Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032119\
Data File : BN004887.D
Acq On : 22 Mar 2019 13:38
Operator : JU/SJ
Sample : K1817-12
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-028-B103-030619

Quant Time: Mar 22 22:19:04 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	7.70	152	2136	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	10094	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	6297	0.40	ng		-0.01
19) Phenanthrene-d10	17.09	188	15704	0.40	ng		0.00
27) Chrysene-d12	21.29	240	20396	0.40	ng		0.00
34) Perylene-d12	23.54	264	21178	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.29	112	2059	0.35	ng		0.00
5) Phenol-d6	6.87	99	2692	0.37	ng		0.00
8) Nitrobenzene-d5	8.87	82	1983	0.30	ng		0.00
11) 2-Methylnaphthalene-d10	12.07	152	5078	0.29	ng		0.00
14) 2,4,6-Tribromophenol	15.84	330	1155	0.27	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	7713	0.30	ng		-0.01
25) Fluoranthene-d10	19.13	212	14047	0.27	ng		0.00
29) Terphenyl-d14	19.72	244	10942	0.26	ng		0.00
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.56	42	54	0.038	ng	#	1
16) Acenaphthylene	14.07	152	2520	0.078	ng		99
23) Phenanthrene	17.13	178	9605	0.189	ng		99
24) Anthracene	17.23	178	1918	0.042	ng	#	91
26) Fluoranthene	19.16	202	33045	0.507	ng		99
28) Pyrene	19.52	202	32146	0.517	ng	#	96
30) Benzo(a)anthracene	21.27	228	19307	0.289	ng		96
31) Chrysene	21.32	228	19825	0.281	ng		96
32) Bis(2-ethylhexyl)phthalate	21.18	149	2793	0.105	ng		97
33) Indeno(1,2,3-cd)pyrene	25.81	276	14505	0.142	ng		98
35) Benzo(b)fluoranthene	22.87	252	29555	0.386	ng	#	95
36) Benzo(k)fluoranthene	22.87	252	29555	0.392	ng	#	95
37) Benzo(a)pyrene	23.45	252	18802	0.268	ng	#	95
38) Dibenzo(a,h)anthracene	25.82	278	3911	0.048	ng	#	64
39) Benzo(g,h,i)perylene	26.51	276	14294	0.172	ng		97

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

Quantitation Report (Not Reviewed)

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PST-028-B103-030619

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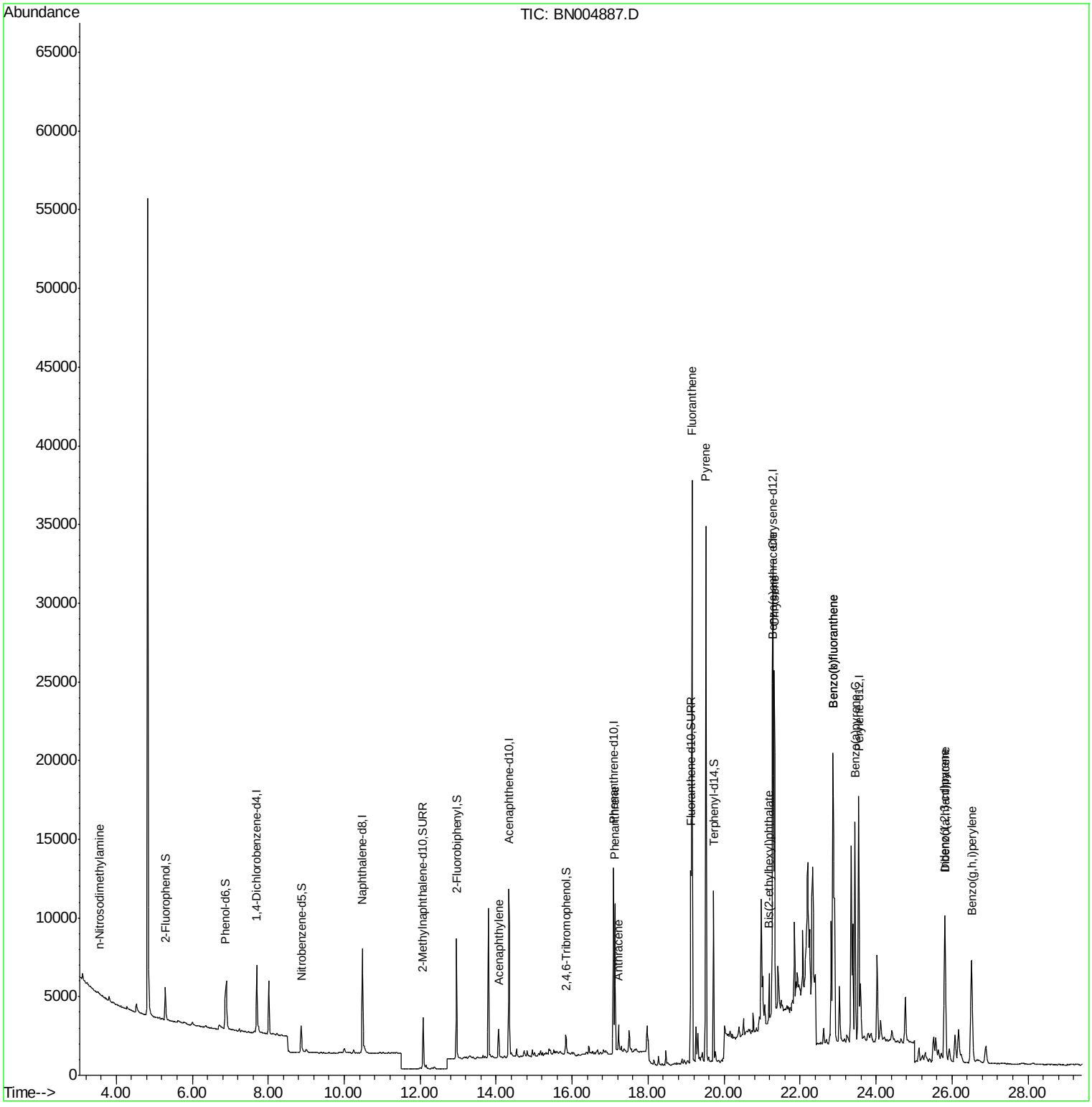
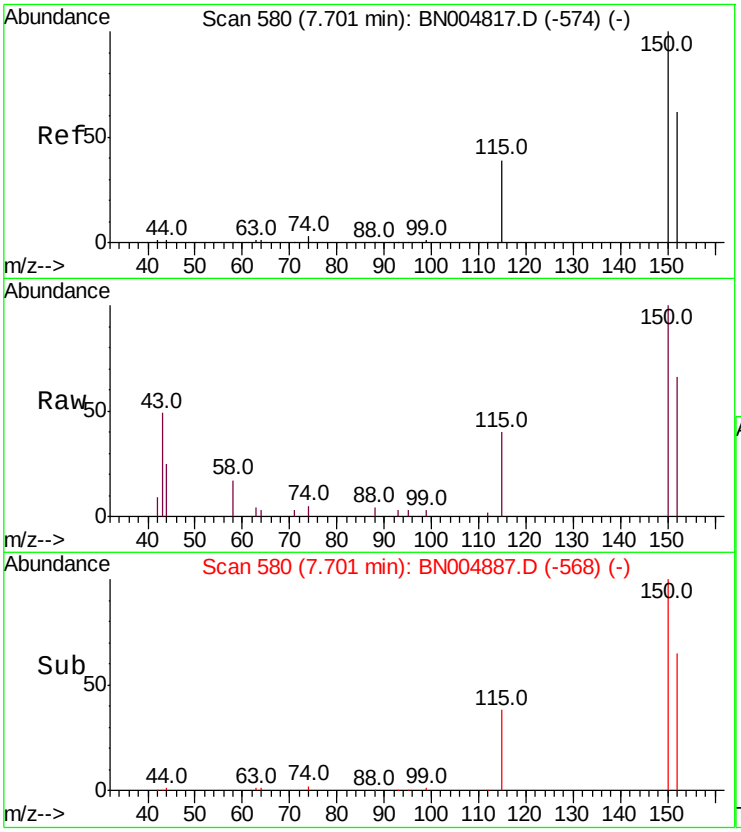
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 20 16:06:20 2019
Response via : Initial Calibration



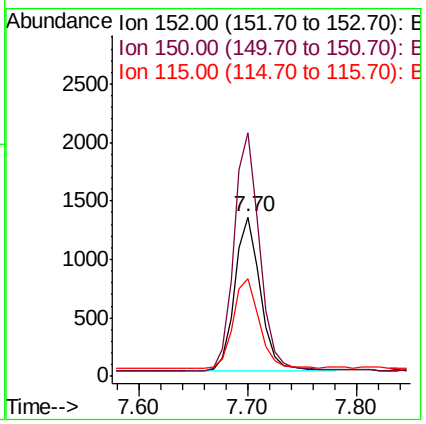


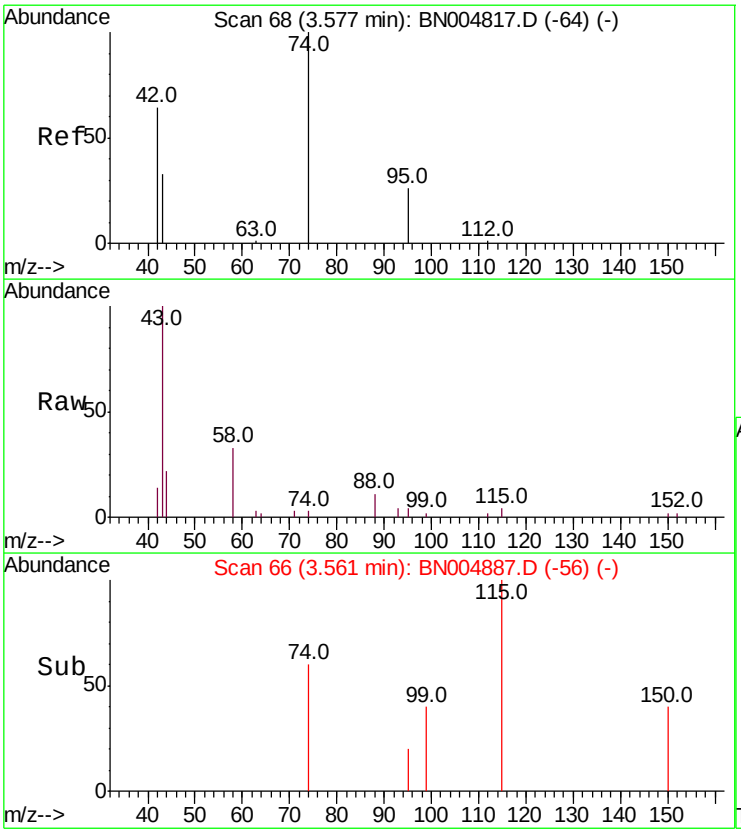
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.70 min Scan# 580
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:152 Resp: 2136

Ion	Ratio	Lower	Upper
152	100		
150	152.5	126.2	189.4
115	61.3	52.6	79.0

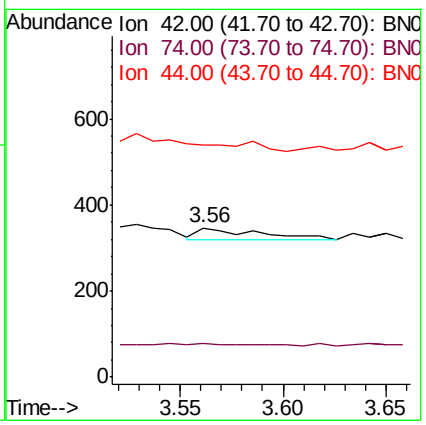


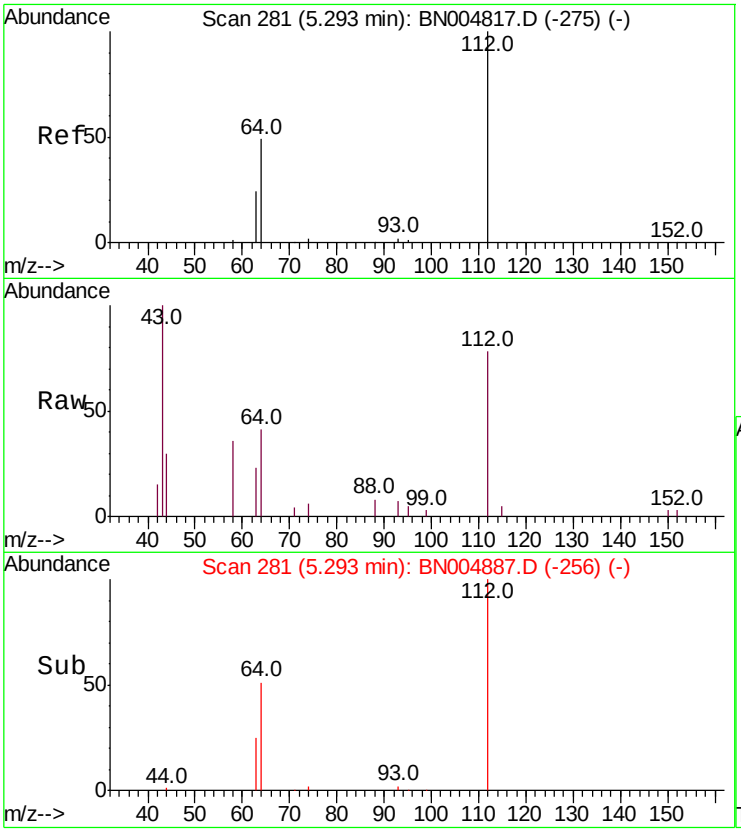


#3
n-Nitrosodimethylamine
Concen: 0.038 ng
RT: 3.56 min Scan# 66
Delta R.T. -0.02 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion: 42 Resp: 54

Ion	Ratio	Lower	Upper
42	100		
74	20.4	128.4	192.6#
44	0.0	6.1	9.1#



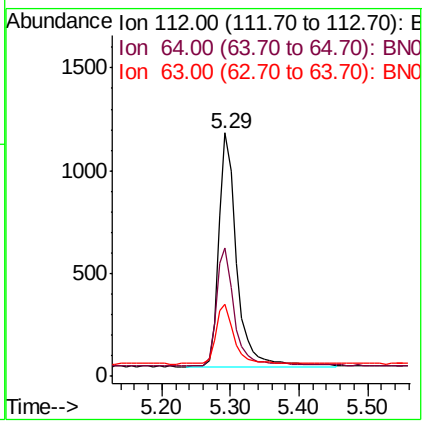


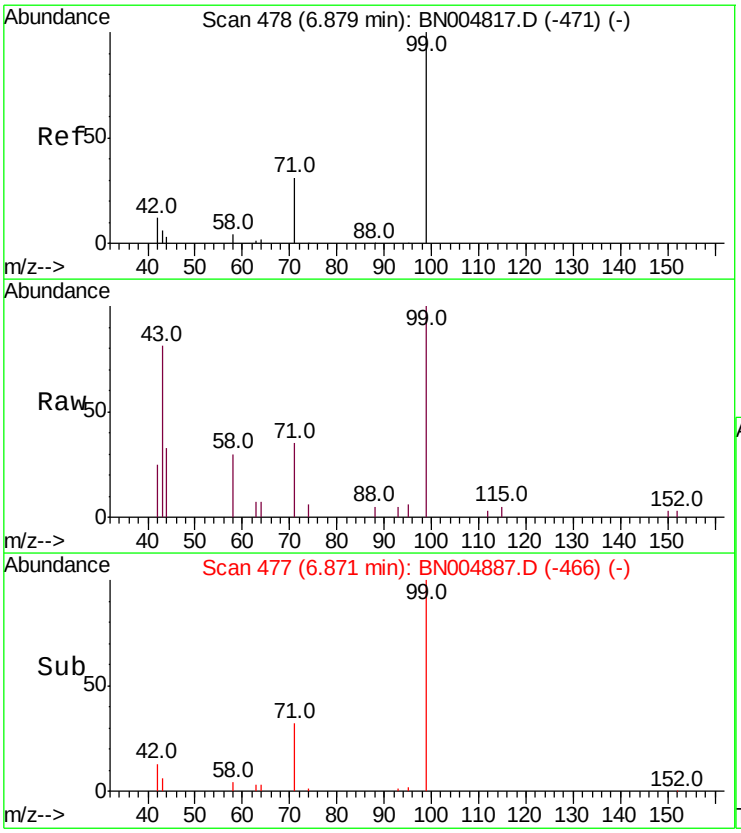
#4
2-Fluorophenol
Concen: 0.355 ng
RT: 5.29 min Scan# 281
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:112 Resp: 2059

Ion	Ratio	Lower	Upper
112	100		
64	51.8	40.0	60.0
63	25.8	20.2	30.2

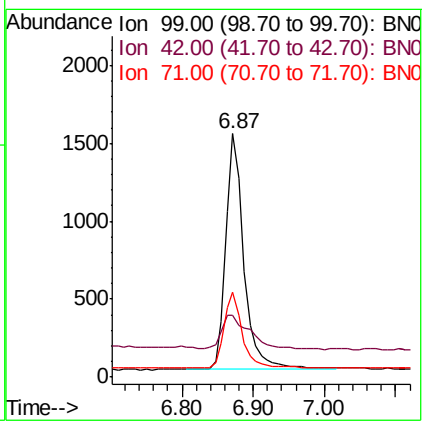


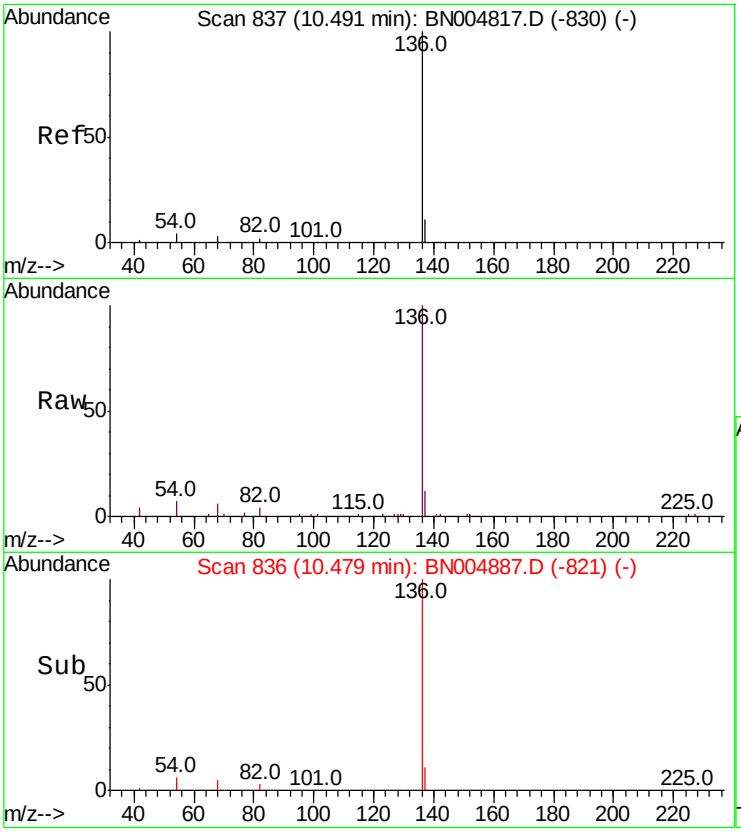


#5
Phenol-d6
Concen: 0.372 ng
RT: 6.87 min Scan# 477
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion: 99 Resp: 2692

Ion	Ratio	Lower	Upper
99	100		
42	22.7	12.7	19.1#
71	31.9	26.6	40.0



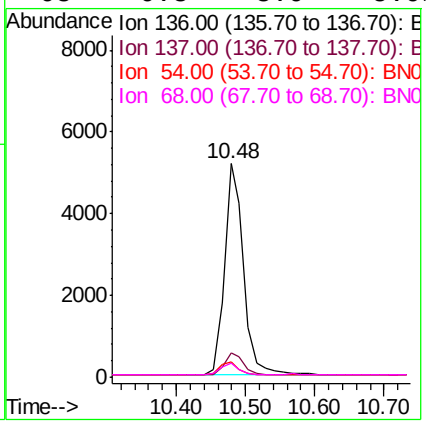


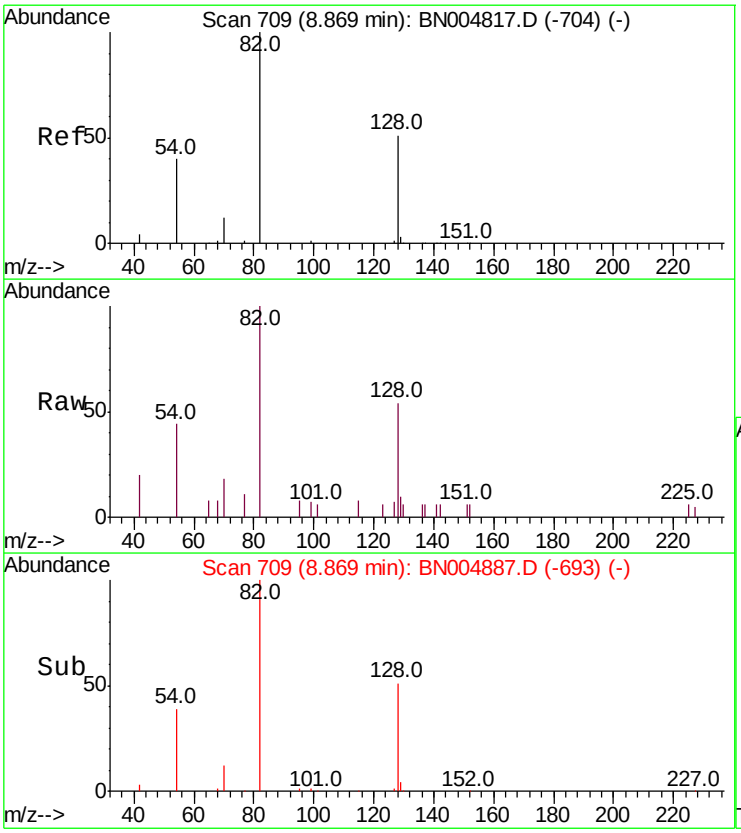
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:136 Resp: 10094

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	7.5	4.2	6.2#
68	6.3	3.9	5.9#

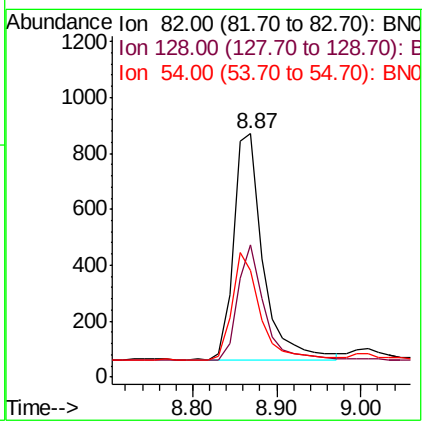


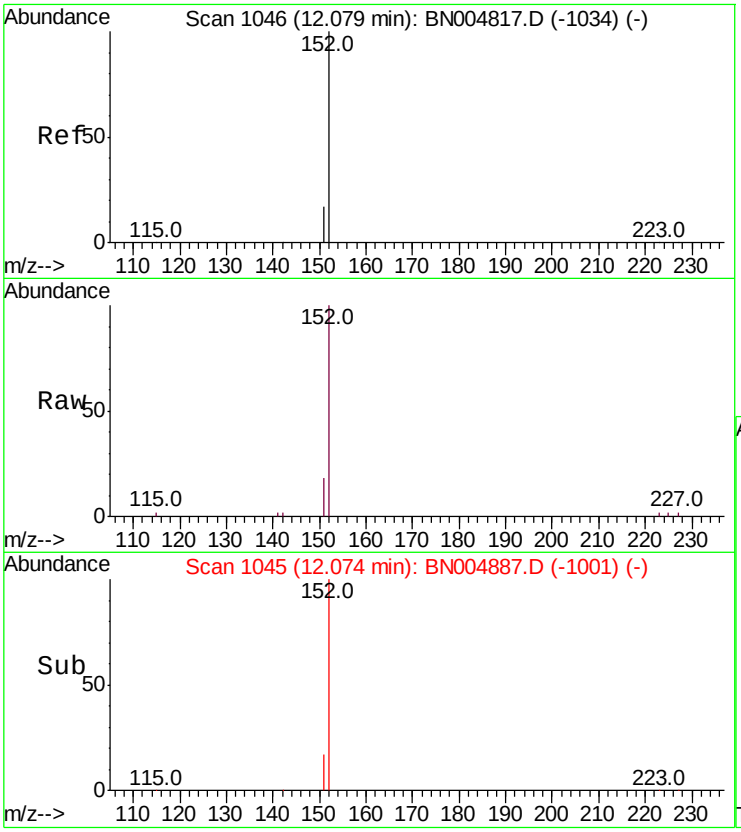


#8
Nitrobenzene-d5
Concen: 0.297 ng
RT: 8.87 min Scan# 709
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion: 82 Resp: 1983

Ion	Ratio	Lower	Upper
82	100		
128	54.4	43.0	64.6
54	44.0	35.3	52.9



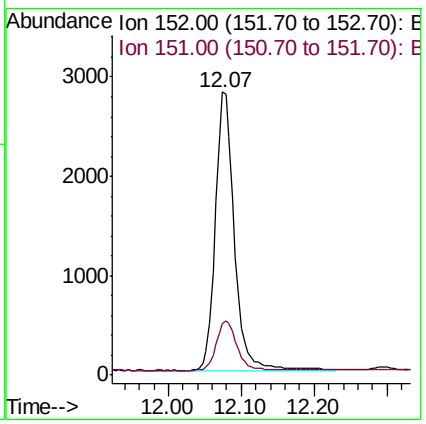


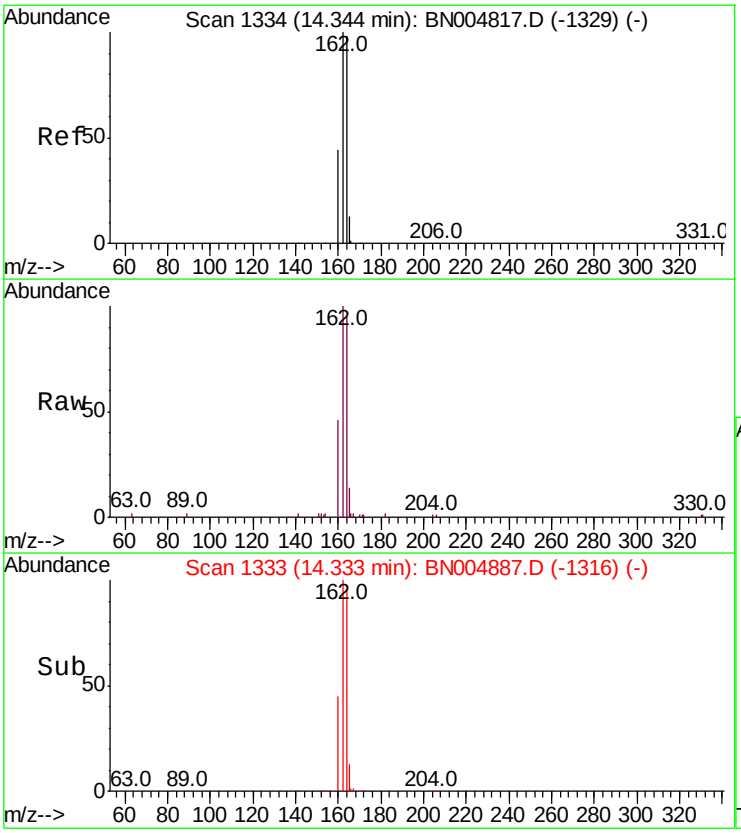
#11
2-Methylnaphthalene-d10
Concen: 0.288 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:152 Resp: 5078

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3

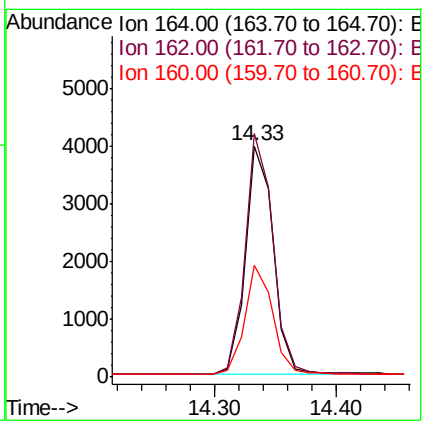


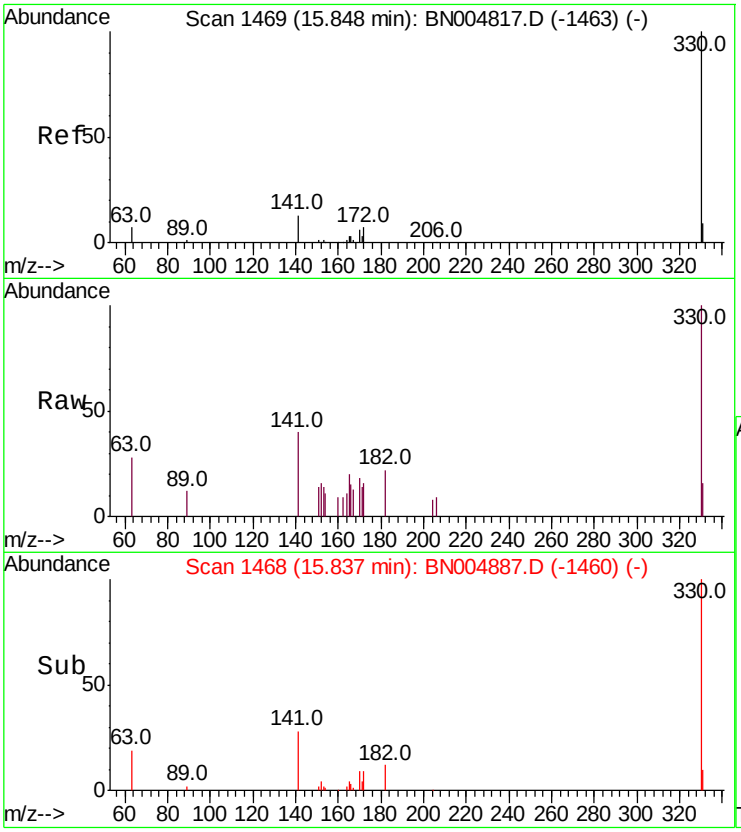


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:164 Resp: 6297

Ion	Ratio	Lower	Upper
164	100		
162	105.2	81.9	122.9
160	48.3	36.6	54.8



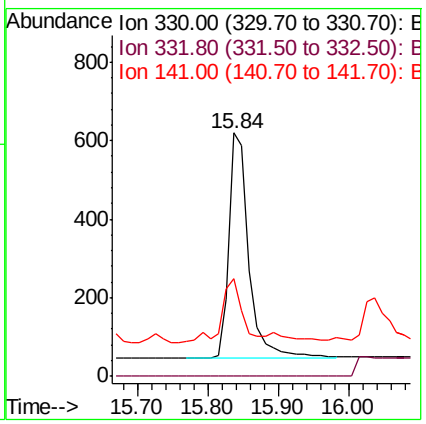


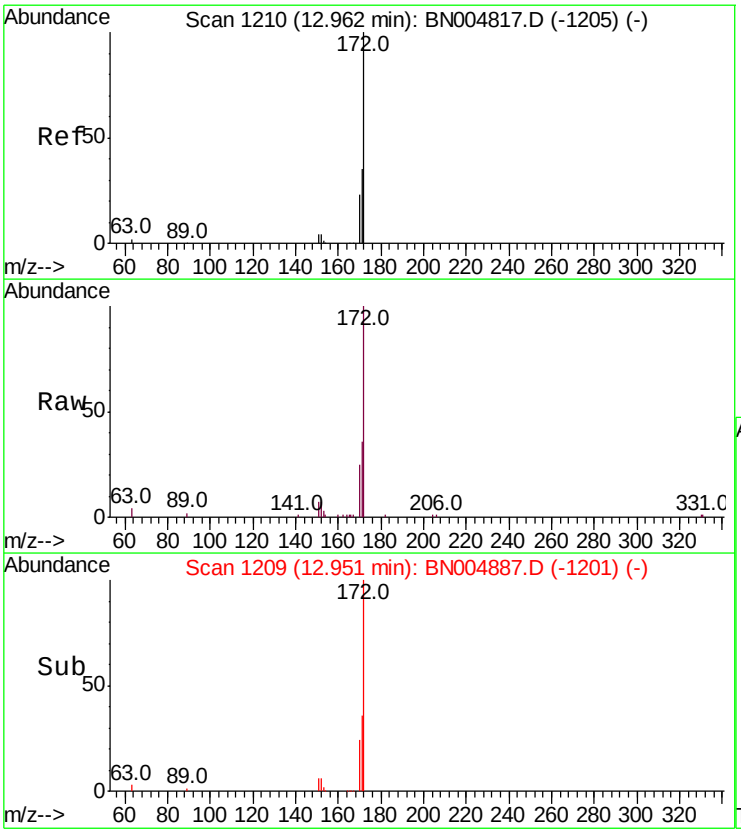
#14
2,4,6-Tribromophenol
Concen: 0.266 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:330 Resp: 1155

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	28.4	20.9	31.3

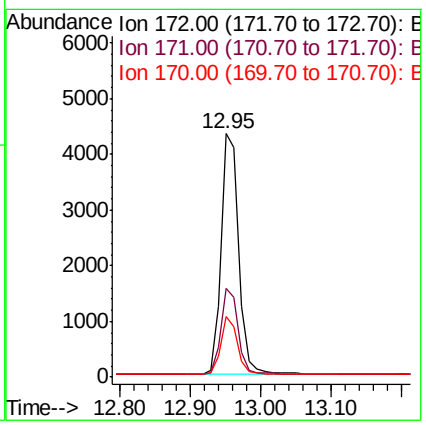


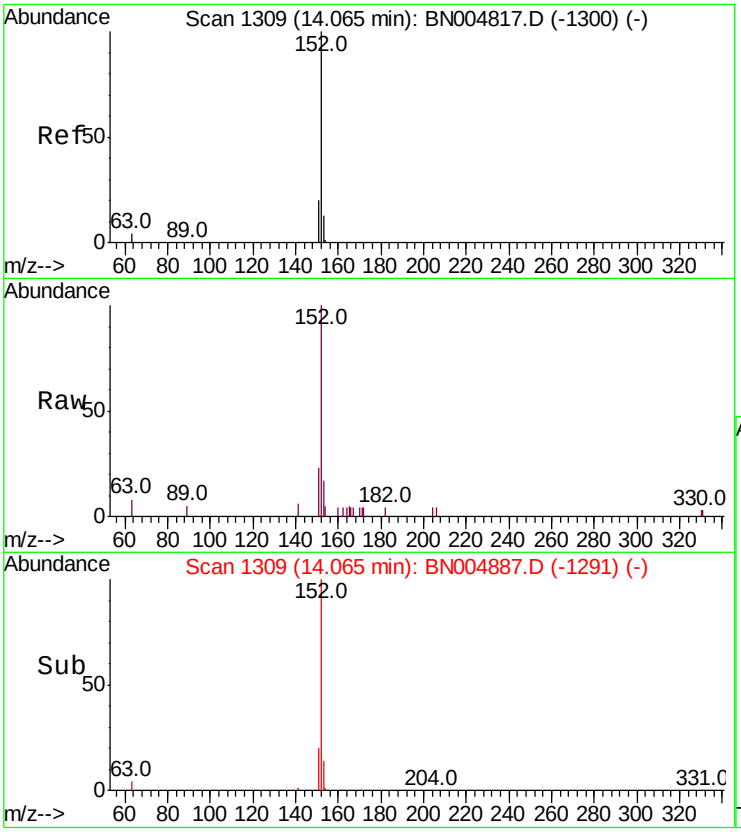


#15
2-Fluorobiphenyl
Concen: 0.296 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:172 Resp: 7713

Ion	Ratio	Lower	Upper
172	100		
171	36.4	28.7	43.1
170	25.0	18.7	28.1



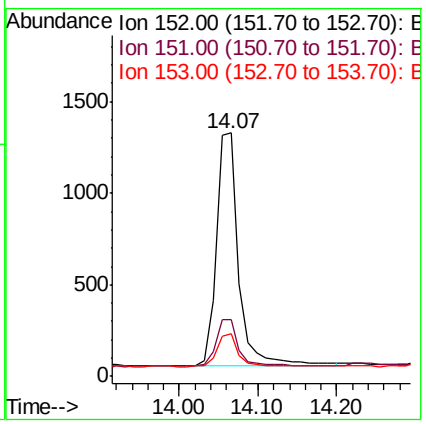


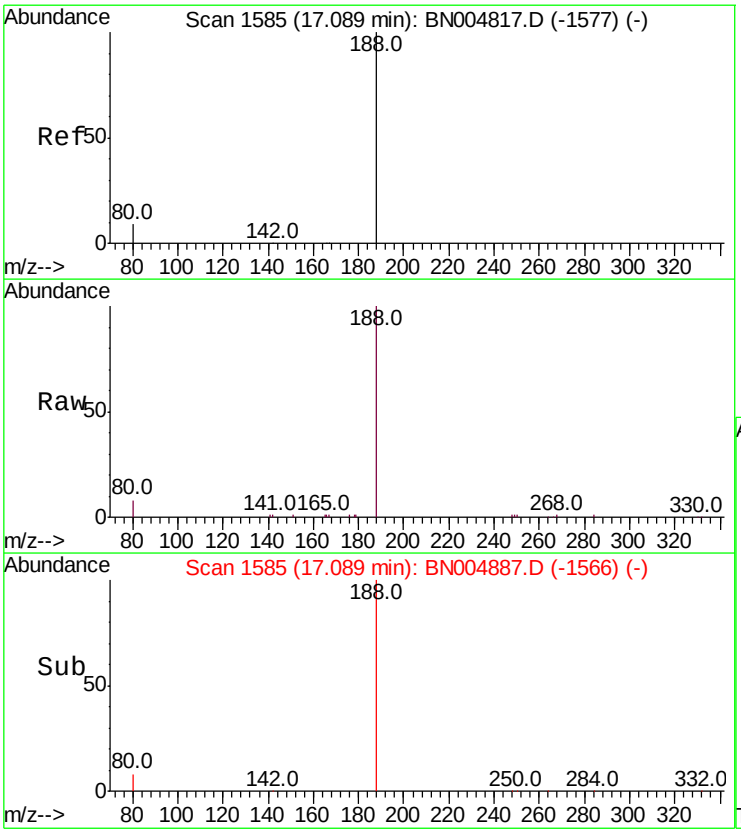
#16
Acenaphthylene
Concen: 0.078 ng
RT: 14.07 min Scan# 1309
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:152 Resp: 2520

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.1	24.1
153	13.9	10.5	15.7

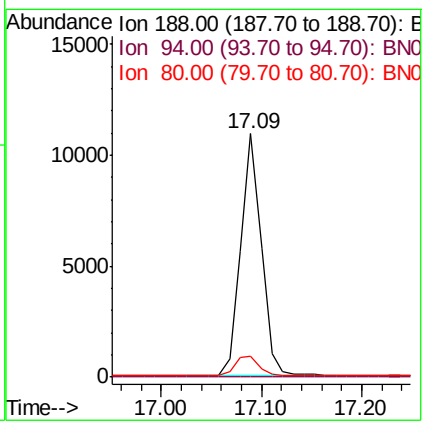


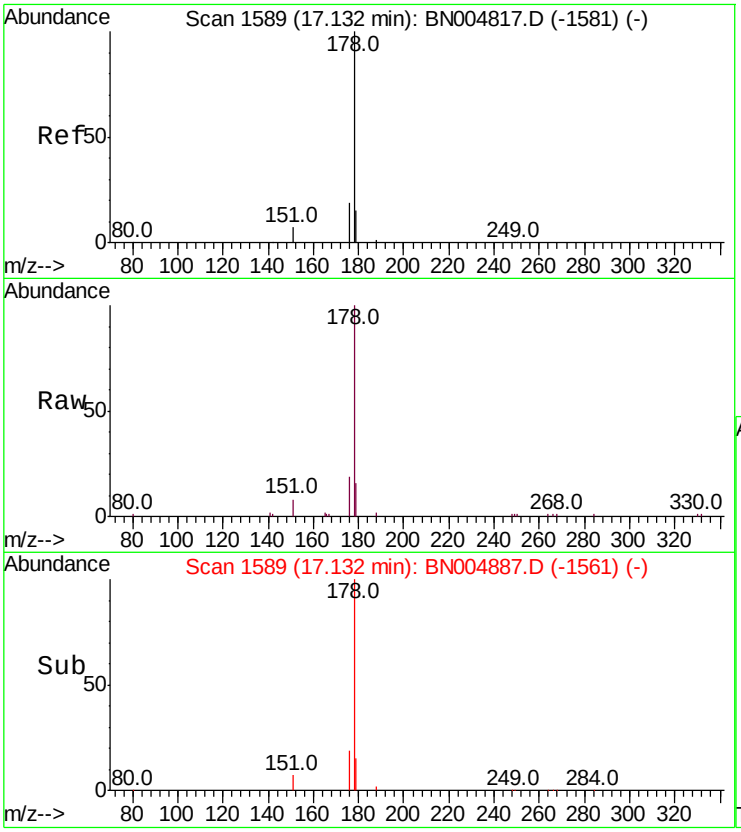


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.09 min Scan# 1585
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:188 Resp: 15704

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.5	7.4	11.2



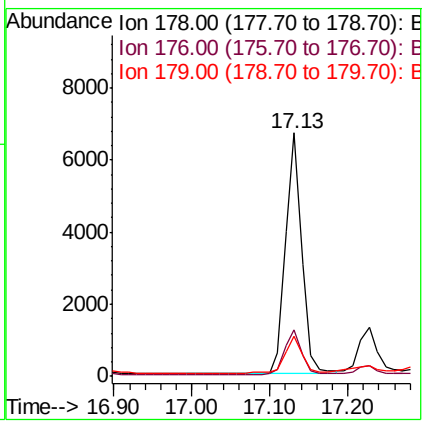


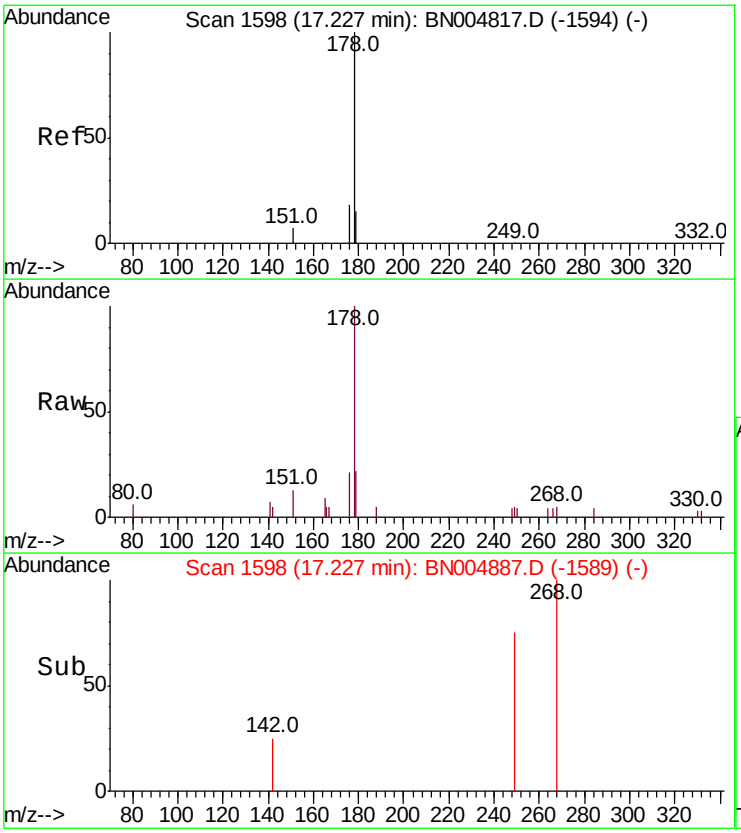
#23
Phenanthrene
Concen: 0.189 ng
RT: 17.13 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:178 Resp: 9605

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.9	22.3
179	15.9	12.1	18.1

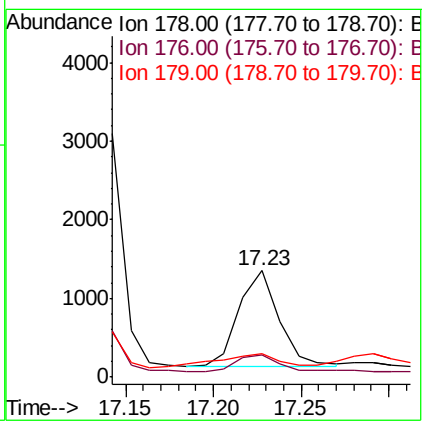


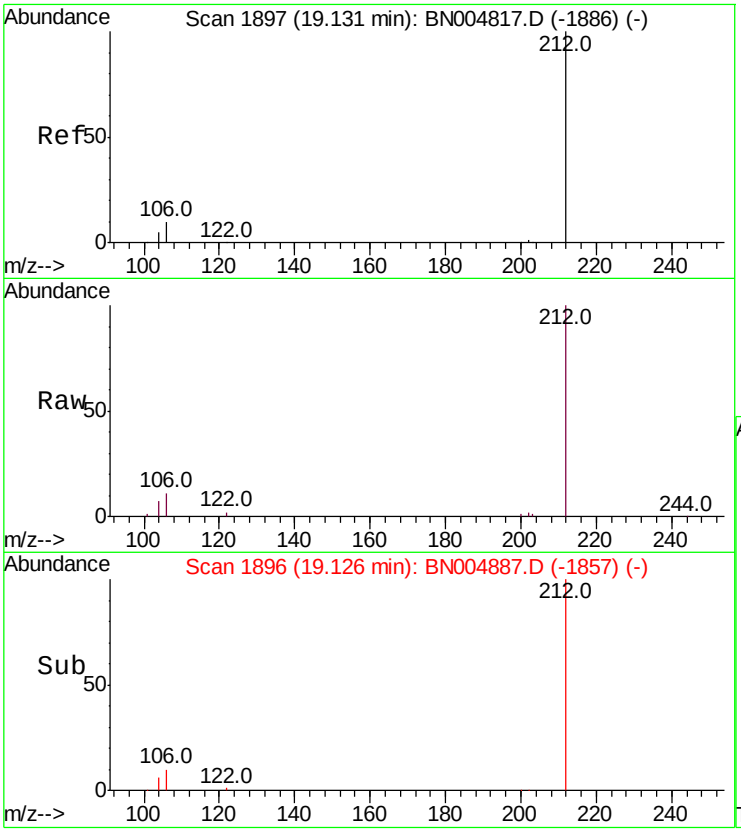


#24
Anthracene
Concen: 0.042 ng
RT: 17.23 min Scan# 1598
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:178 Resp: 1918

Ion	Ratio	Lower	Upper
178	100		
176	18.7	14.5	21.7
179	22.5	12.2	18.4#



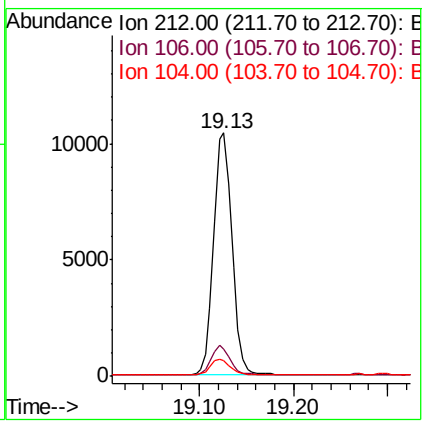


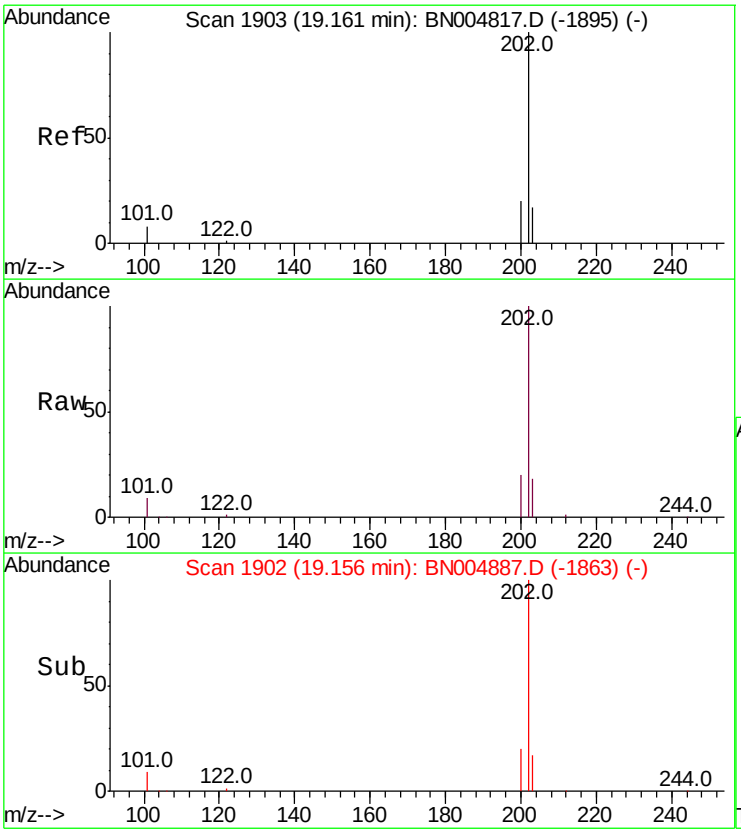
#25
Fluoranthene-d10
Concen: 0.267 ng
RT: 19.13 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:212 Resp: 14047

Ion	Ratio	Lower	Upper
212	100		
106	11.6	8.6	13.0
104	6.4	4.7	7.1

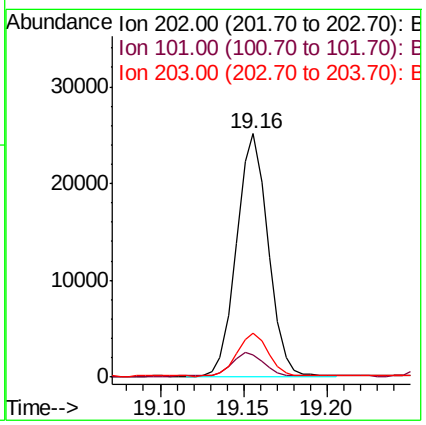


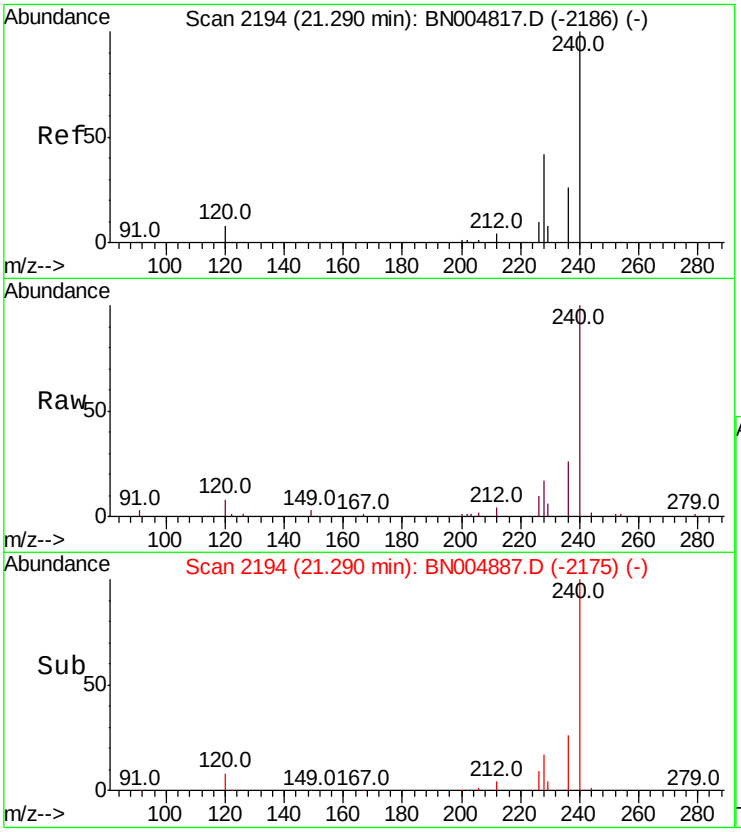


#26
Fluoranthene
Concen: 0.507 ng
RT: 19.16 min Scan# 1902
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:202 Resp: 33045

Ion	Ratio	Lower	Upper
202	100		
101	10.1	7.5	11.3
203	17.4	13.8	20.6



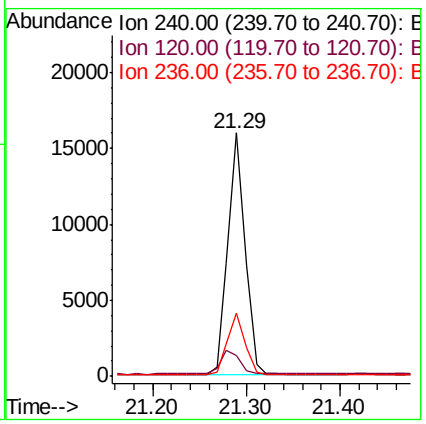


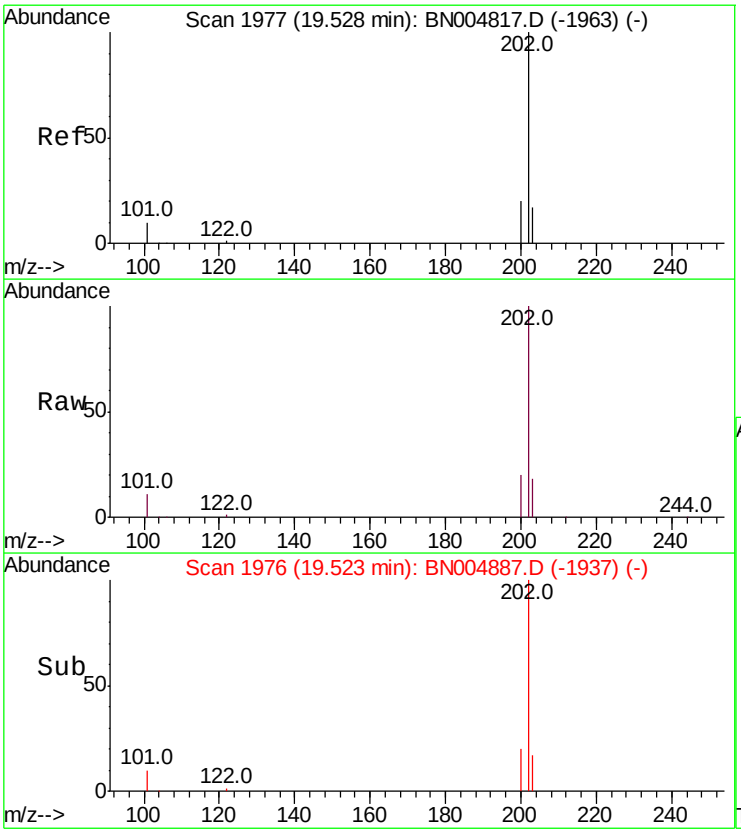
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:240 Resp: 20396

Ion	Ratio	Lower	Upper
240	100		
120	8.4	7.2	10.8
236	26.1	20.9	31.3

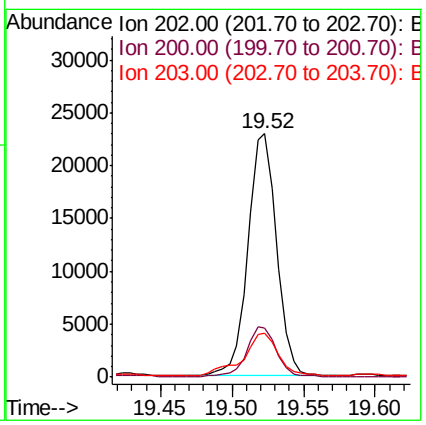


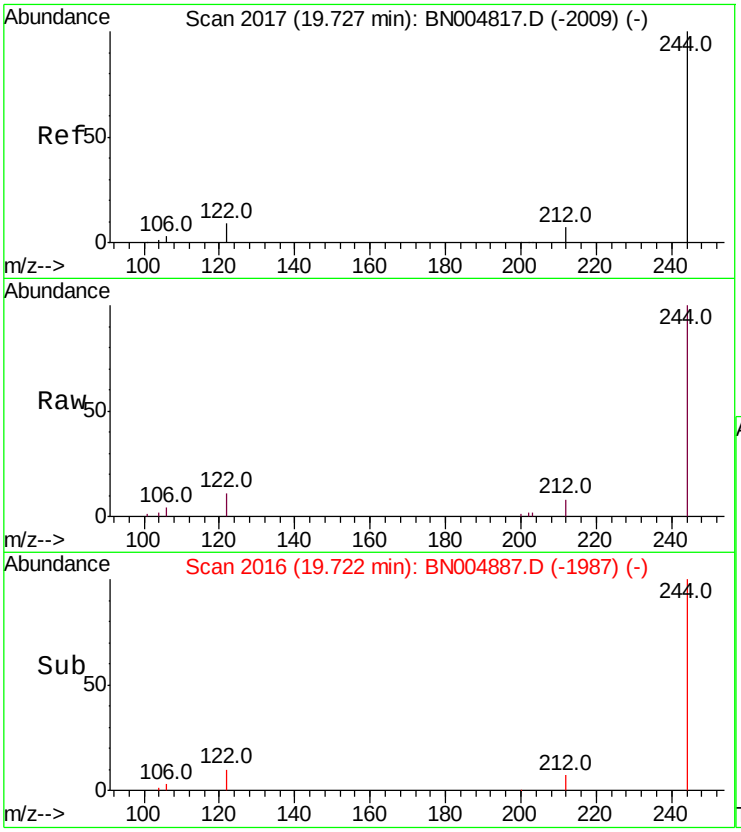


#28
Pyrene
Concen: 0.517 ng
RT: 19.52 min Scan# 1976
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:202 Resp: 32146

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	21.2	14.0	21.0#



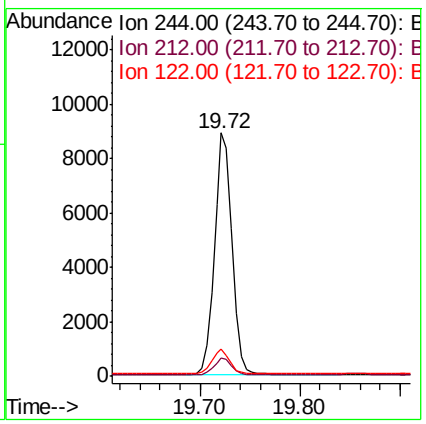


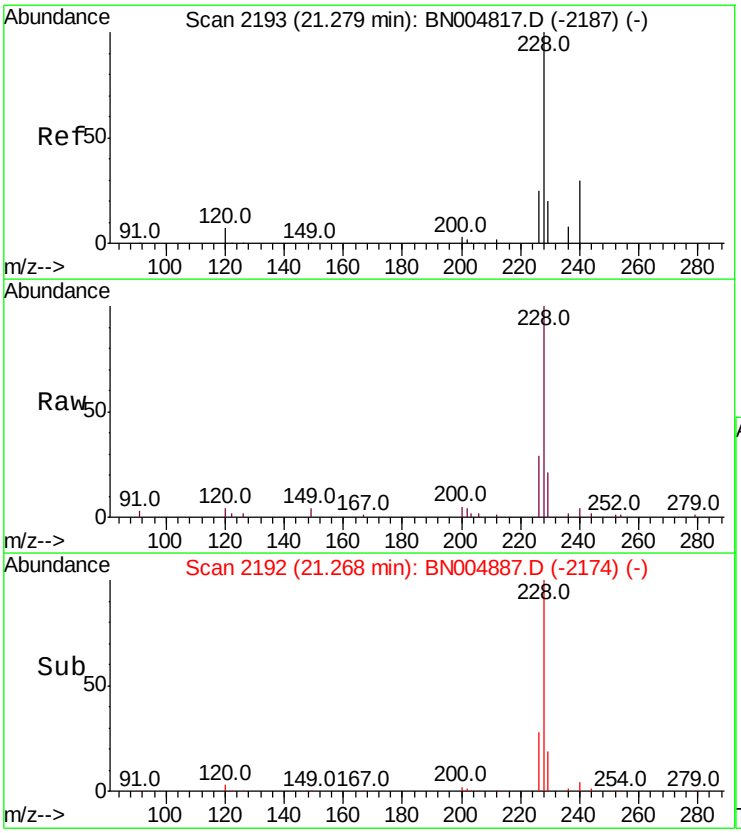
#29
Terphenyl-d14
Concen: 0.262 ng
RT: 19.72 min Scan# 2016
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:244 Resp: 10942

Ion	Ratio	Lower	Upper
244	100		
212	7.7	5.8	8.6
122	11.3	7.9	11.9

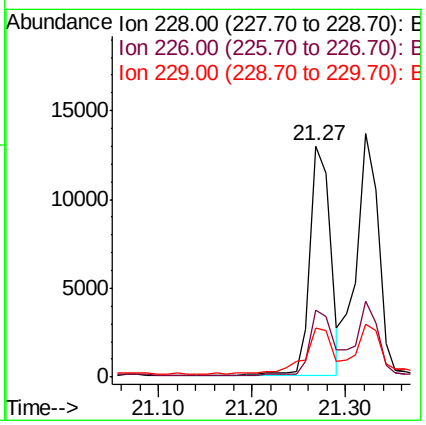


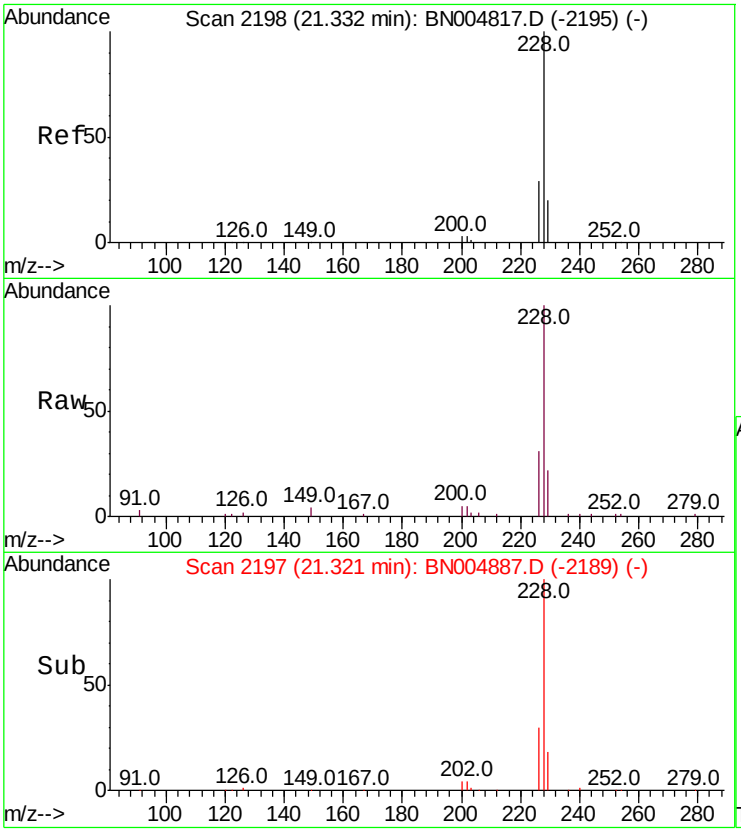


#30
Benzo(a)anthracene
Concen: 0.289 ng
RT: 21.27 min Scan# 2192
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:228 Resp: 19307

Ion	Ratio	Lower	Upper
228	100		
226	28.8	20.6	31.0
229	21.1	16.2	24.4



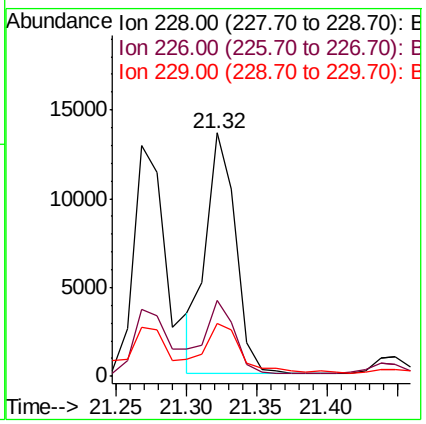


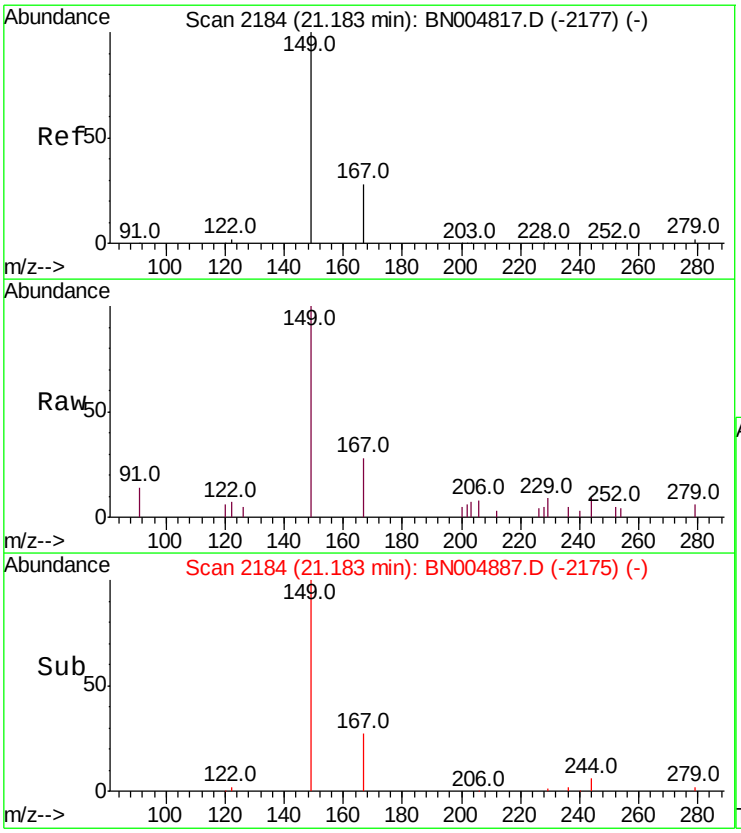
#31
Chrysene
Concen: 0.281 ng
RT: 21.32 min Scan# 2197
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:228 Resp: 19825

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.0	34.6
229	21.7	16.2	24.2

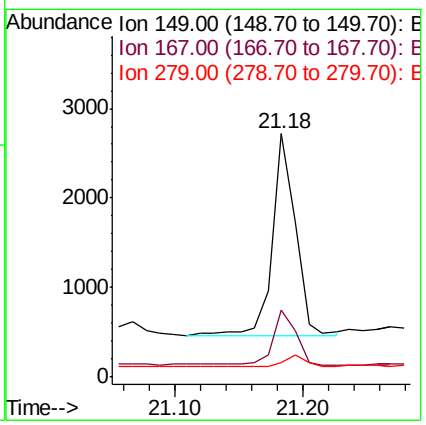


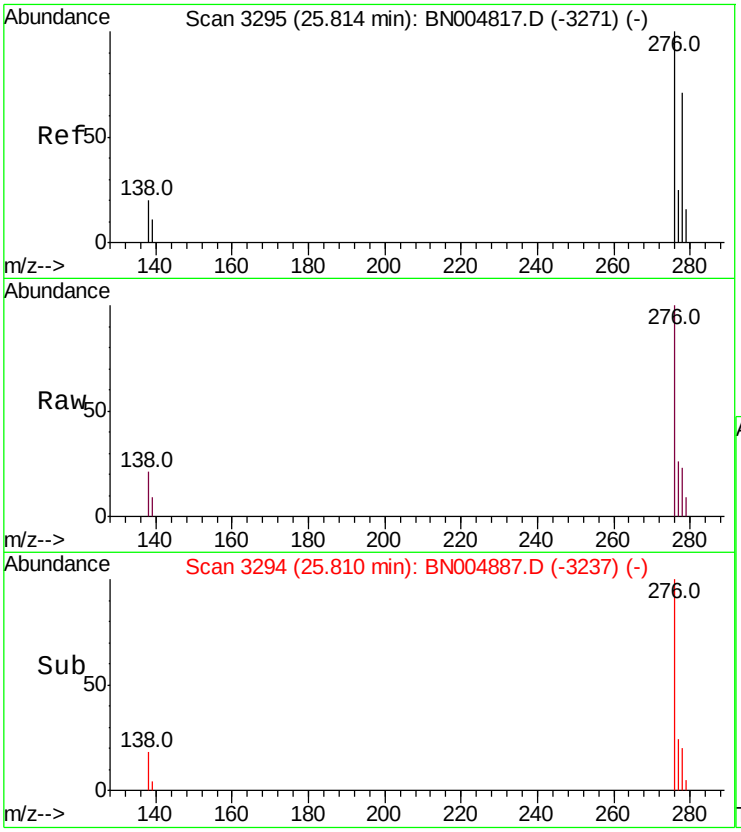


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.105 ng
RT: 21.18 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:149 Resp: 2793

Ion	Ratio	Lower	Upper
149	100		
167	27.1	23.0	34.4
279	5.8	4.6	6.8



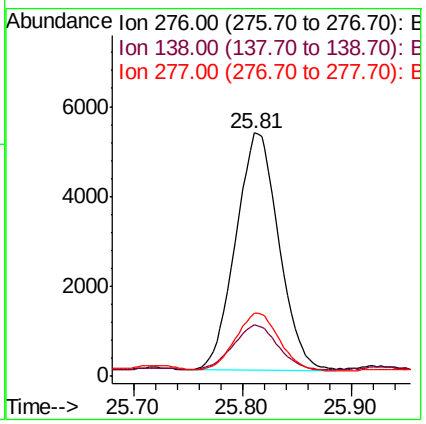


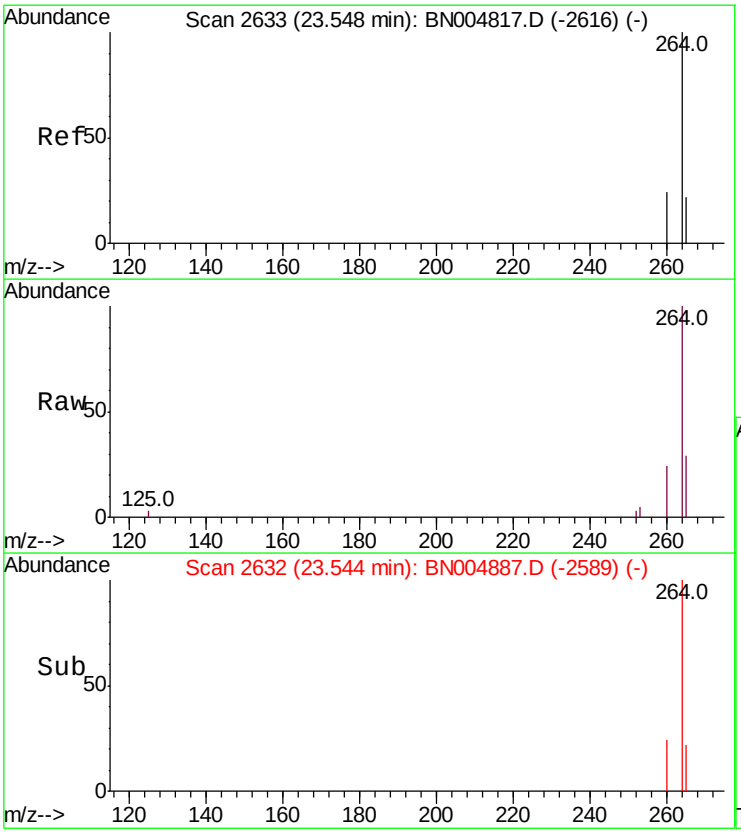
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.142 ng
RT: 25.81 min Scan# 3294
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:276 Resp: 14505

Ion	Ratio	Lower	Upper
276	100		
138	19.6	16.6	24.8
277	25.0	20.3	30.5

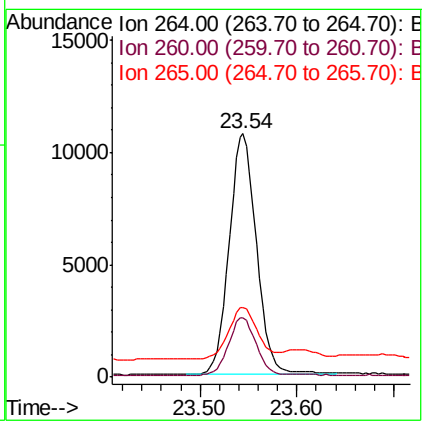


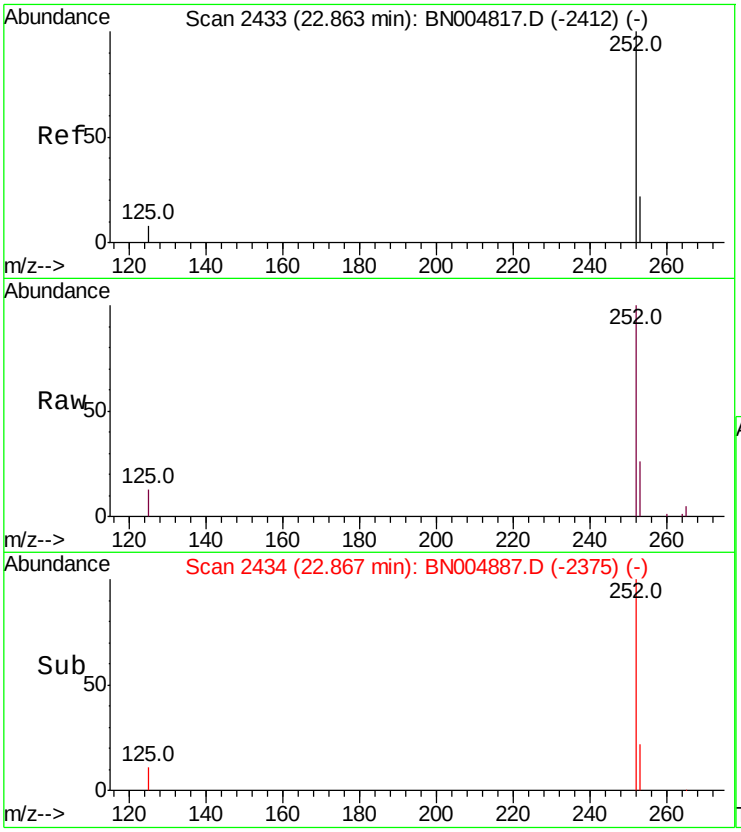


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.54 min Scan# 2632
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:264 Resp: 21178

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	28.8	23.1	34.7



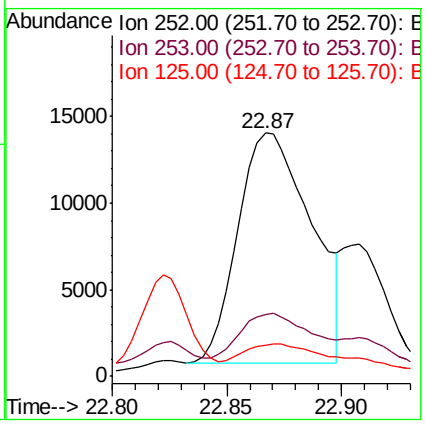


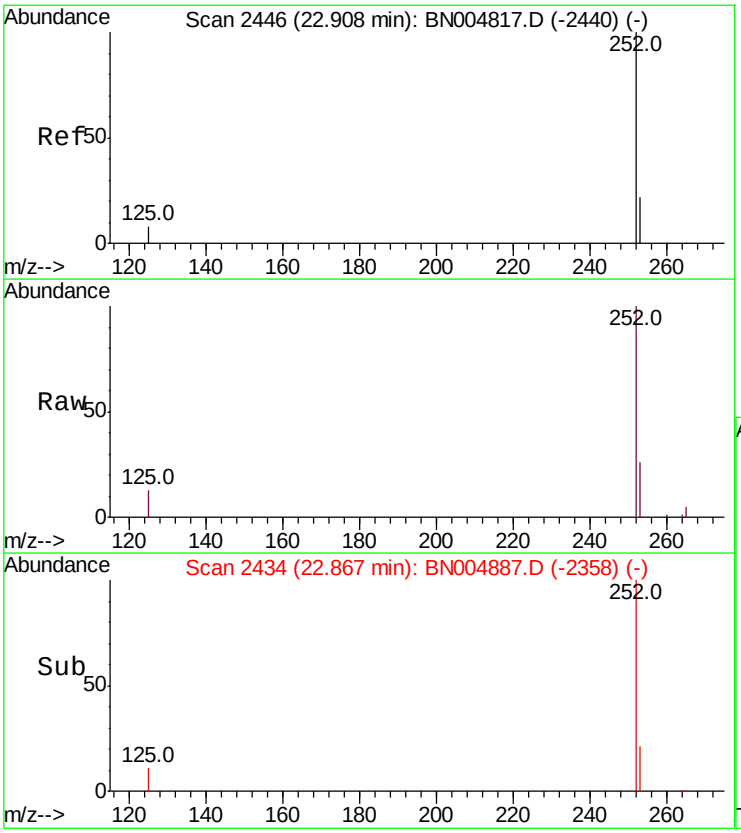
#35
Benzo(b)fluoranthene
Concen: 0.386 ng
RT: 22.87 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:252 Resp: 29555

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.0	28.4
125	12.9	7.4	11.2#

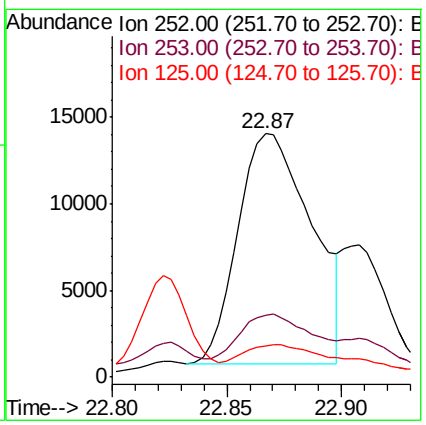


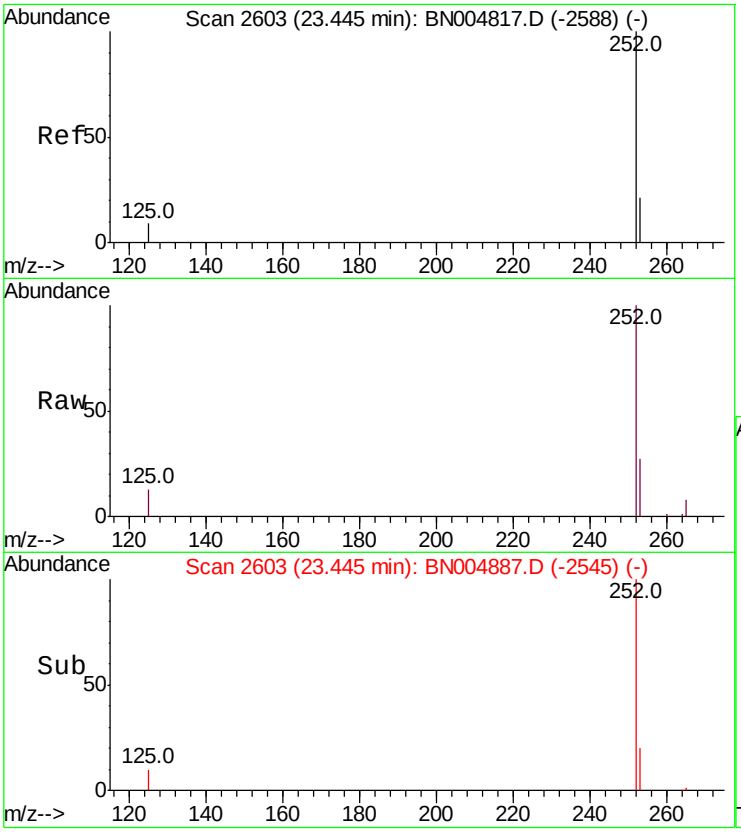


#36
Benzo(k)fluoranthene
Concen: 0.392 ng
RT: 22.87 min Scan# 2434
Delta R.T. -0.04 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:252 Resp: 29555

Ion	Ratio	Lower	Upper
252	100		
253	25.5	19.3	28.9
125	12.9	7.4	11.0#



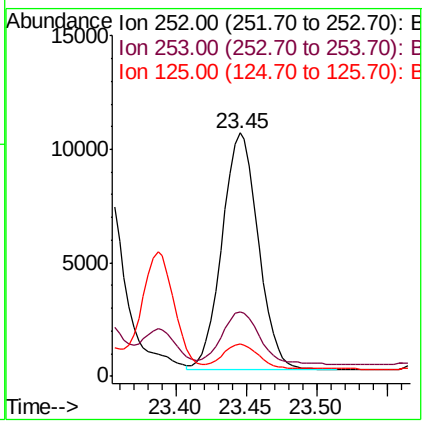


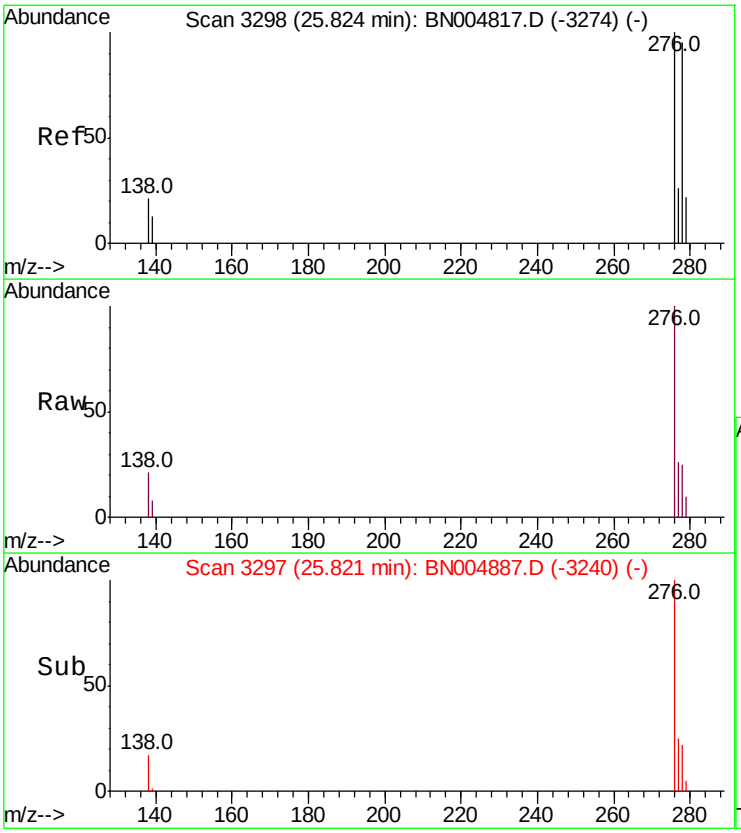
#37
Benzo(a)pyrene
Concen: 0.268 ng
RT: 23.45 min Scan# 2603
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:252 Resp: 18802

Ion	Ratio	Lower	Upper
252	100		
253	26.7	19.7	29.5
125	13.4	8.3	12.5#

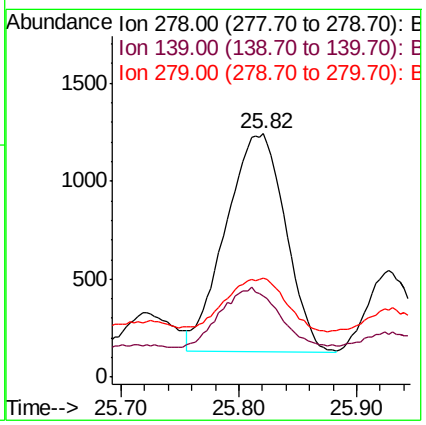


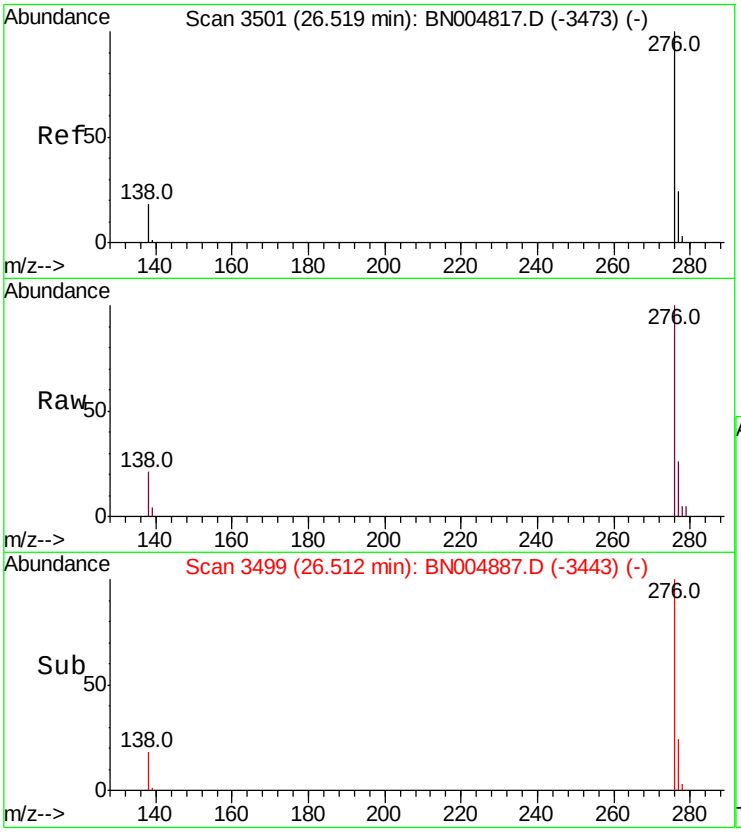


#38
Dibenzo(a,h)anthracene
Concen: 0.048 ng
RT: 25.82 min Scan# 3297
Delta R.T. -0.00 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Tgt Ion:278 Resp: 3911

Ion	Ratio	Lower	Upper
278	100		
139	33.1	11.7	17.5#
279	40.5	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.172 ng
RT: 26.51 min Scan# 3499
Delta R.T. -0.01 min
Lab File: BN004887.D
Acq: 22 Mar 2019 13:38

Instrument :
BNA_N
ClientSampleId :
PST-028-B103-030619

Tgt Ion:276 Resp: 14294

Ion	Ratio	Lower	Upper
276	100		
277	25.6	19.7	29.5
138	20.8	14.6	22.0