0.35	ng		-0.02
25) Fluoranthene-d10	19.12	212	14598	0.29	ng		-0.02
29) Terphenyl-d14	19.71	244	9917	0.29	ng		-0.02
Target Compounds							Qvalue
16) Acenaphthylene	14.04	152	1874	0.051	ng		98
23) Phenanthrene	17.12	178	10431	0.216	ng		99
24) Anthracene	17.22	178	1635	0.038	ng		97
26) Fluoranthene	19.15	202	20075	0.324	ng	#	97
28) Pyrene	19.51	202	19380	0.380	ng		96
30) Benzo(a)anthracene	21.26	228	9770	0.178	ng	#	86
31) Chrysene	21.31	228	12220	0.212	ng	#	90
32) Bis(2-ethylhexyl)phthalate	21.17	149	13101	0.598	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	9869	0.118	ng		98
35) Benzo(b)fluoranthene	22.85	252	17255	0.273	ng	#	67
36) Benzo(k)fluoranthene	22.85	252	17255	0.278	ng	#	67
37) Benzo(a)pyrene	23.43	252	11116	0.192	ng	#	67
38) Dibenzo(a,h)anthracene	25.79	278	2947	0.044	ng	#	1
39) Benzo(g,h,i)perylene	26.49	276	9767	0.143	ng	#	78

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

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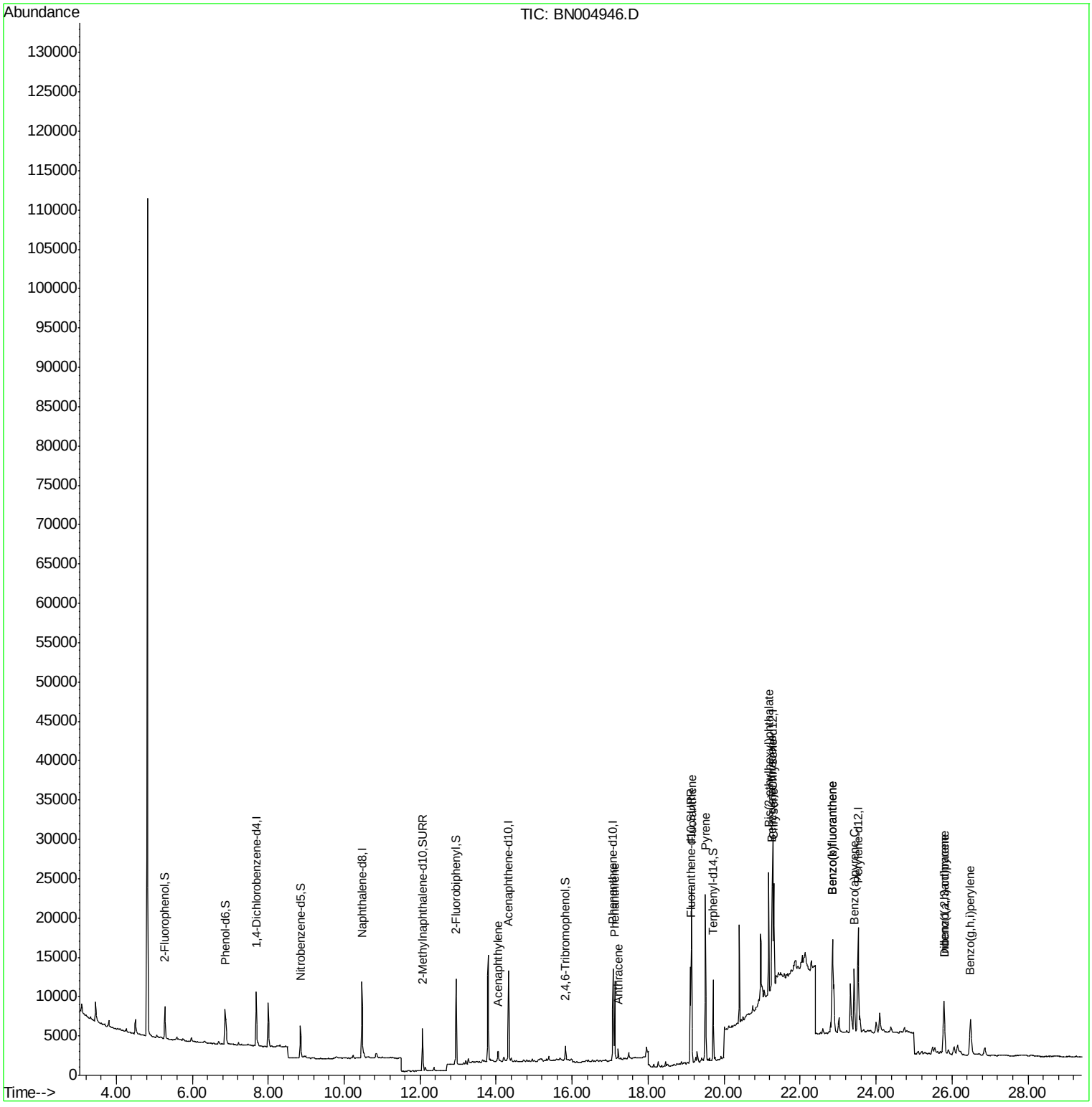
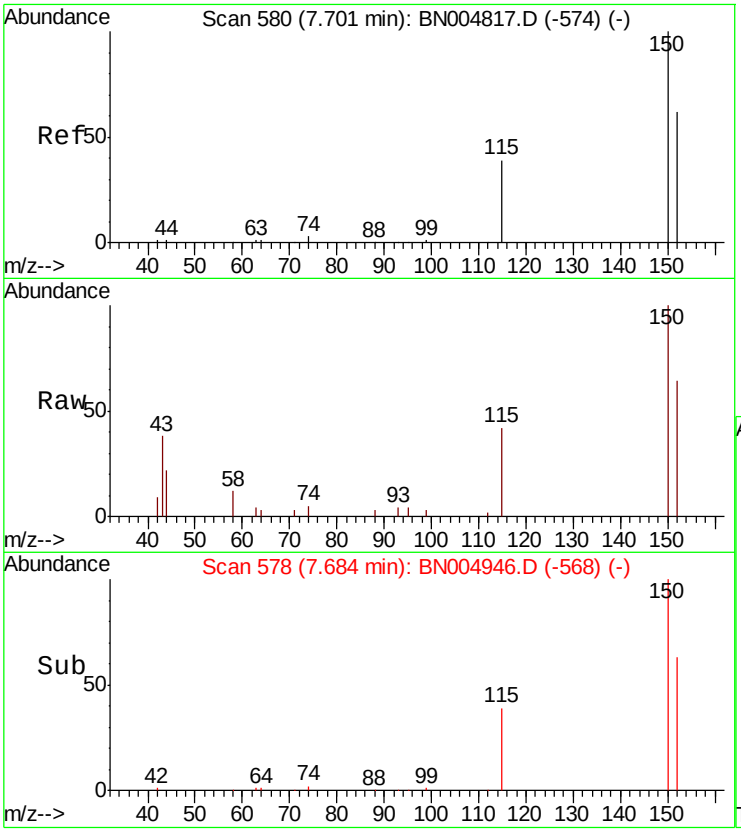


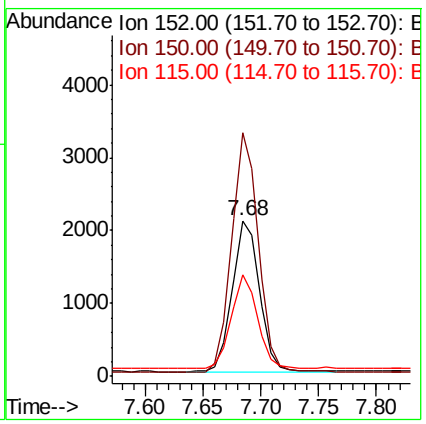


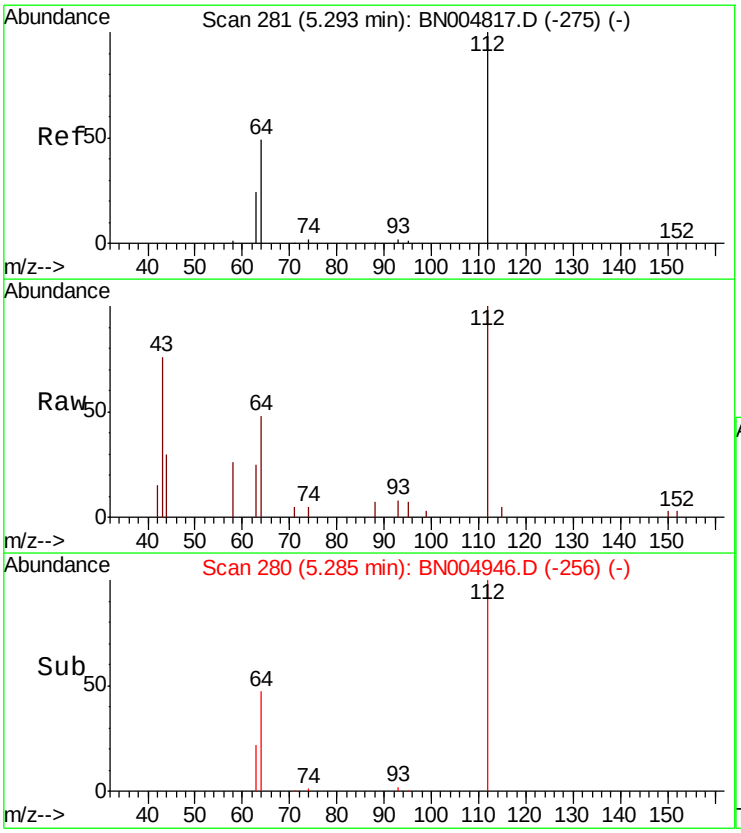
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:152 Resp: 3372

Ion	Ratio	Lower	Upper
152	100		
150	156.2	126.2	189.4
115	65.0	52.6	79.0

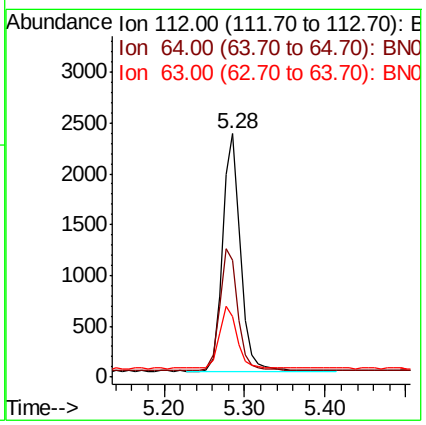


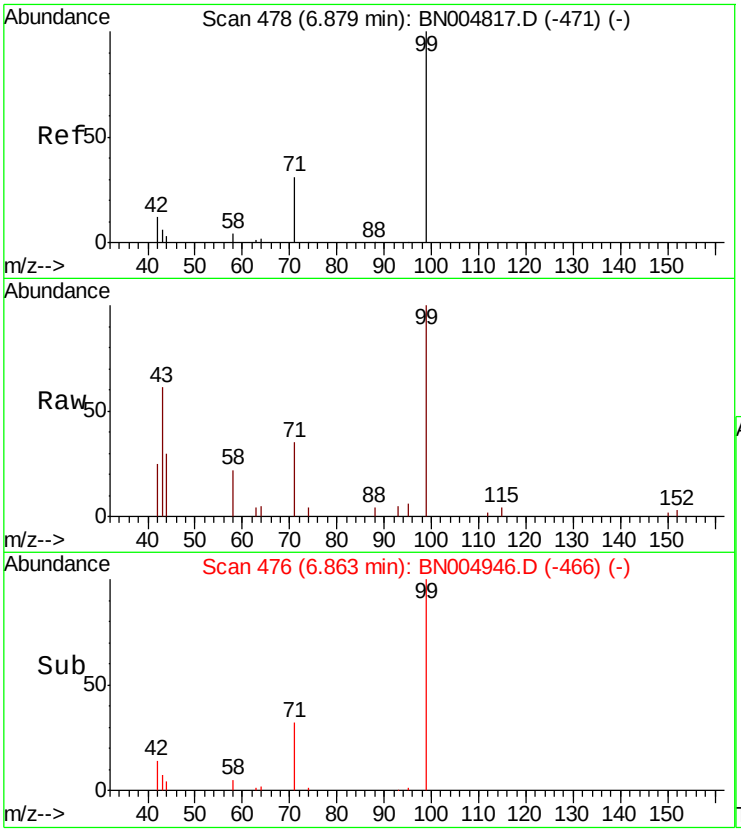


#4
2-Fluorophenol
Concen: 0.394 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:112 Resp: 3614

Ion	Ratio	Lower	Upper
112	100		
64	53.1	40.0	60.0
63	25.9	20.2	30.2



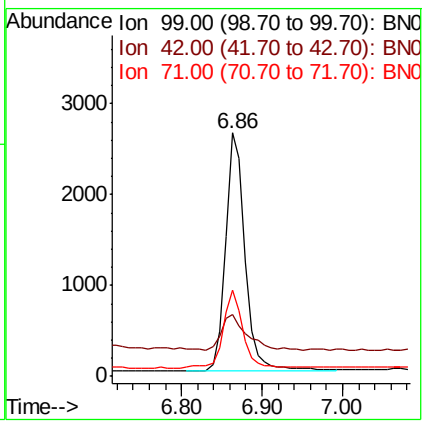


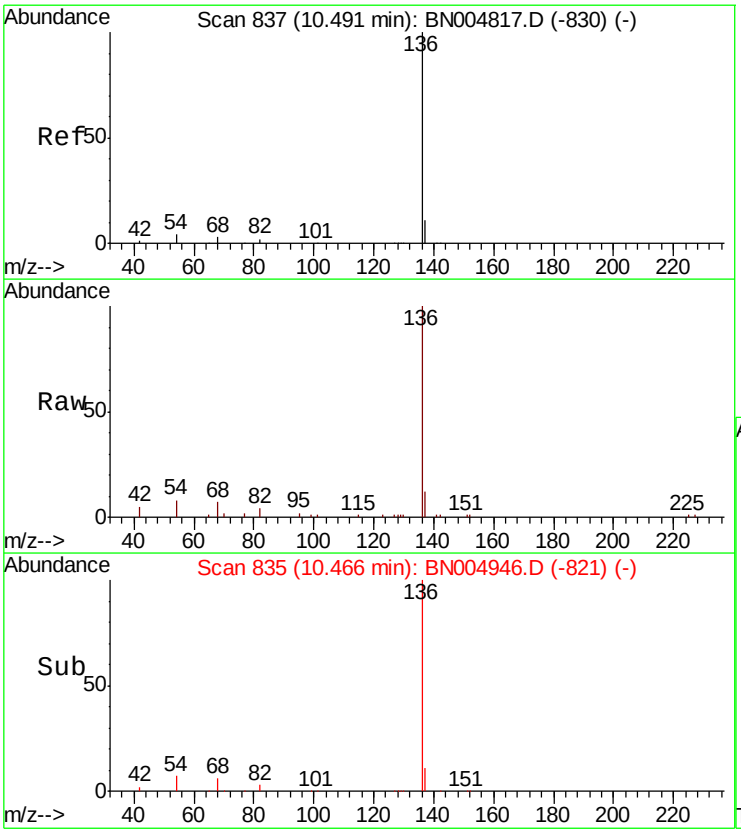
#5
Phenol-d6
Concen: 0.392 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion: 99 Resp: 4475

Ion	Ratio	Lower	Upper
99	100		
42	19.2	12.7	19.1#
71	32.0	26.6	40.0

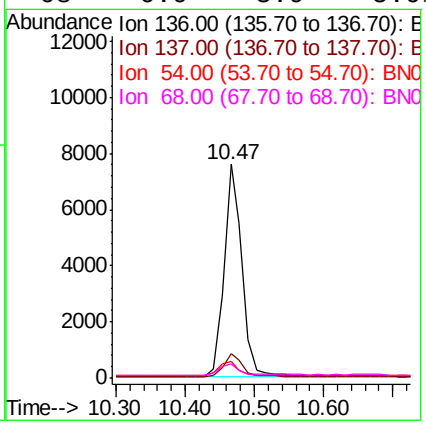


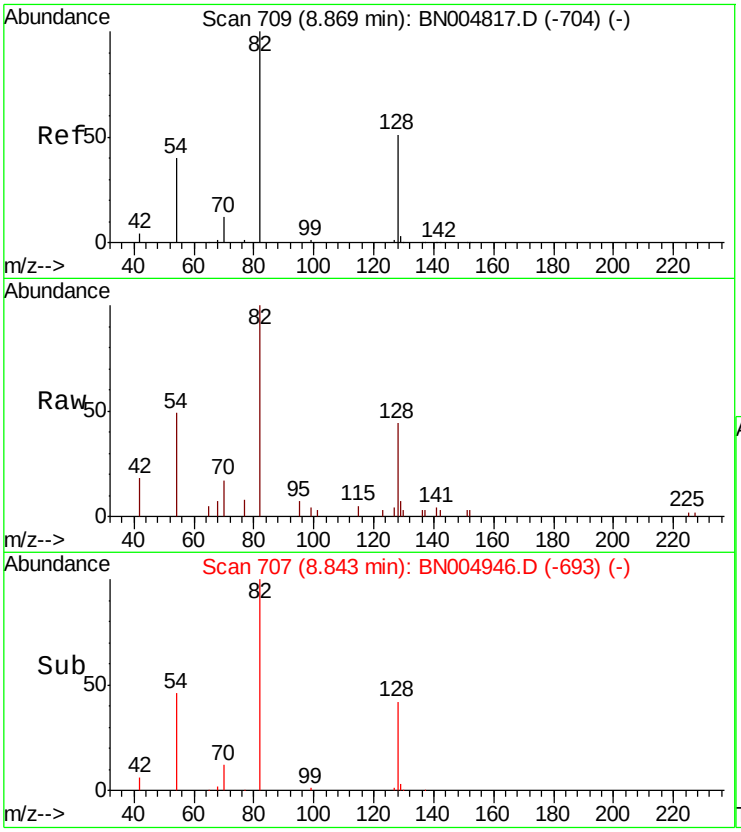


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:136 Resp: 13765

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.6	14.4
54	7.8	4.2	6.2#
68	6.9	3.9	5.9#



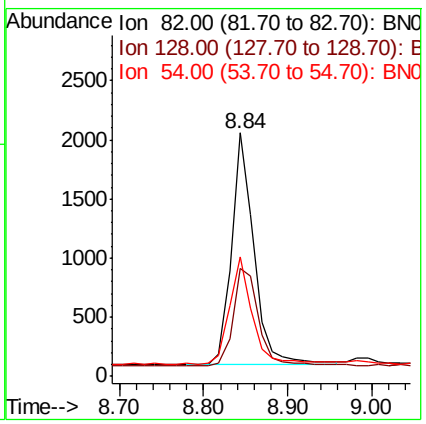


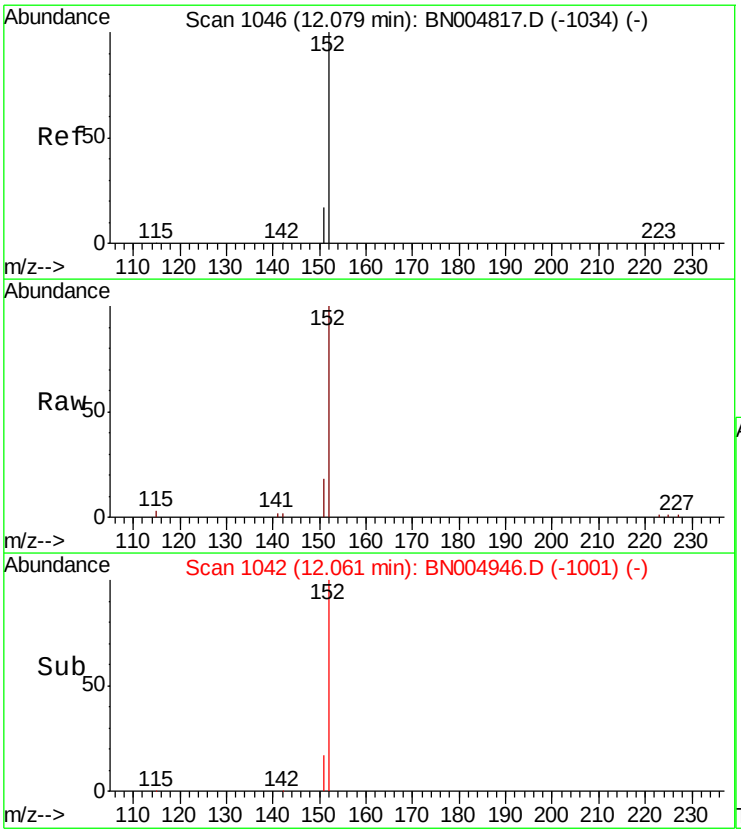
#8
Nitrobenzene-d5
Concen: 0.397 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion: 82 Resp: 3619

Ion	Ratio	Lower	Upper
82	100		
128	44.2	43.0	64.6
54	49.0	35.3	52.9

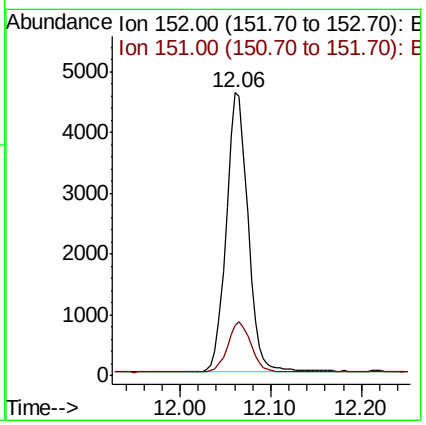


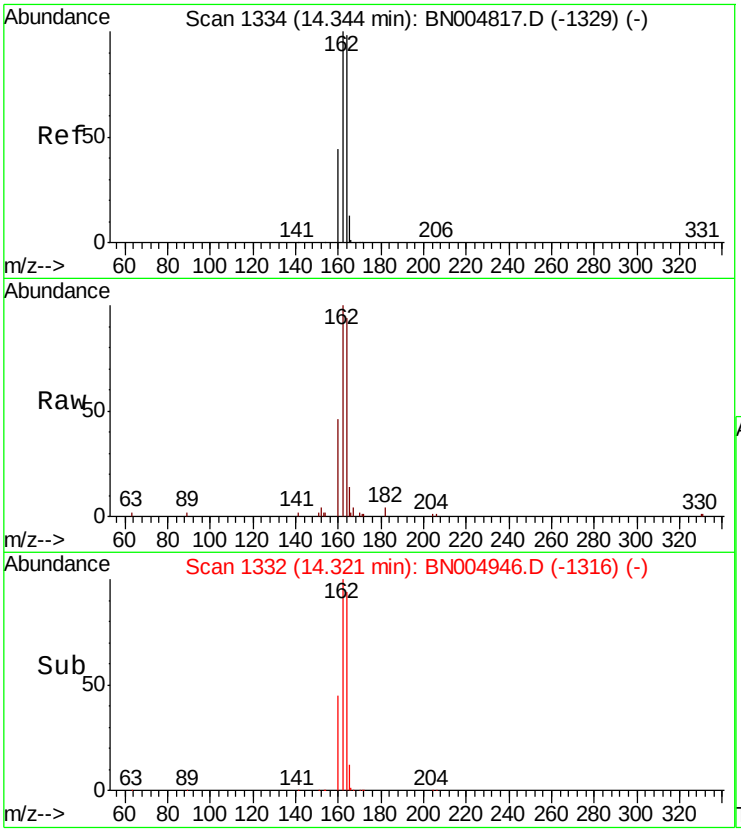


#11
2-Methylnaphthalene-d10
Concen: 0.317 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:152 Resp: 7620

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



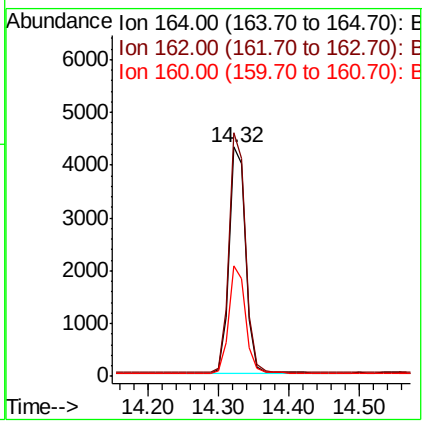


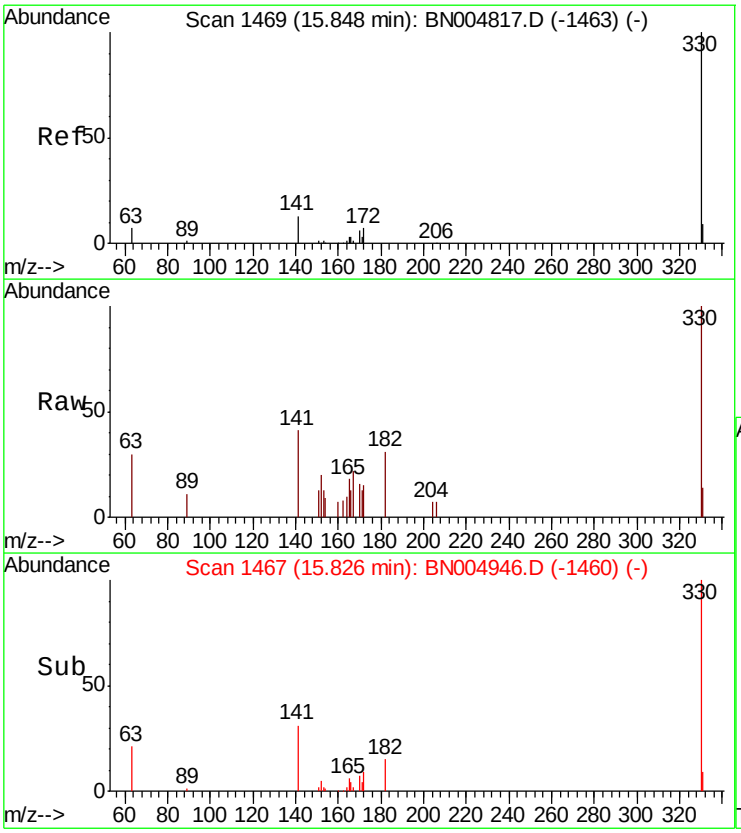
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:164 Resp: 7085

Ion	Ratio	Lower	Upper
164	100		
162	106.3	81.9	122.9
160	48.5	36.6	54.8

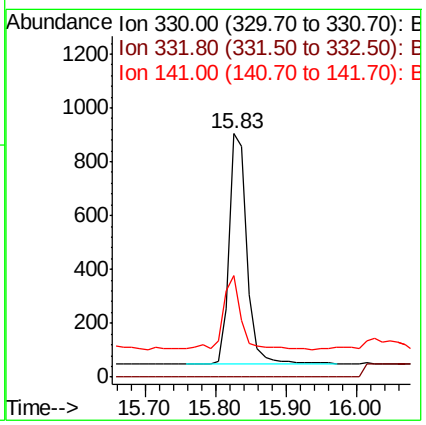


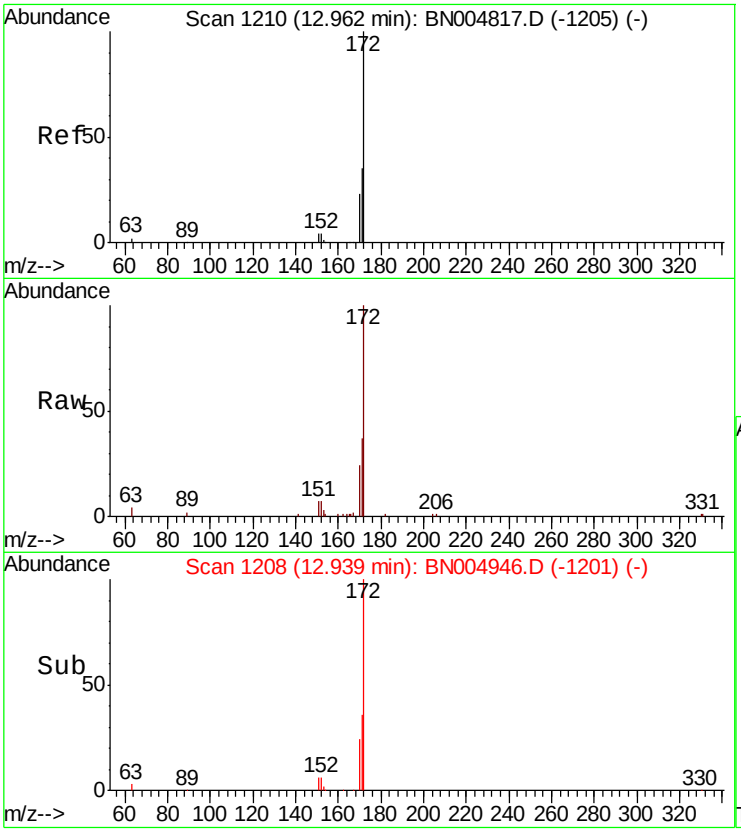


#14
2,4,6-Tribromophenol
Concen: 0.313 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:330 Resp: 1533

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.1	20.9	31.3#



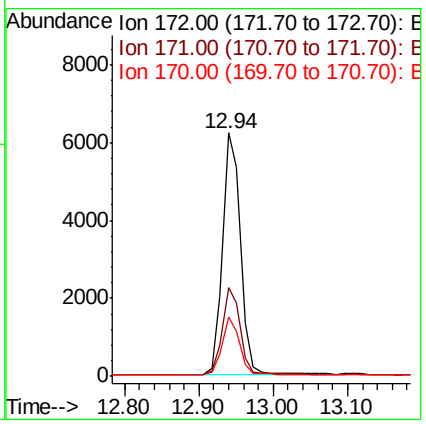


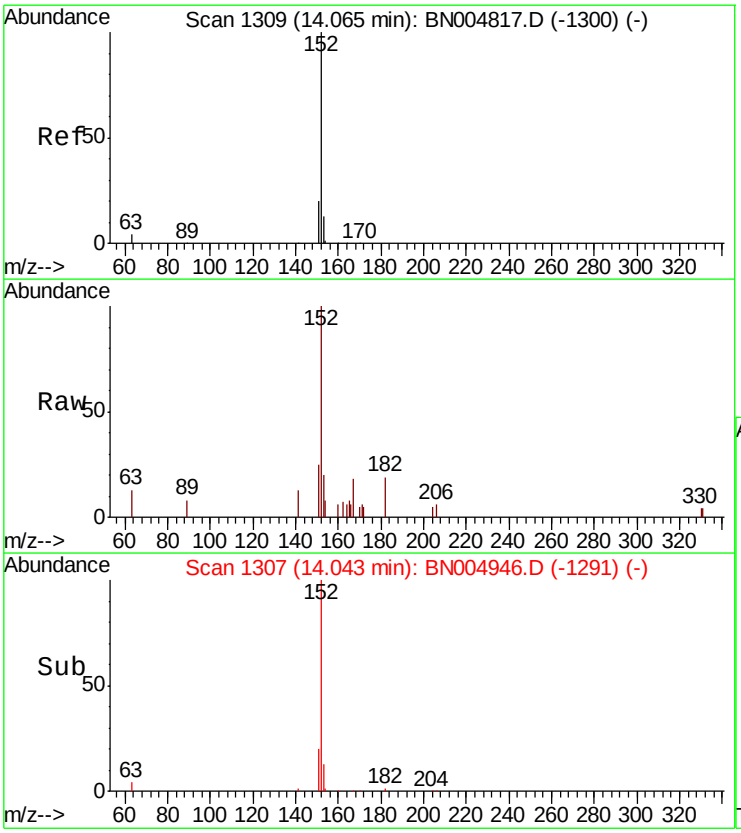
#15
2-Fluorobiphenyl
Concen: 0.352 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:172 Resp: 10318

Ion	Ratio	Lower	Upper
172	100		
171	36.6	28.7	43.1
170	24.2	18.7	28.1

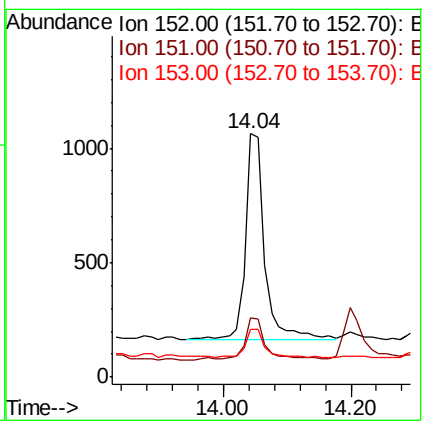


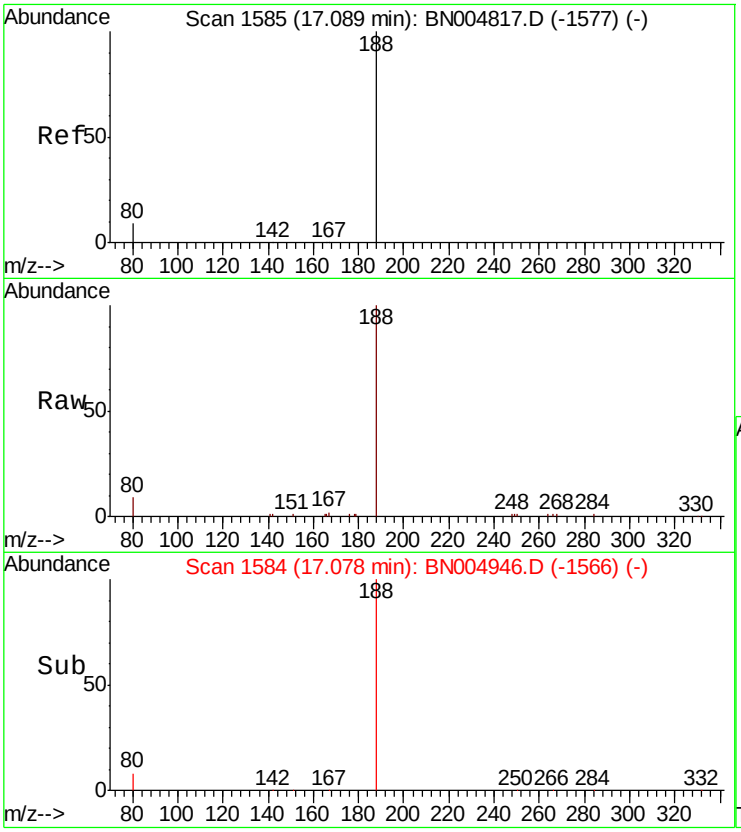


#16
Acenaphthylene
Concen: 0.051 ng
RT: 14.04 min Scan# 1307
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:152 Resp: 1874

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.1	24.1
153	13.8	10.5	15.7



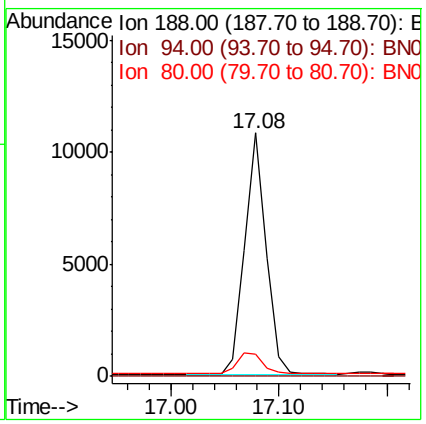


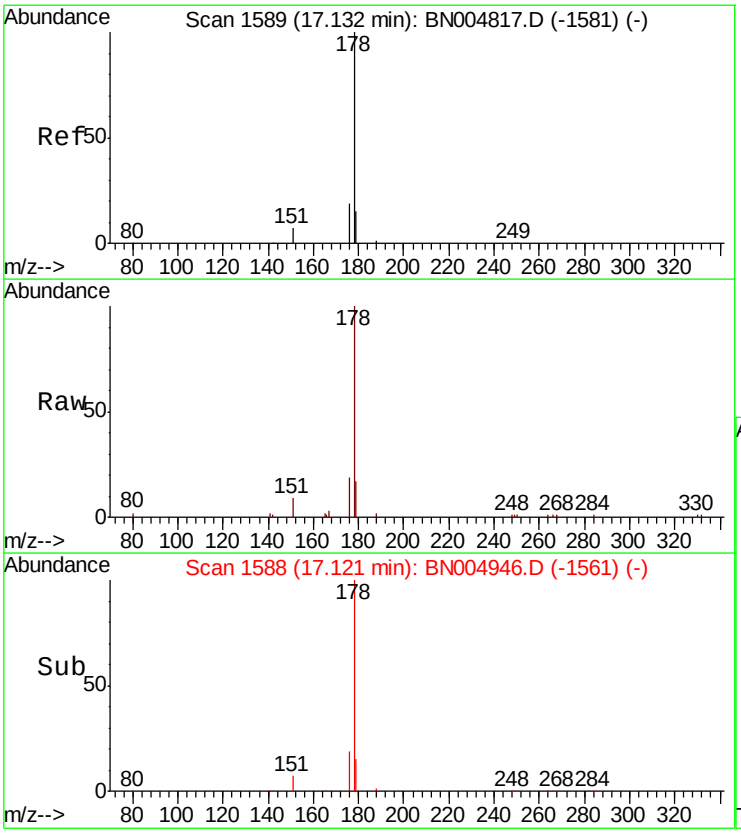
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:188 Resp: 14948

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.2	7.4	11.2

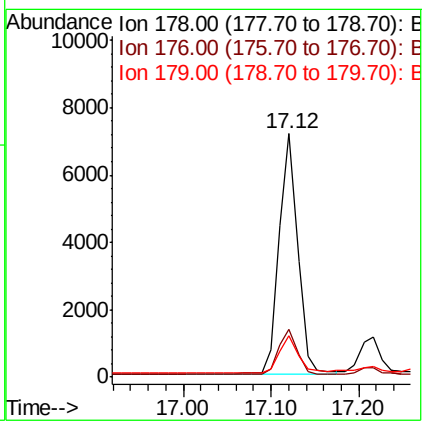


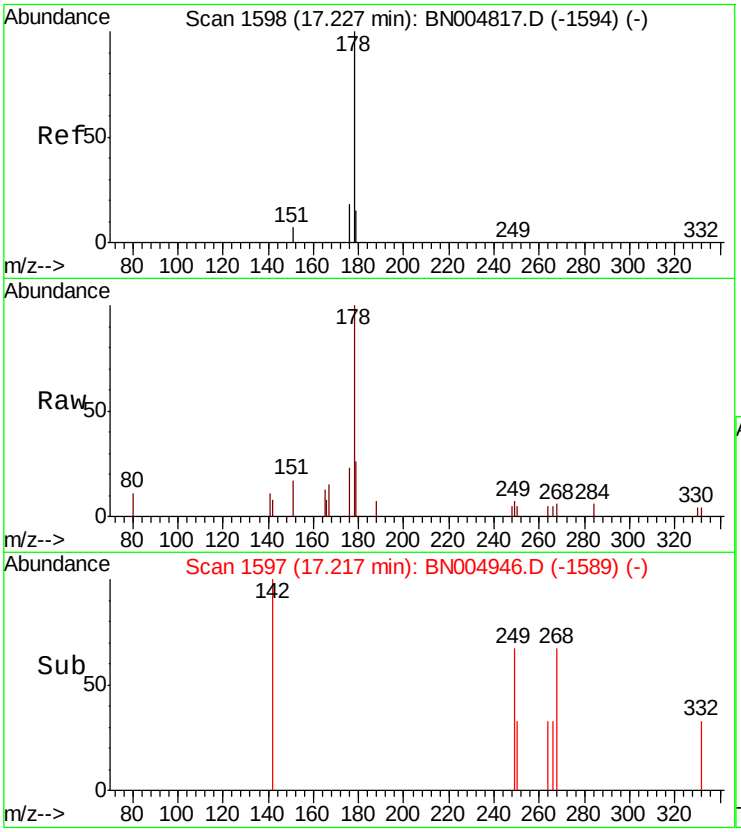


#23
Phenanthrene
Concen: 0.216 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:178 Resp: 10431

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.9	22.3
179	16.2	12.1	18.1



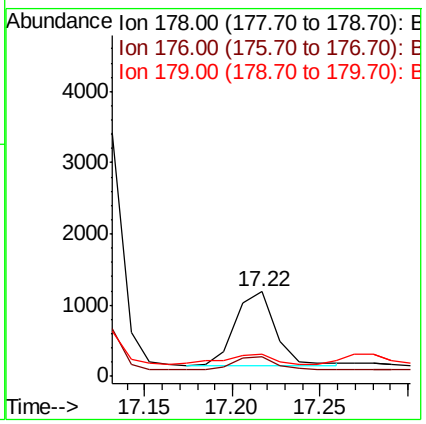


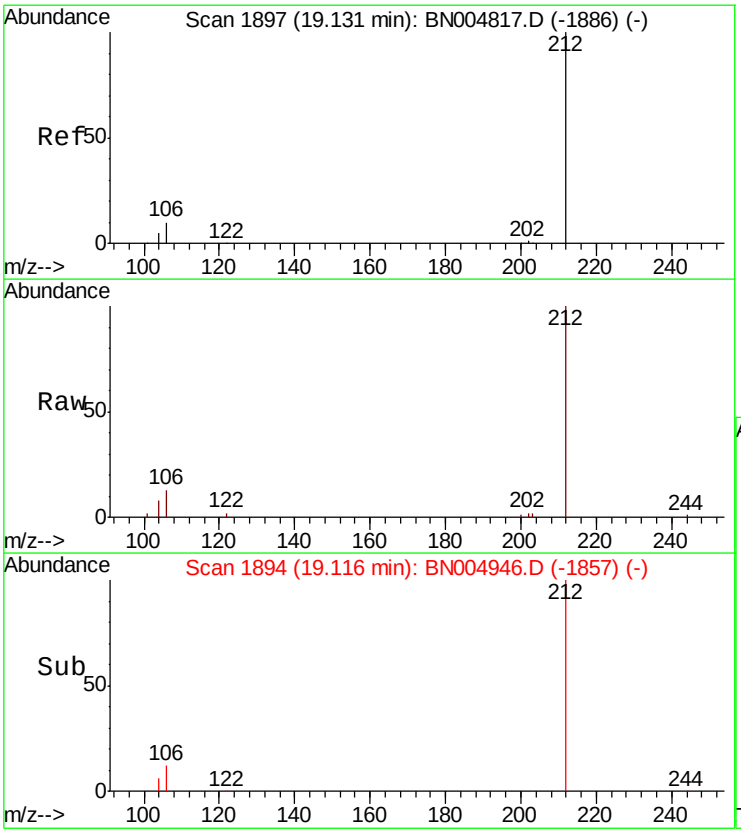
#24
Anthracene
Concen: 0.038 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:178 Resp: 1635

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	17.9	12.2	18.4

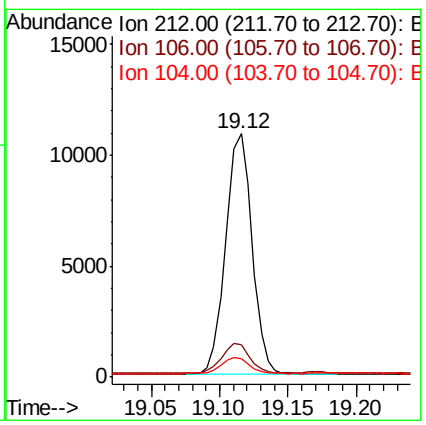


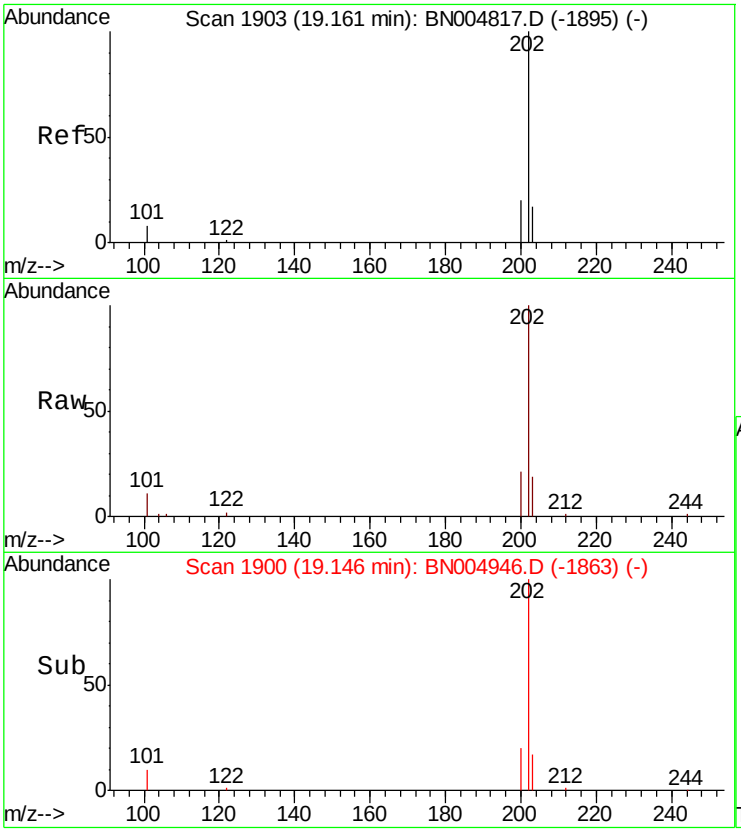


#25
Fluoranthene-d10
Concen: 0.292 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:212 Resp: 14598

Ion	Ratio	Lower	Upper
212	100		
106	12.4	8.6	13.0
104	7.4	4.7	7.1#



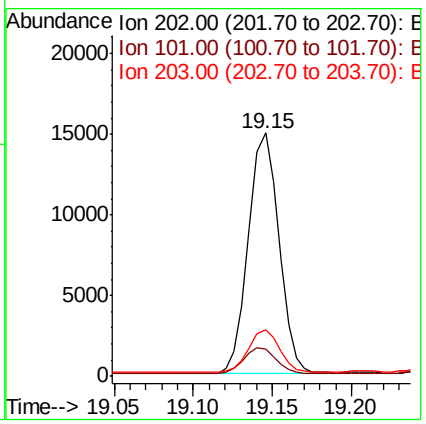


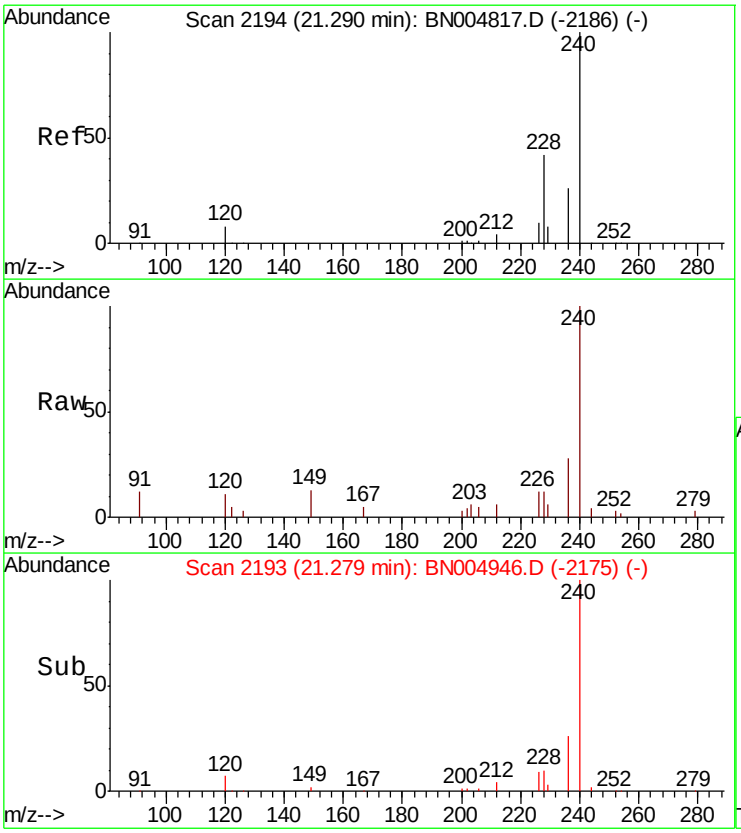
#26
Fluoranthene
Concen: 0.324 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:202 Resp: 20075

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

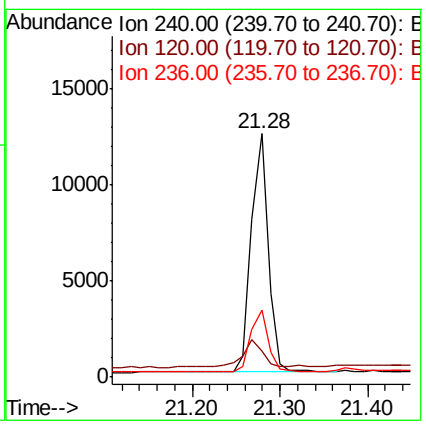


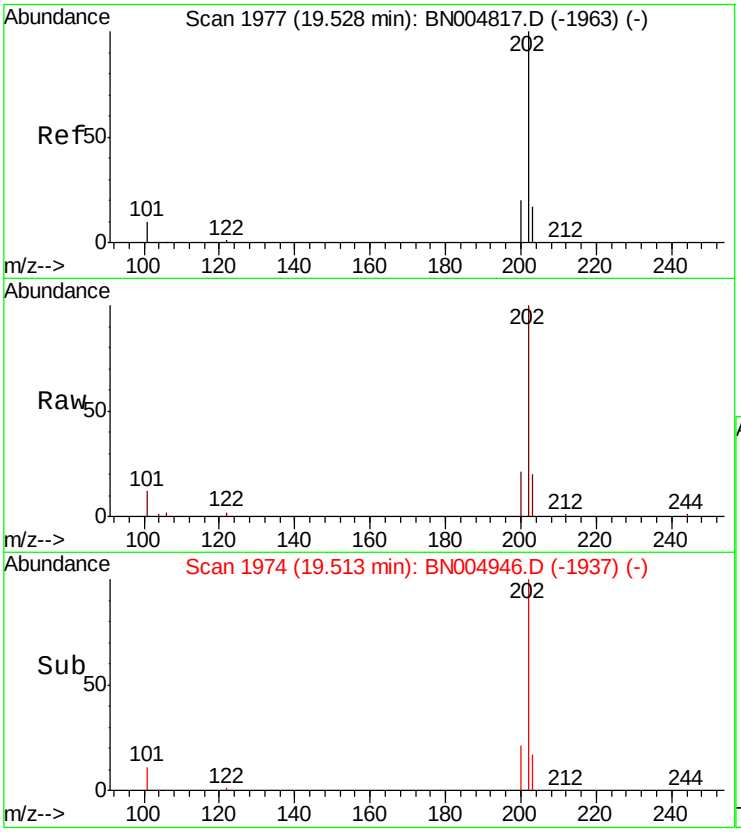


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:240 Resp: 16709

Ion	Ratio	Lower	Upper
240	100		
120	10.7	7.2	10.8
236	27.6	20.9	31.3



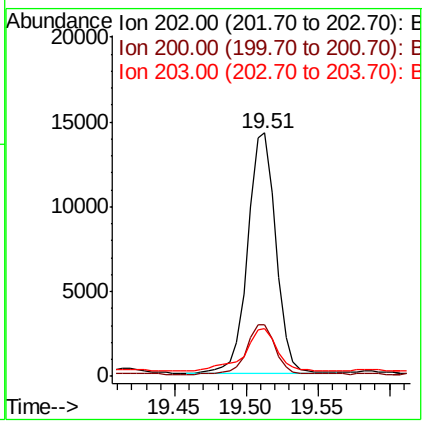


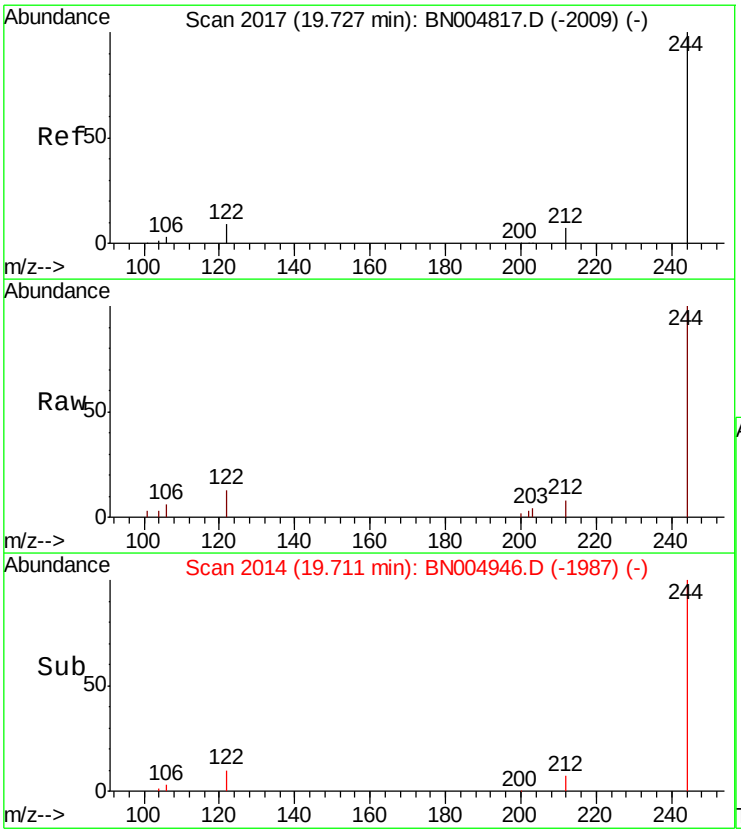
#28
Pyrene
Concen: 0.380 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:202 Resp: 19380

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.3	24.5
203	20.5	14.0	21.0

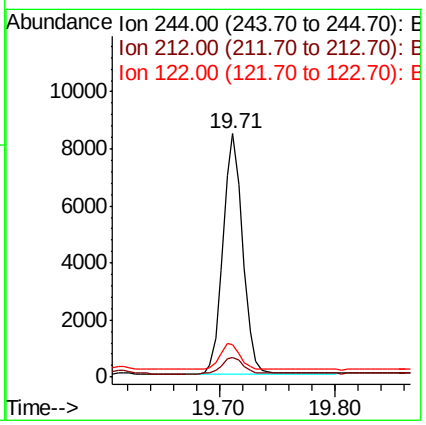


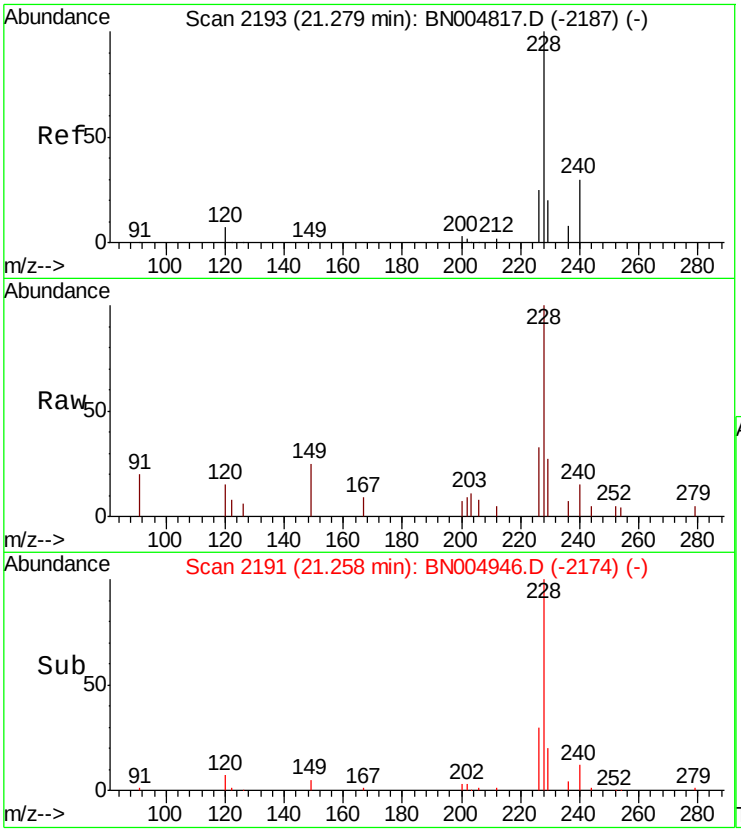


#29
Terphenyl-d14
Concen: 0.290 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:244 Resp: 9917

Ion	Ratio	Lower	Upper
244	100		
212	8.3	5.8	8.6
122	13.2	7.9	11.9#



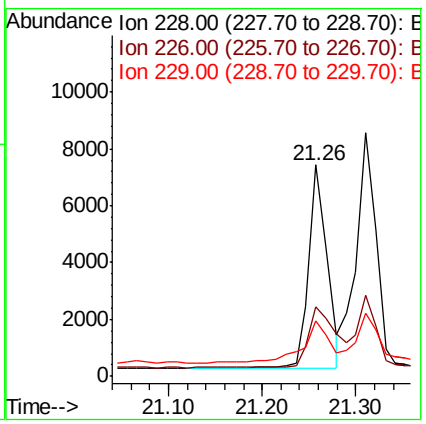


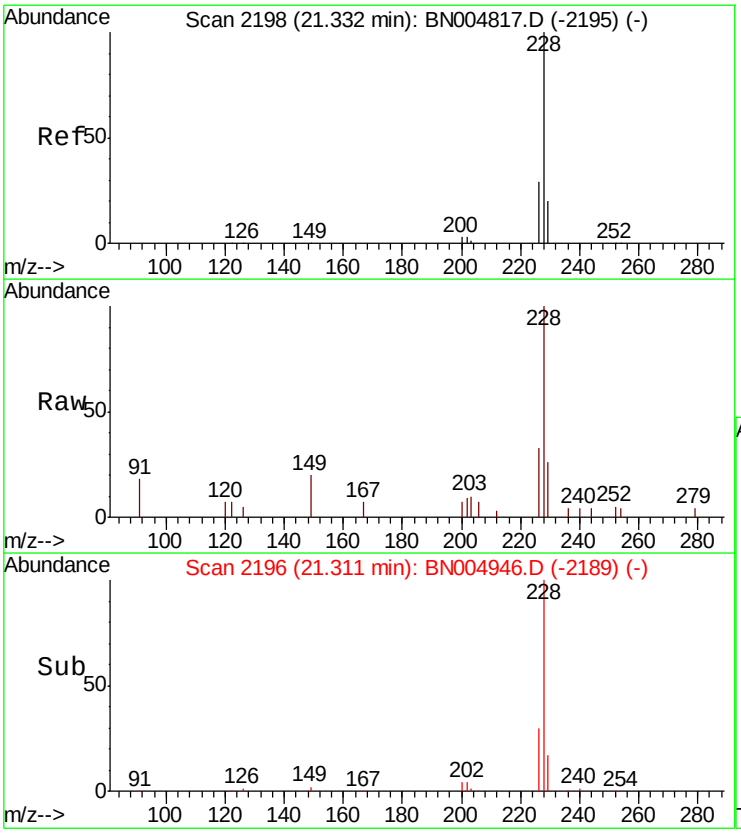
#30
Benzo(a)anthracene
Concen: 0.178 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:228 Resp: 9770

Ion	Ratio	Lower	Upper
228	100		
226	32.8	20.6	31.0#
229	26.5	16.2	24.4#

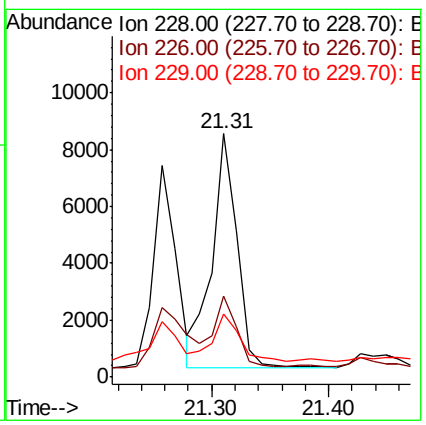


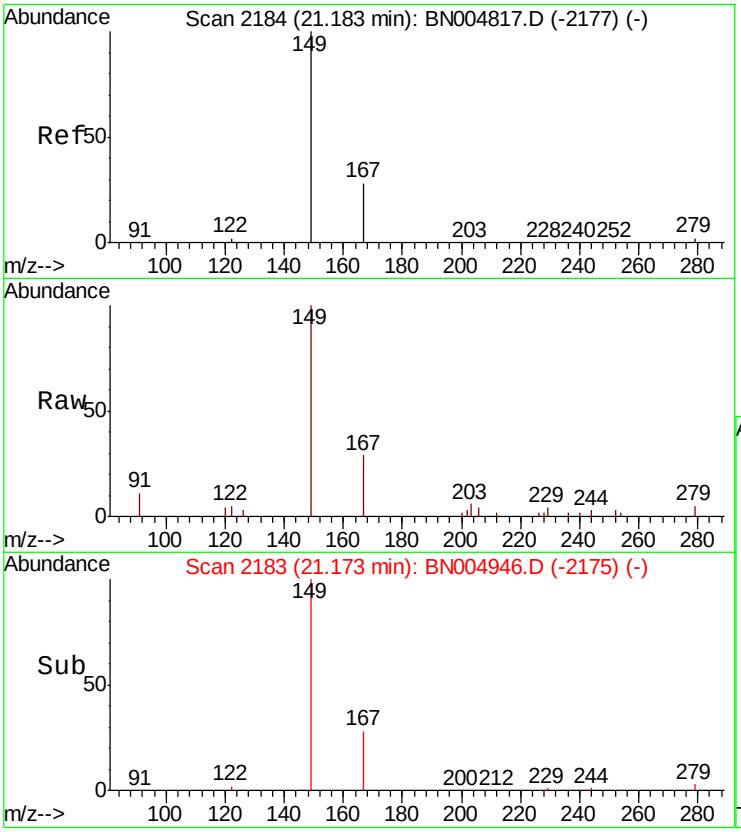


#31
Chrysene
Concen: 0.212 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:228 Resp: 12220

Ion	Ratio	Lower	Upper
228	100		
226	33.0	23.0	34.6
229	26.1	16.2	24.2#



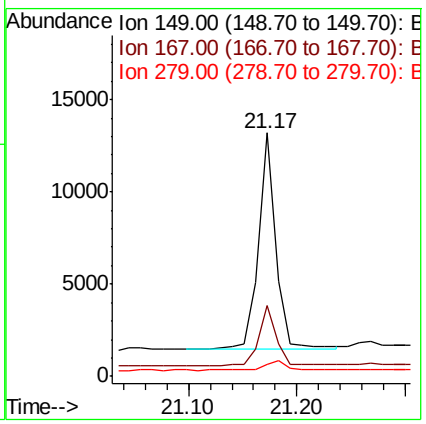


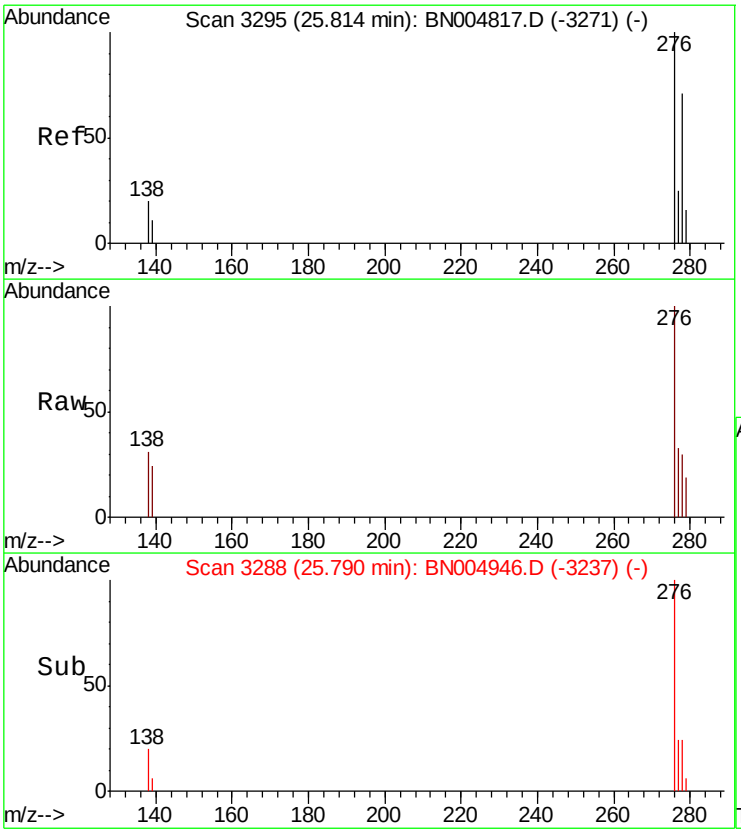
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.598 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:149 Resp: 13101

Ion	Ratio	Lower	Upper
149	100		
167	28.3	23.0	34.4
279	5.7	4.6	6.8

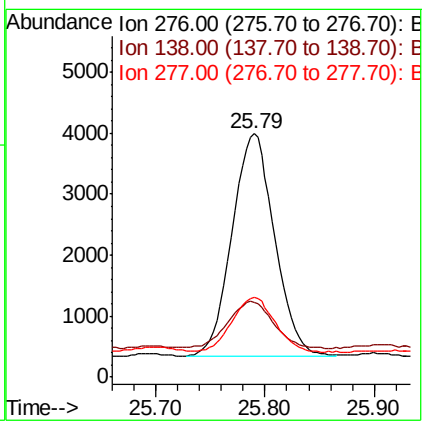


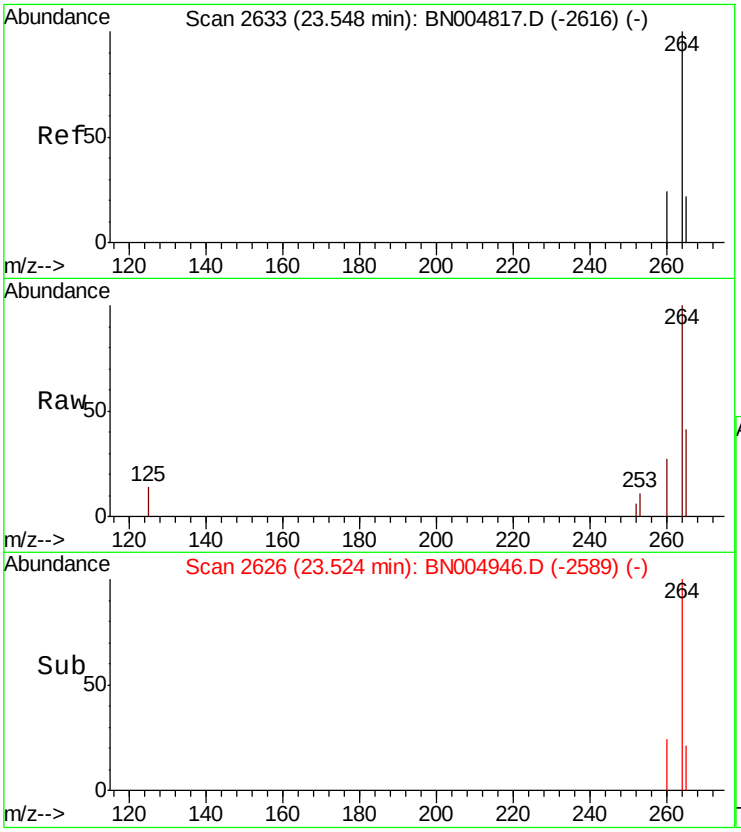


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.118 ng
RT: 25.79 min Scan# 3288
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:276 Resp: 9869

Ion	Ratio	Lower	Upper
276	100		
138	22.6	16.6	24.8
277	25.3	20.3	30.5



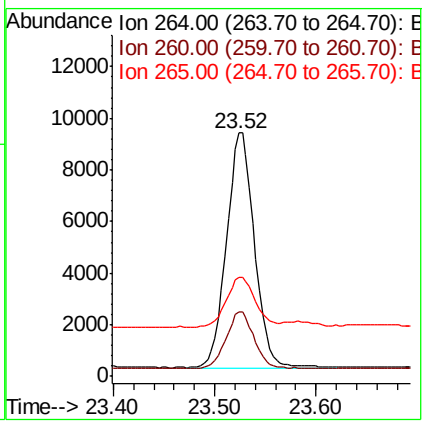


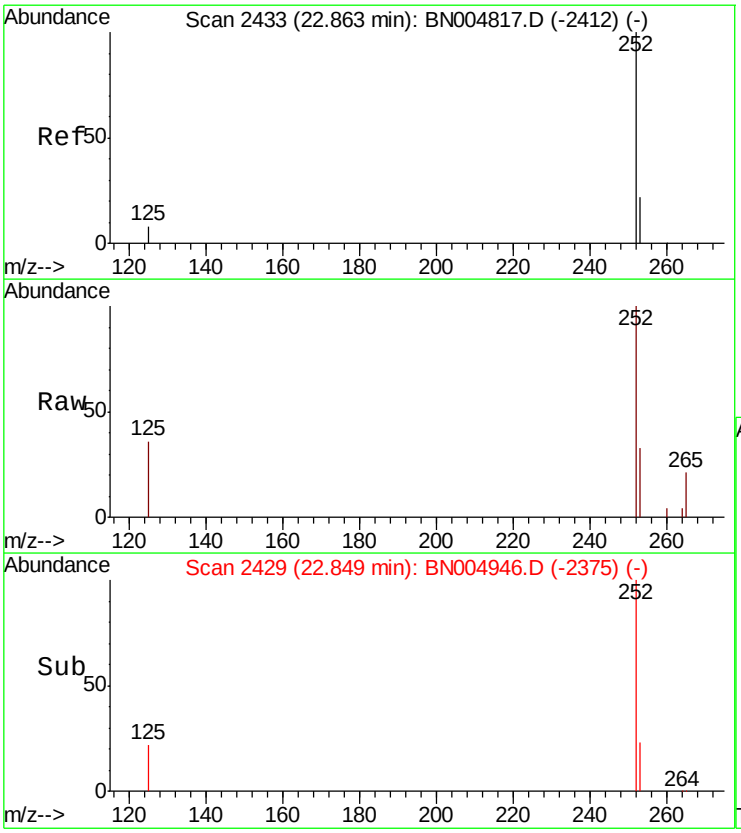
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:264 Resp: 17444

Ion	Ratio	Lower	Upper
264	100		
260	26.7	19.5	29.3
265	40.5	23.1	34.7#

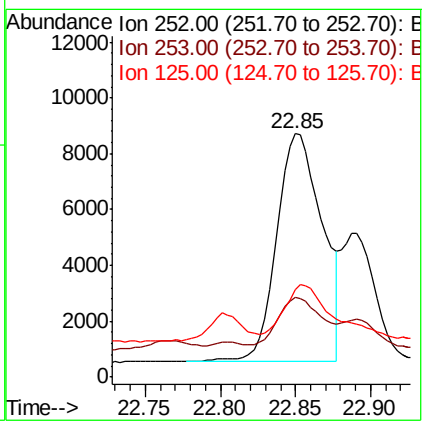


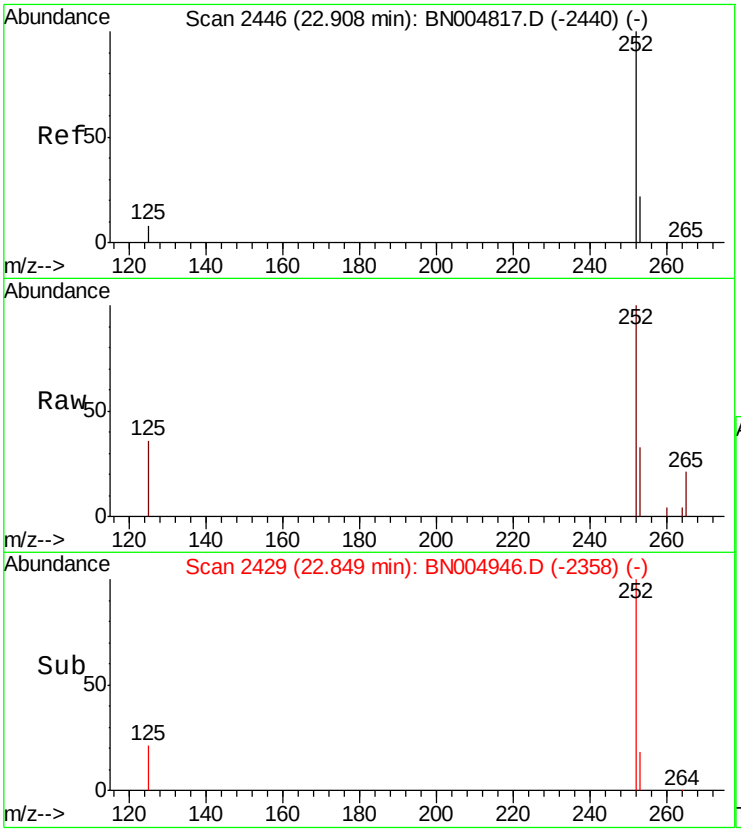


#35
Benzo(b)fluoranthene
Concen: 0.273 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:252 Resp: 17255

Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.0	28.4#
125	35.8	7.4	11.2#



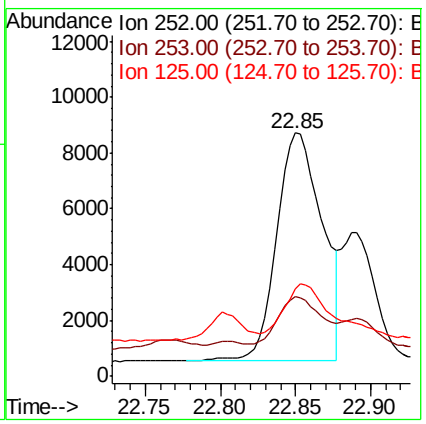


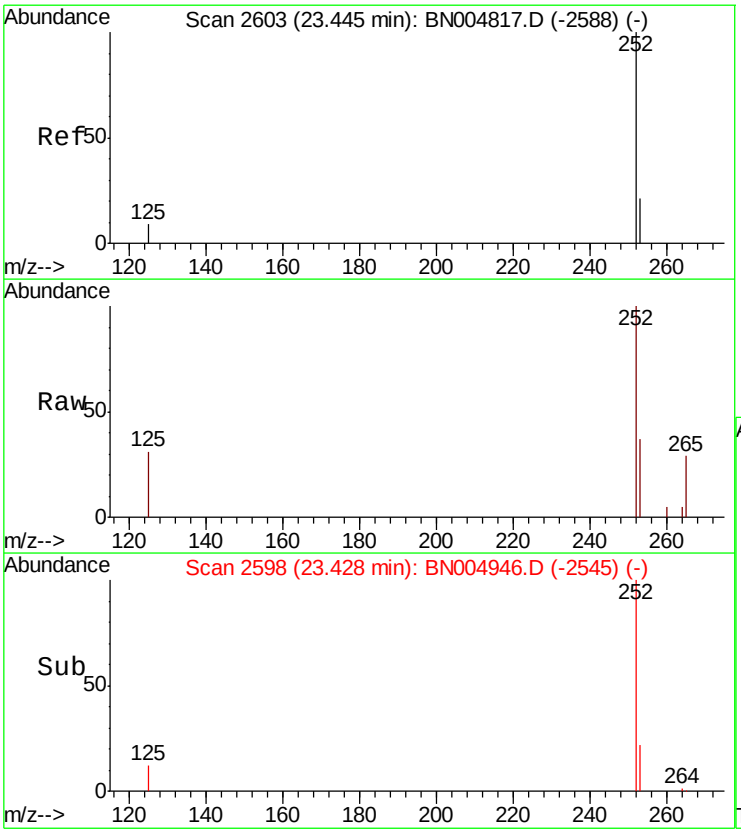
#36
Benzo(k)fluoranthene
Concen: 0.278 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.06 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:252 Resp: 17255

Ion	Ratio	Lower	Upper
252	100		
253	32.5	19.3	28.9#
125	35.8	7.4	11.0#

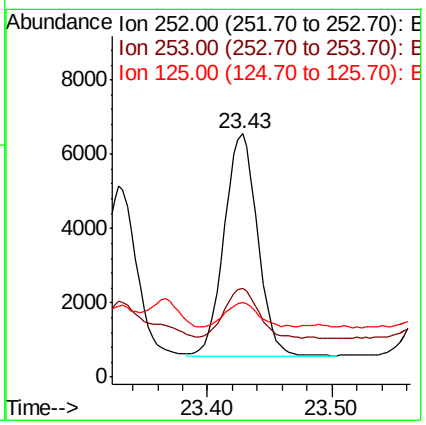


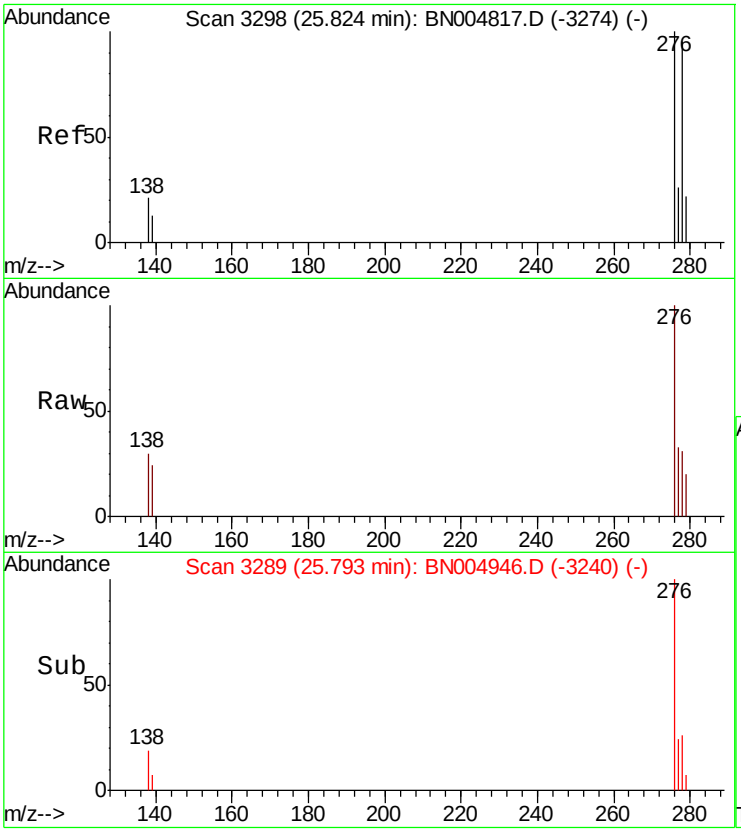


#37
Benzo(a)pyrene
Concen: 0.192 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:252 Resp: 11116

Ion	Ratio	Lower	Upper
252	100		
253	36.6	19.7	29.5#
125	30.8	8.3	12.5#



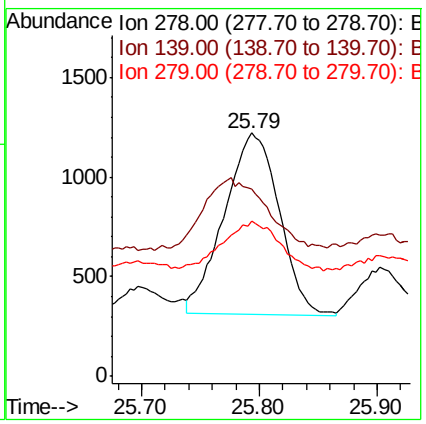


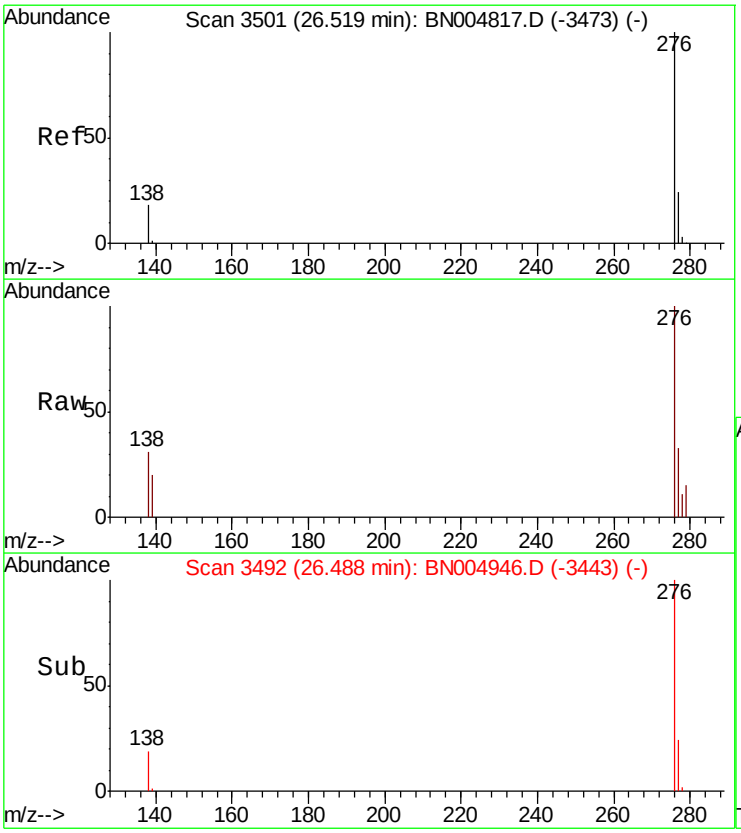
#38
Dibenzo(a,h)anthracene
Concen: 0.044 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.03 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Instrument :
BNA_N
ClientSampleId :
PST-073-B158-031919

Tgt Ion:278 Resp: 2947

Ion	Ratio	Lower	Upper
278	100		
139	77.1	11.7	17.5#
279	63.6	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.143 ng
RT: 26.49 min Scan# 3492
Delta R.T. -0.03 min
Lab File: BN004946.D
Acq: 24 Mar 2019 19:22

Tgt Ion:276 Resp: 9767

Ion	Ratio	Lower	Upper
276	100		
277	33.3	19.7	29.5#
138	31.0	14.6	22.0#