Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
Data File : BN004949.D
Acq On : 24 Mar 2019 21:08
Operator : JU/SJ
Sample : K2014-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-026-SW038-031919

Quant Time: Mar 25 02:58:21 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	3309	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	12934	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	6808	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	14911	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	17570	0.40	ng		-0.01
34) Perylene-d12	23.52	264	18652	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3897	0.43	ng		0.00
5) Phenol-d6	6.86	99	4691	0.42	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3809	0.45	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7312	0.32	ng		-0.02
14) 2,4,6-Tribromophenol	15.83	330	1761	0.37	ng		-0.02
15) 2-Fluorobiphenyl	12.94	172	10383	0.37	ng		-0.02
25) Fluoranthene-d10	19.12	212	14821	0.30	ng		-0.01
29) Terphenyl-d14	19.71	244	11948	0.33	ng		-0.01
Target Compounds							Qvalue
16) Acenaphthylene	14.05	152	2578	0.074	ng		98
18) Fluorene	15.38	166	655	0.020	ng	#	76
23) Phenanthrene	17.12	178	12482	0.259	ng		99
24) Anthracene	17.22	178	2045	0.048	ng	#	95
26) Fluoranthene	19.15	202	16521	0.267	ng	#	96
28) Pyrene	19.51	202	23193	0.433	ng		97
30) Benzo(a)anthracene	21.26	228	9661	0.168	ng	#	87
31) Chrysene	21.31	228	11510	0.190	ng	#	91
32) Bis(2-ethylhexyl)phthalate	21.17	149	6626	0.288	ng		99
33) Indeno(1,2,3-cd)pyrene	25.79	276	6018	0.069	ng	#	95
35) Benzo(b)fluoranthene	22.85	252	10285	0.152	ng	#	57
36) Benzo(k)fluoranthene	22.85	252	10285	0.155	ng	#	58
37) Benzo(a)pyrene	23.42	252	8001	0.129	ng	#	61
38) Dibenzo(a,h)anthracene	25.80	278	2296	0.032	ng	#	1
39) Benzo(g,h,i)perylene	26.48	276	7191	0.098	ng	#	72

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032419\
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PST-026-SW038-031919

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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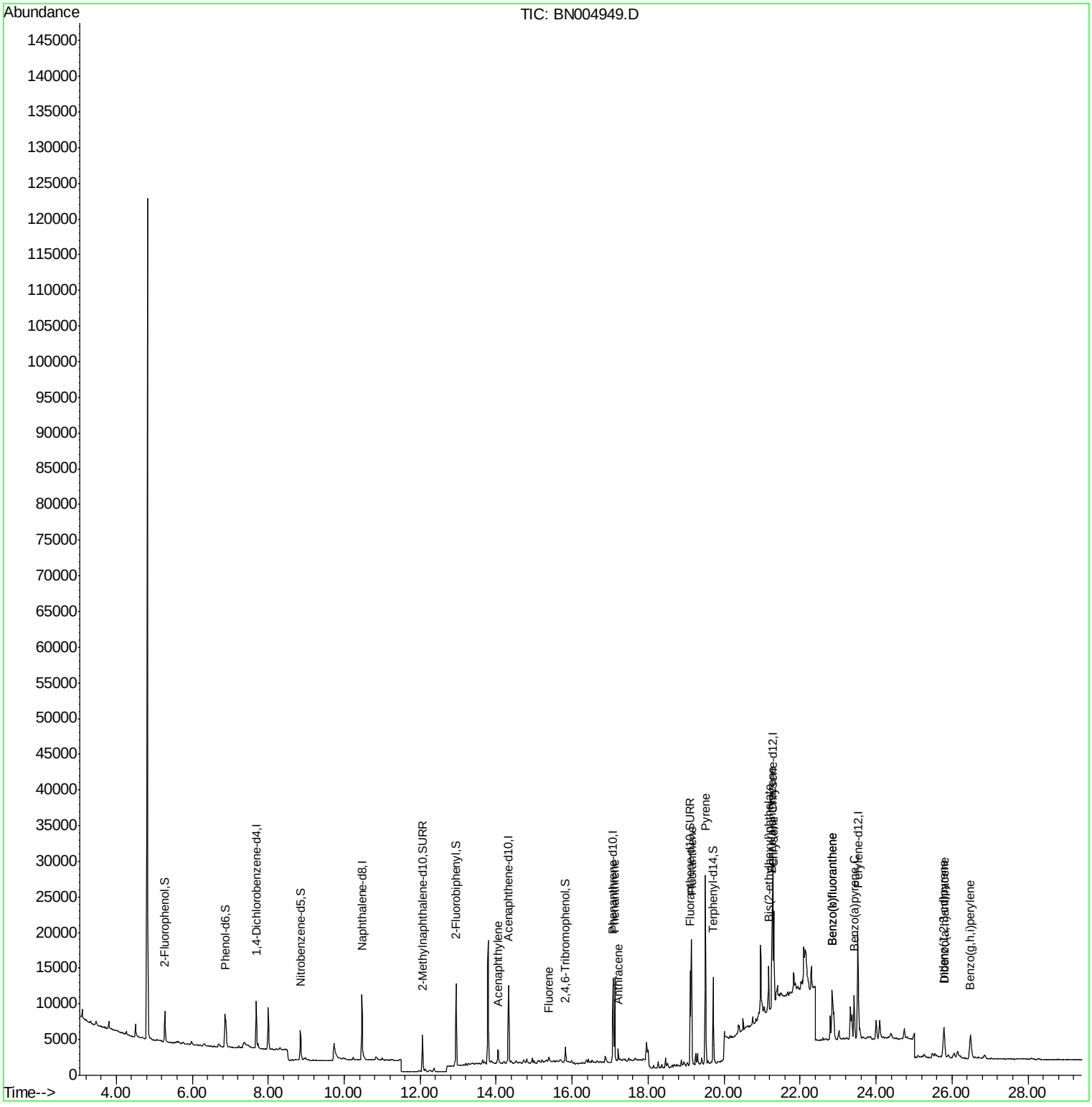
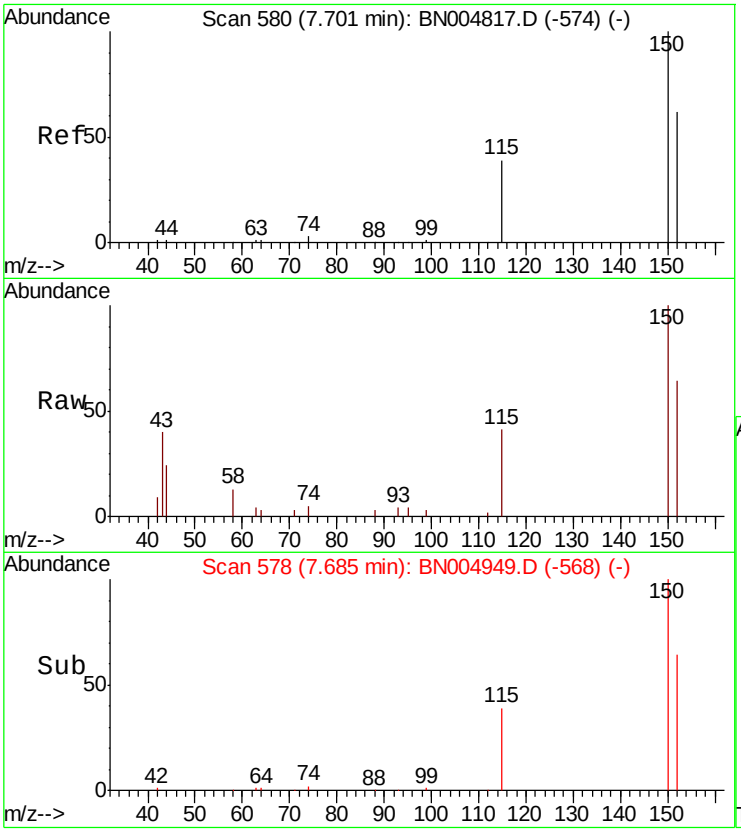


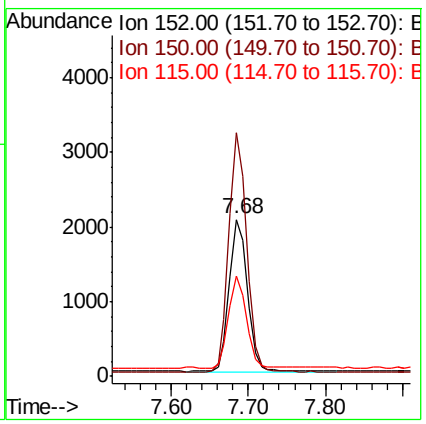


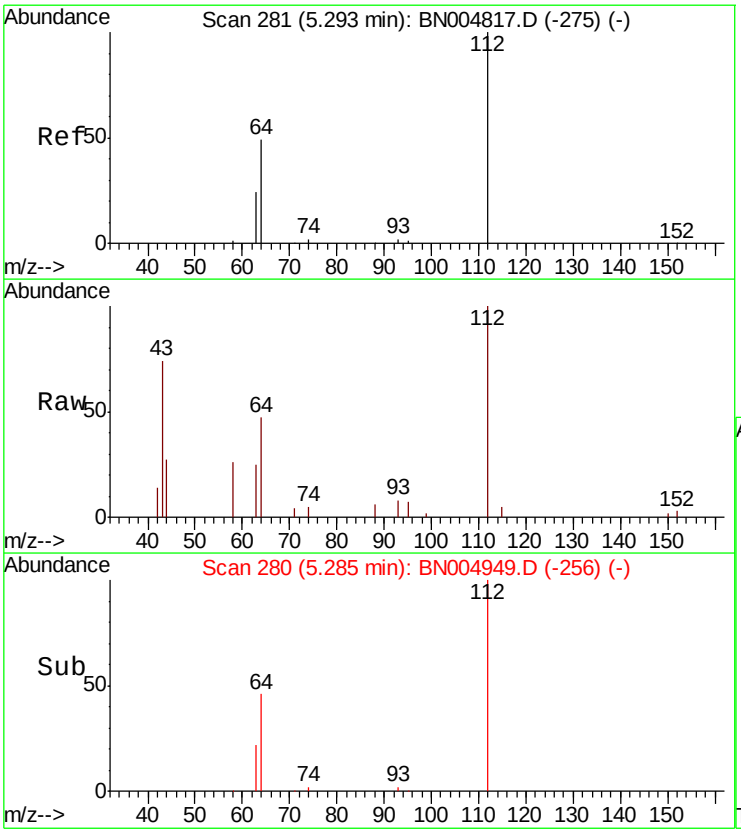
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:152 Resp: 3309

Ion	Ratio	Lower	Upper
152	100		
150	155.1	126.2	189.4
115	64.2	52.6	79.0

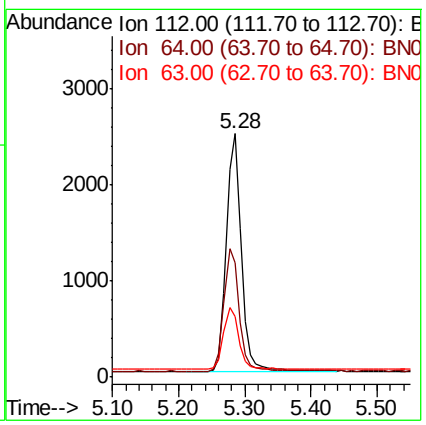


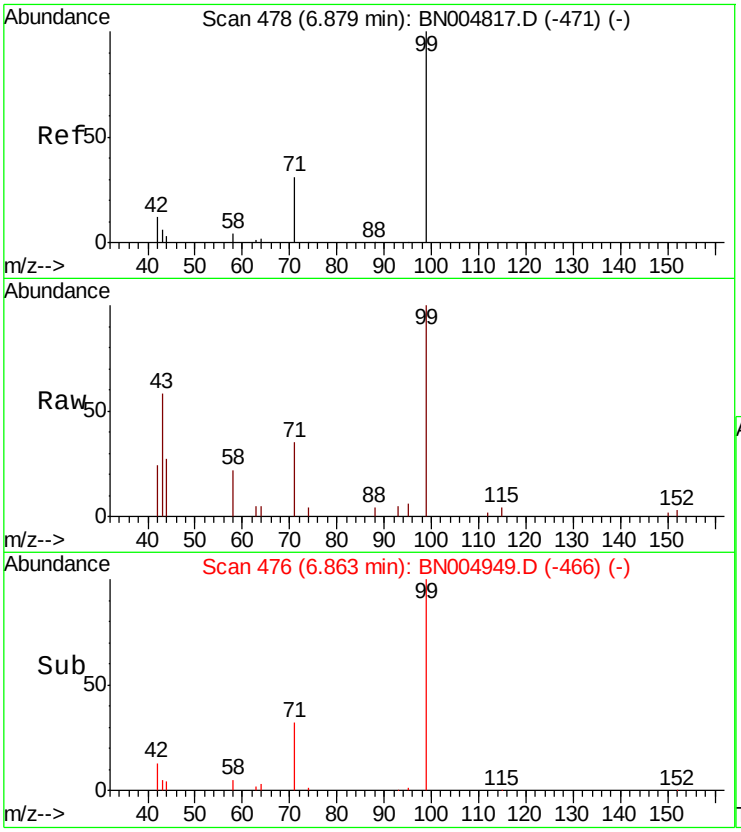


#4
2-Fluorophenol
Concen: 0.433 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:112 Resp: 3897

Ion	Ratio	Lower	Upper
112	100		
64	52.1	40.0	60.0
63	26.2	20.2	30.2



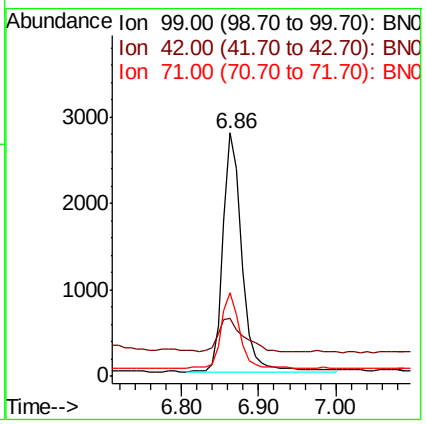


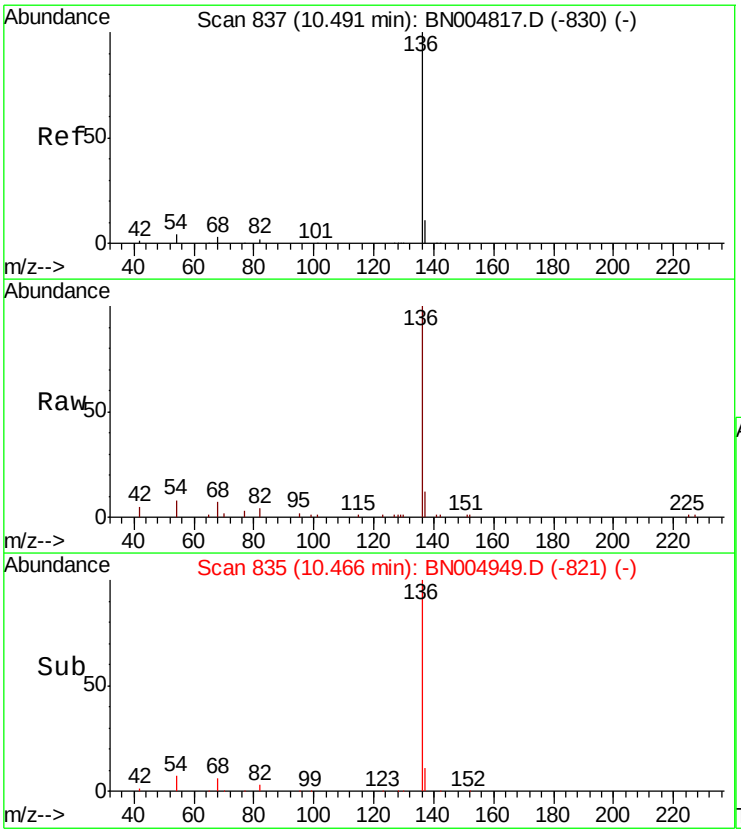
#5
Phenol-d6
Concen: 0.419 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion: 99 Resp: 4691

Ion	Ratio	Lower	Upper
99	100		
42	19.6	12.7	19.1#
71	32.0	26.6	40.0

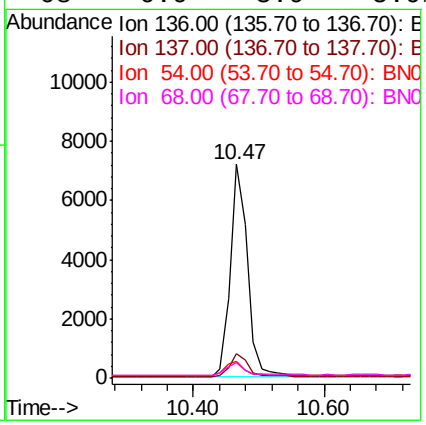


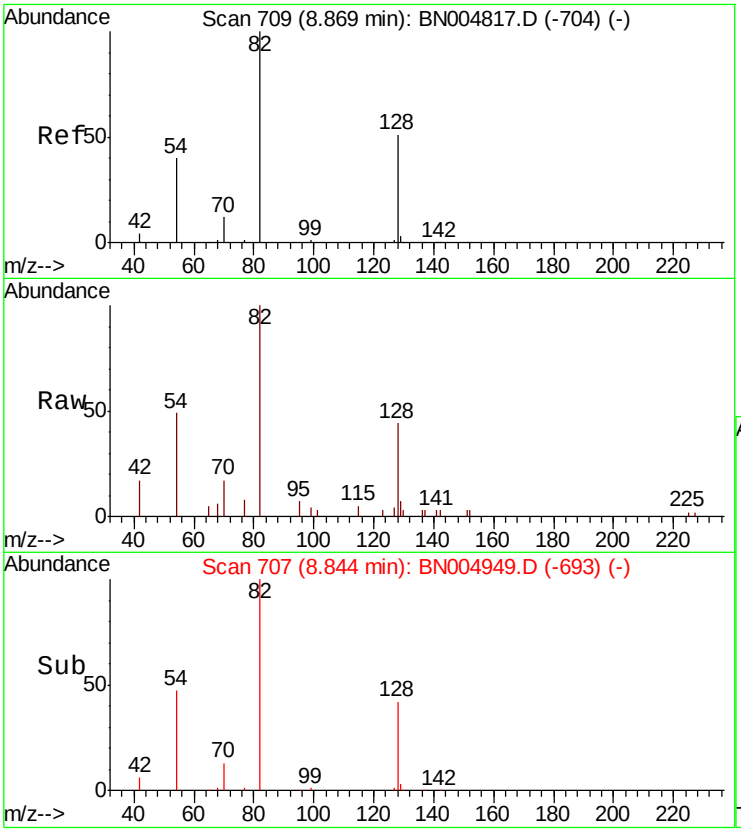


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:136 Resp: 12934

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.6	14.4
54	7.9	4.2	6.2#
68	6.9	3.9	5.9#



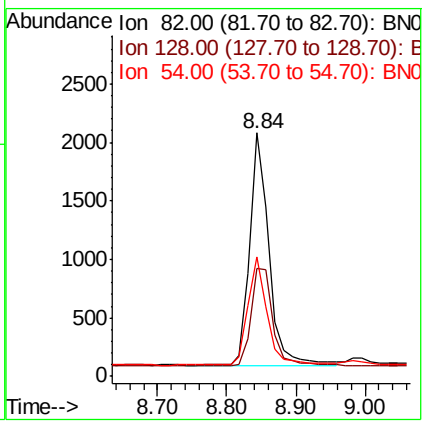


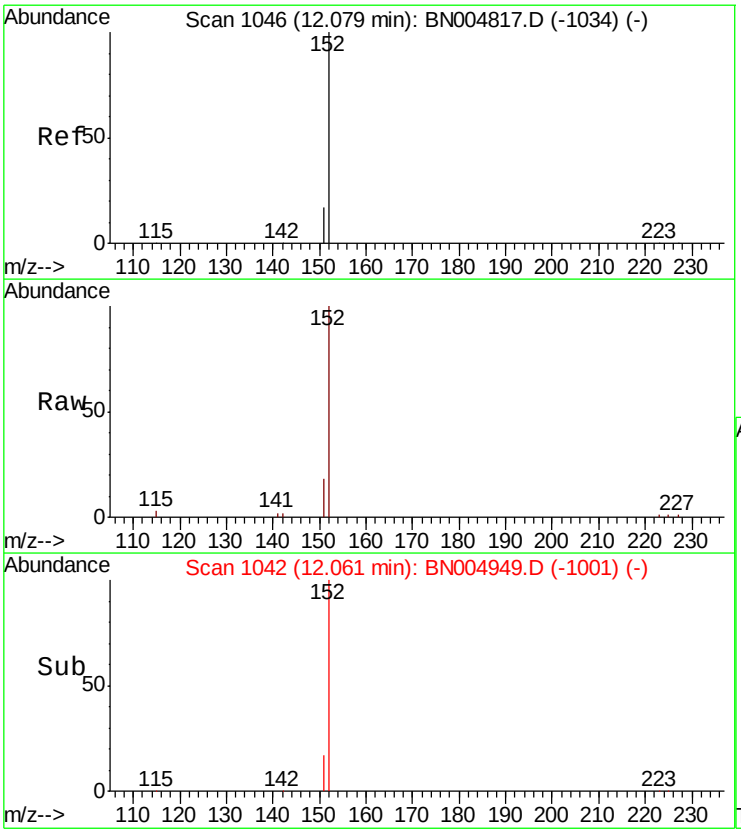
#8
Nitrobenzene-d5
Concen: 0.445 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion: 82 Resp: 3809

Ion	Ratio	Lower	Upper
82	100		
128	44.1	43.0	64.6
54	49.2	35.3	52.9

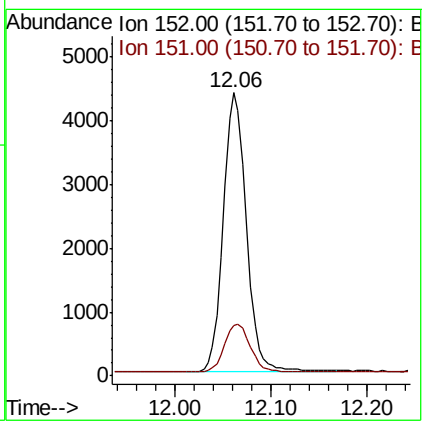


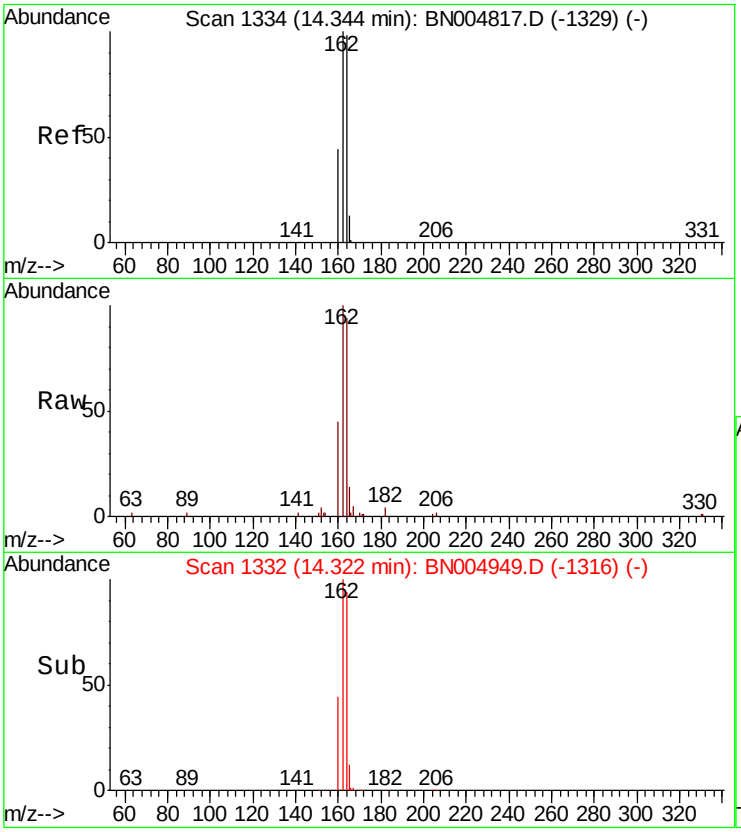


#11
2-Methylnaphthalene-d10
Concen: 0.324 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:152 Resp: 7312

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



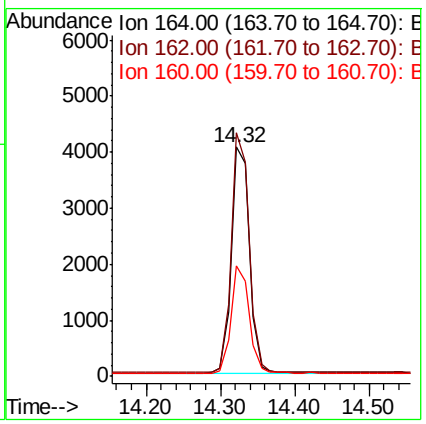


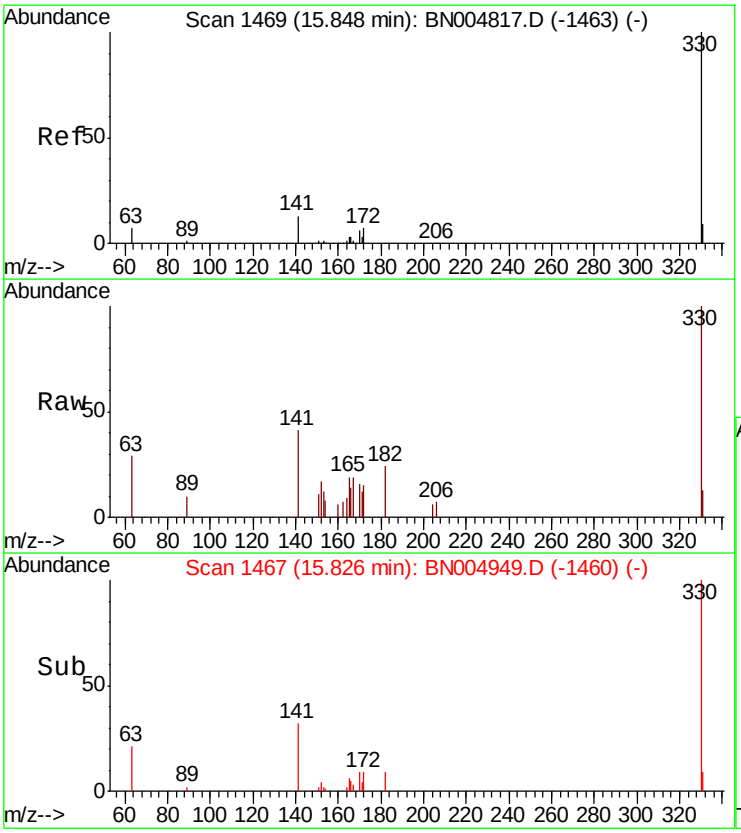
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:164 Resp: 6808

Ion	Ratio	Lower	Upper
164	100		
162	106.2	81.9	122.9
160	48.0	36.6	54.8

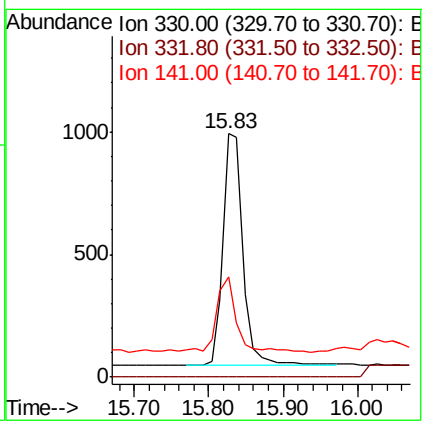


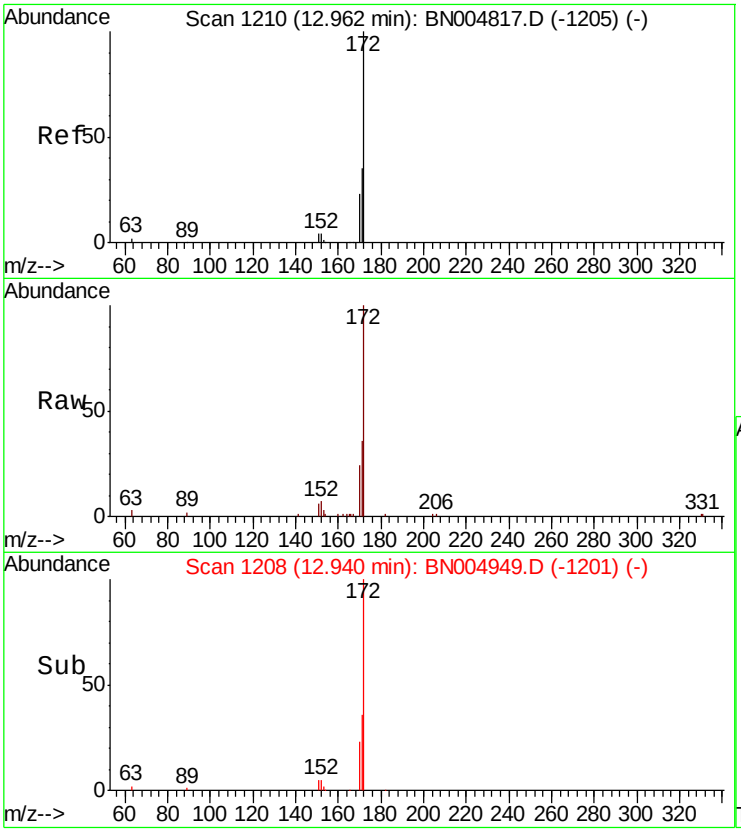


#14
2,4,6-Tribromophenol
Concen: 0.375 ng
RT: 15.83 min Scan# 1467
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:330 Resp: 1761

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	33.3	20.9	31.3#



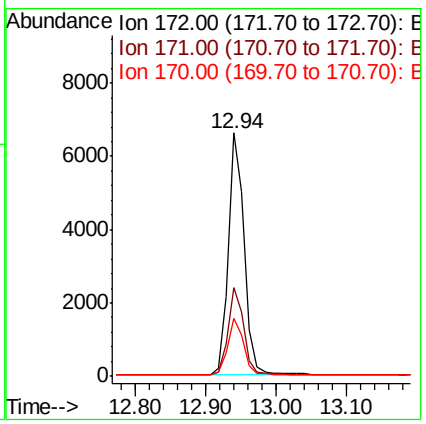


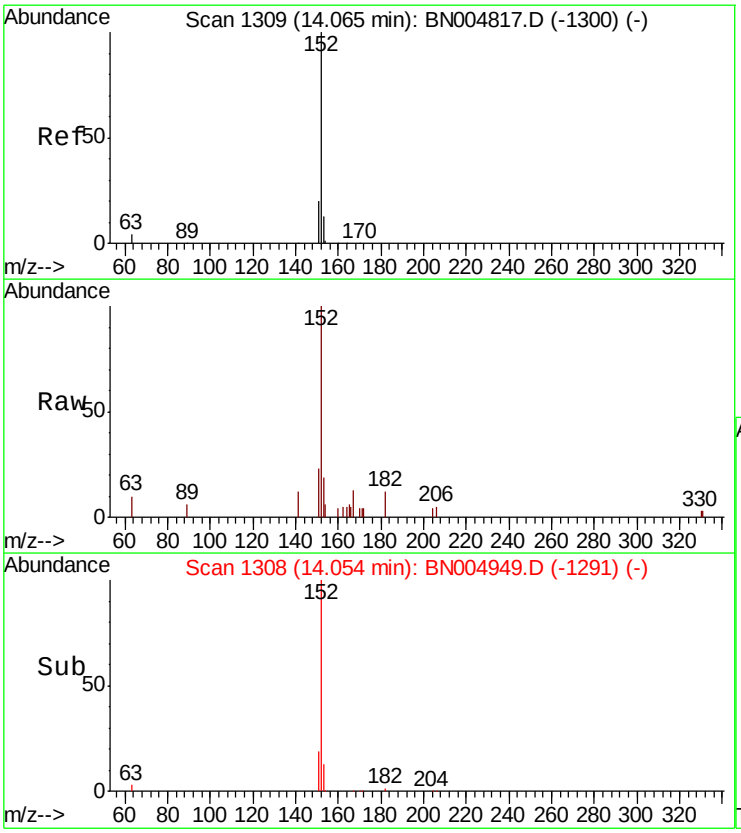
#15
2-Fluorobiphenyl
Concen: 0.369 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:172 Resp: 10383

Ion	Ratio	Lower	Upper
172	100		
171	36.2	28.7	43.1
170	23.9	18.7	28.1

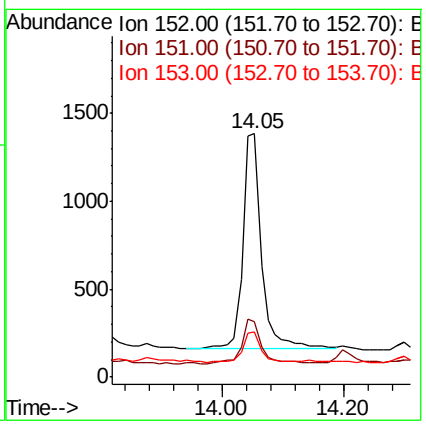


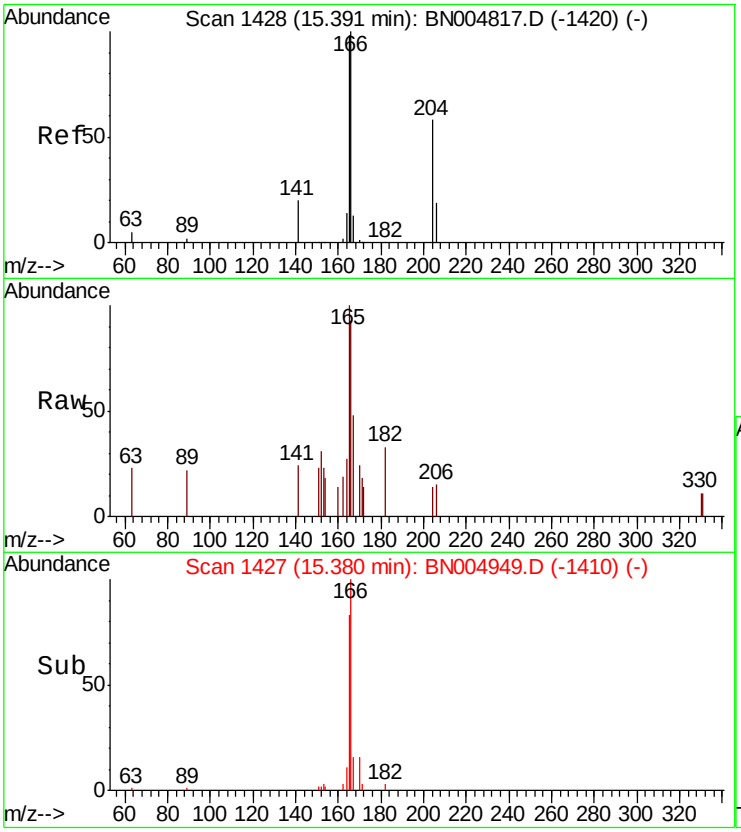


#16
Acenaphthylene
Concen: 0.074 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:152 Resp: 2578

Ion	Ratio	Lower	Upper
152	100		
151	21.5	16.1	24.1
153	13.3	10.5	15.7



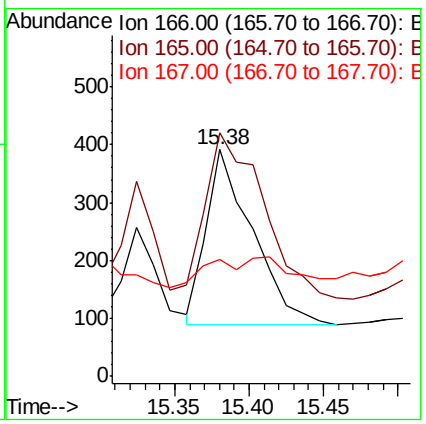


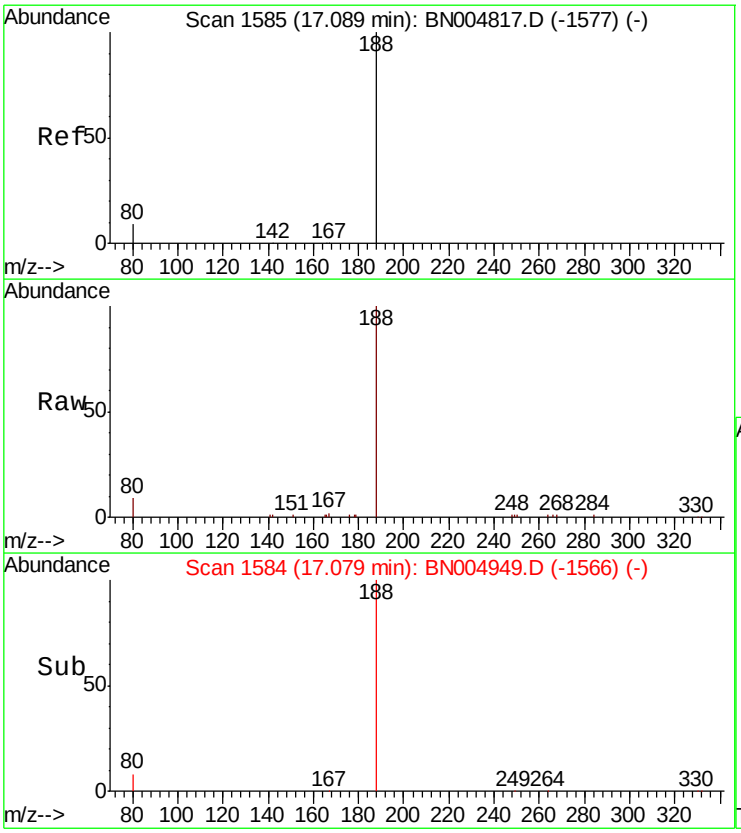
#18
Fluorene
Concen: 0.020 ng
RT: 15.38 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:166 Resp: 655

Ion	Ratio	Lower	Upper
166	100		
165	120.0	78.2	117.4#
167	0.0	11.0	16.4#

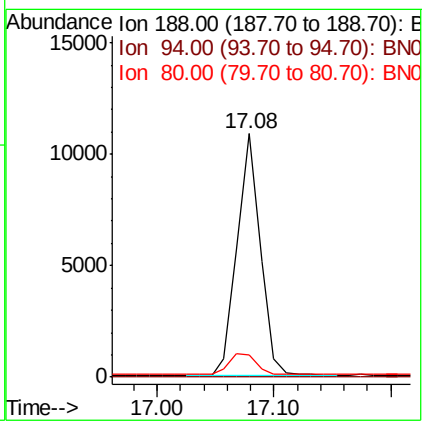


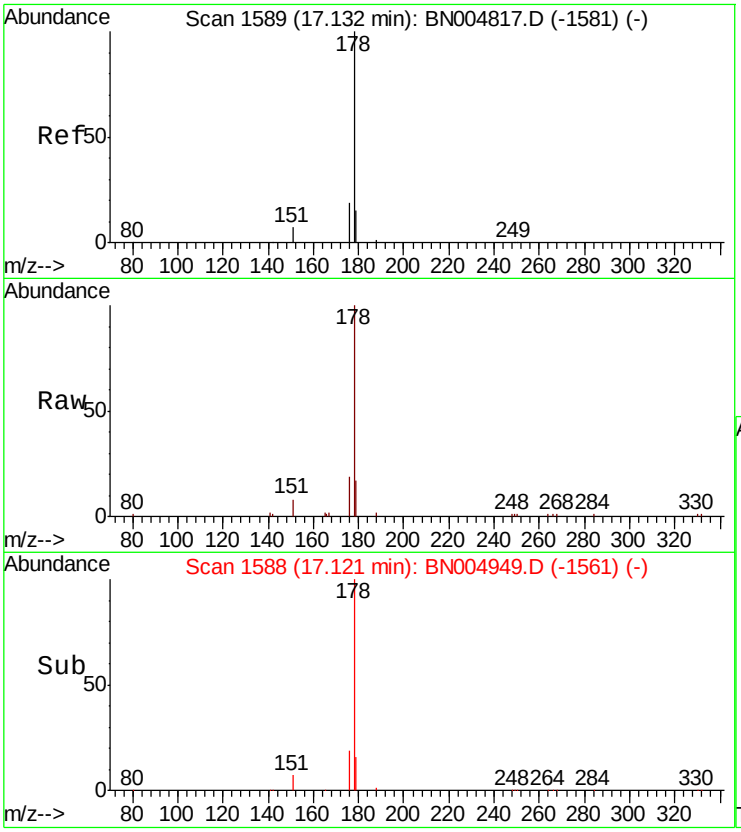


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:188 Resp: 14911

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.4	11.2



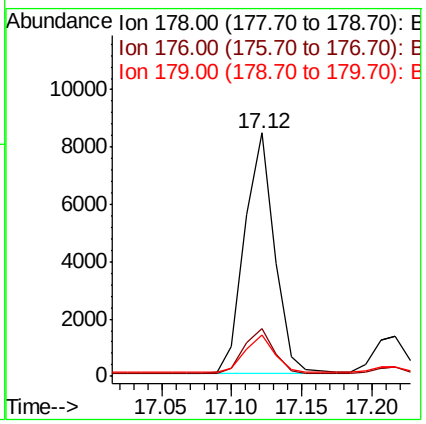


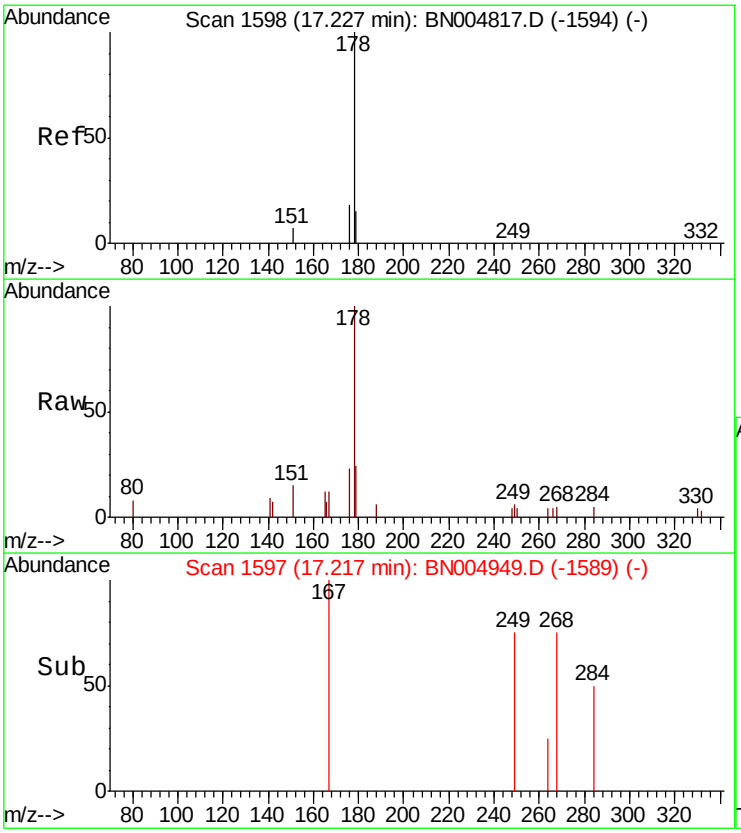
#23
Phenanthrene
Concen: 0.259 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:178 Resp: 12482

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	16.2	12.1	18.1

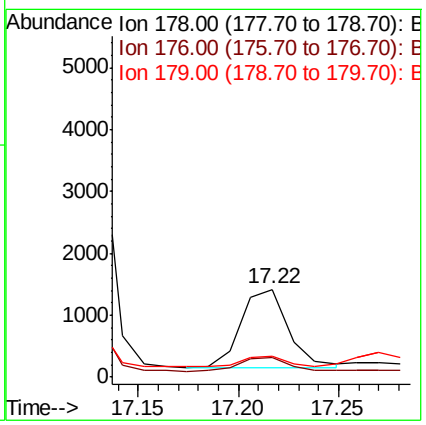


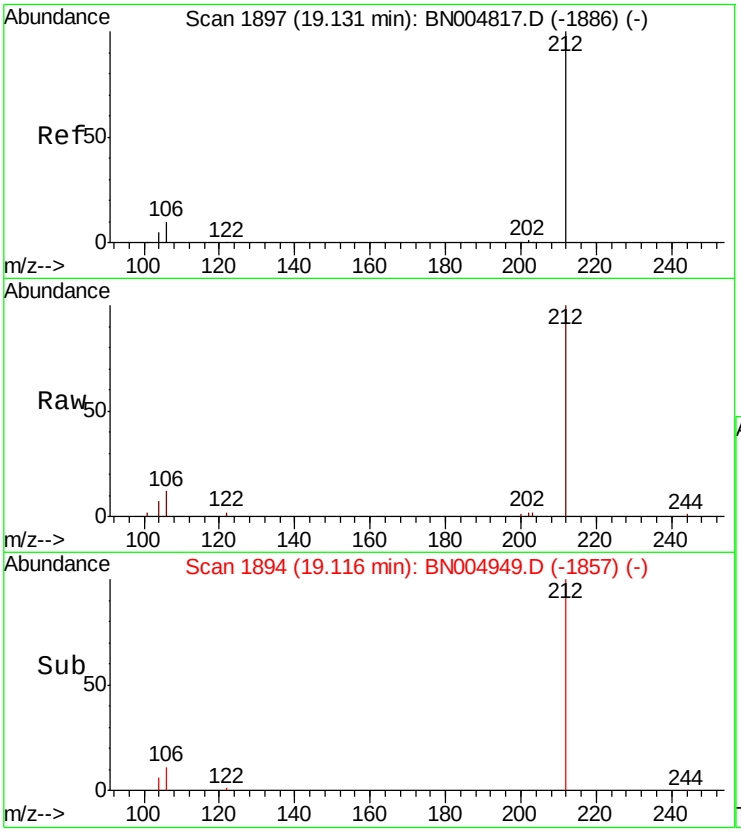


#24
Anthracene
Concen: 0.048 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:178 Resp: 2045

Ion	Ratio	Lower	Upper
178	100		
176	19.2	14.5	21.7
179	11.8	12.2	18.4#



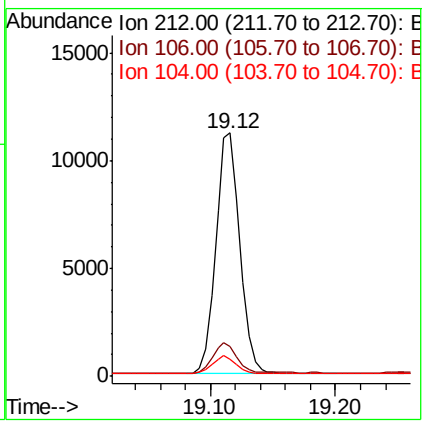


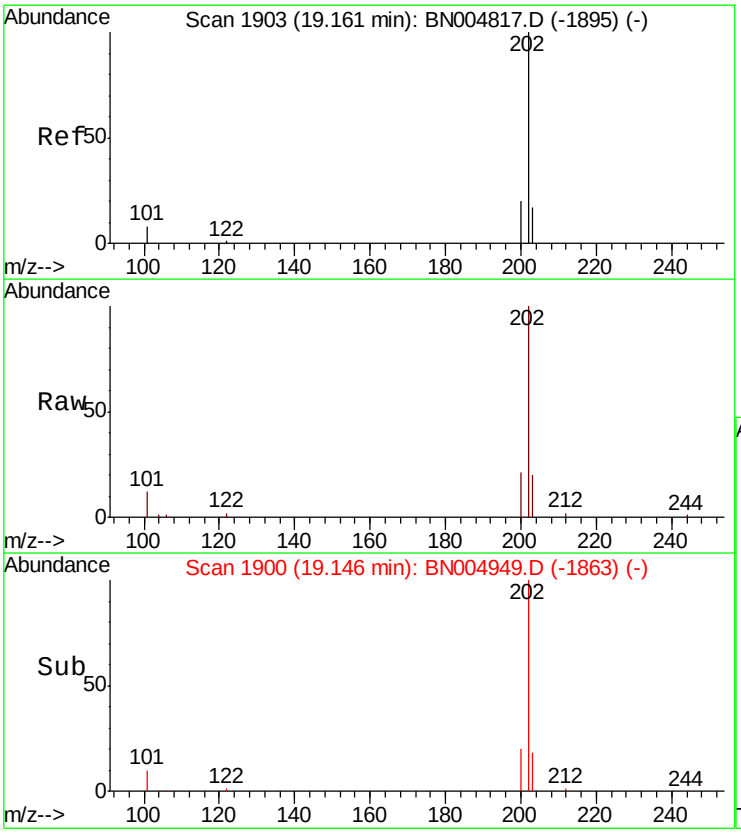
#25
Fluoranthene-d10
Concen: 0.297 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:212 Resp: 14821

Ion	Ratio	Lower	Upper
212	100		
106	12.9	8.6	13.0
104	7.0	4.7	7.1

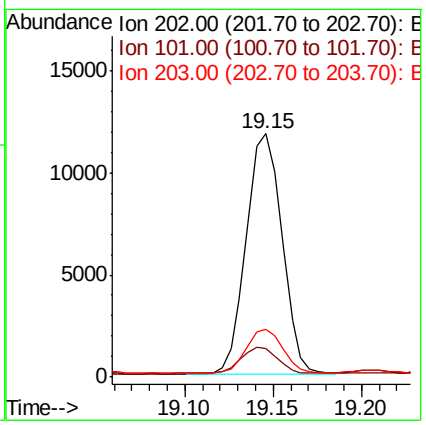


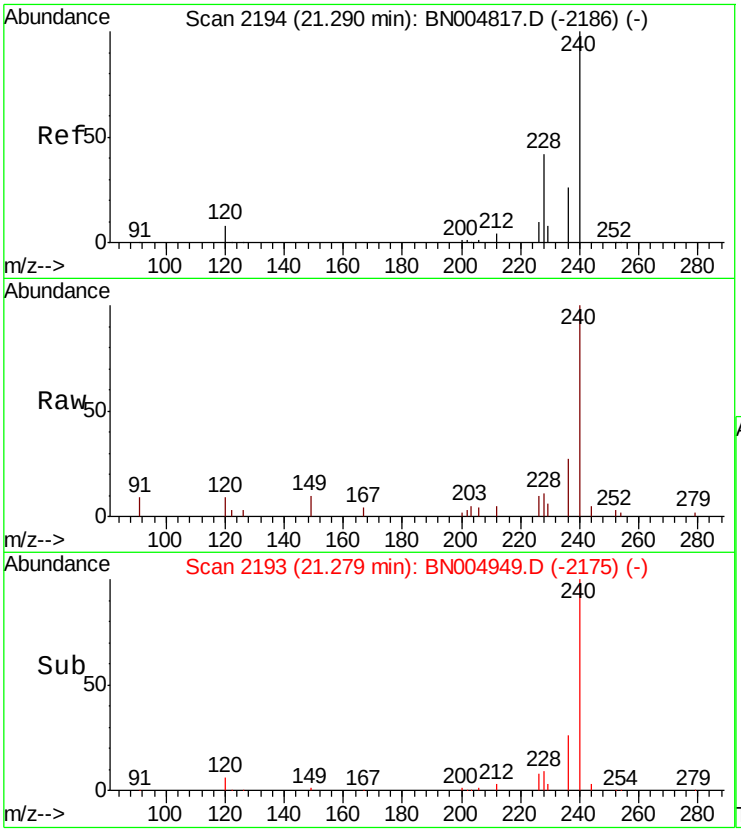


#26
Fluoranthene
Concen: 0.267 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:202 Resp: 16521

Ion	Ratio	Lower	Upper
202	100		
101	12.2	7.5	11.3#
203	18.3	13.8	20.6



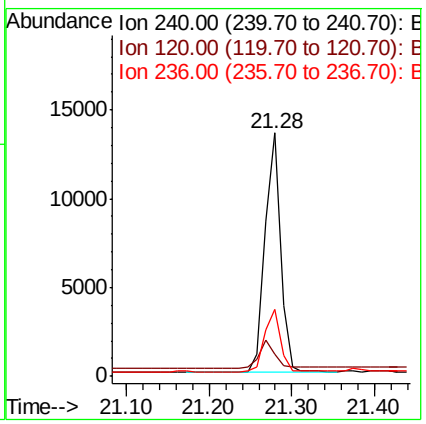


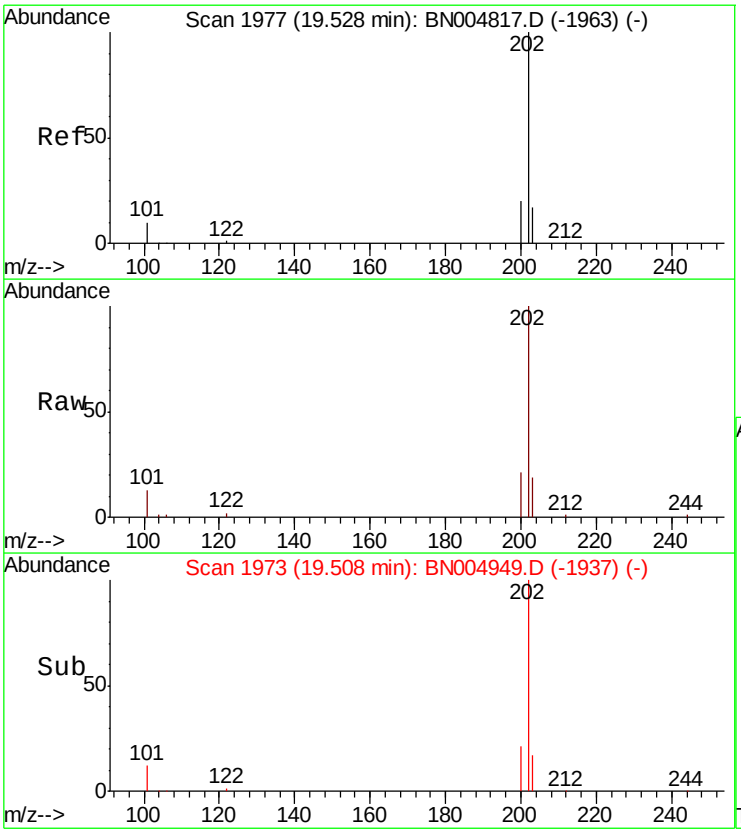
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:240 Resp: 17570

Ion	Ratio	Lower	Upper
240	100		
120	9.3	7.2	10.8
236	27.3	20.9	31.3

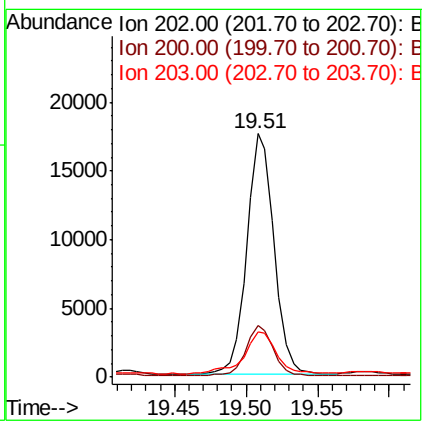


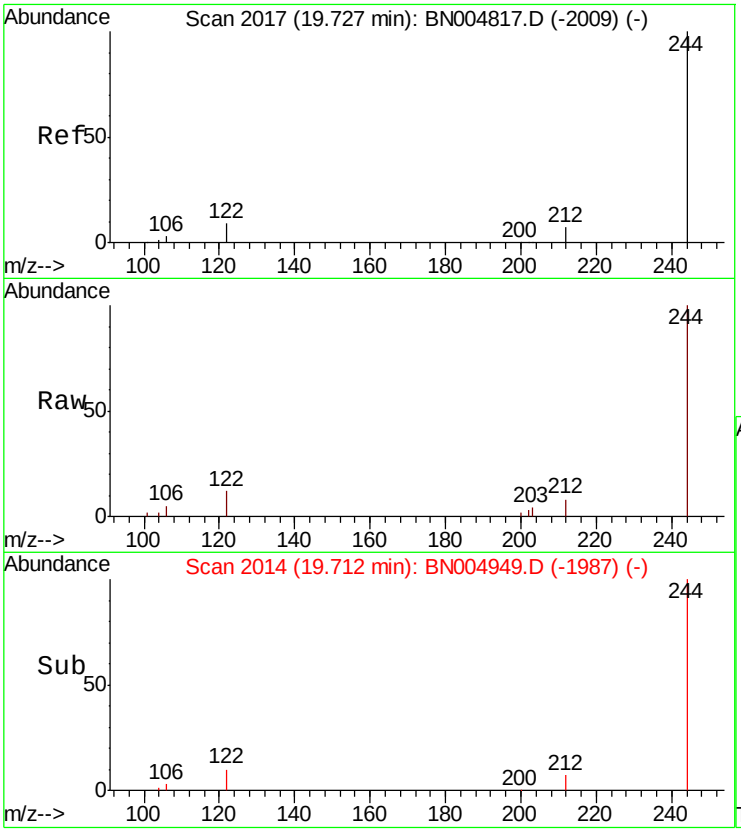


#28
Pyrene
Concen: 0.433 ng
RT: 19.51 min Scan# 1973
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:202 Resp: 23193

Ion	Ratio	Lower	Upper
202	100		
200	20.6	16.3	24.5
203	20.4	14.0	21.0



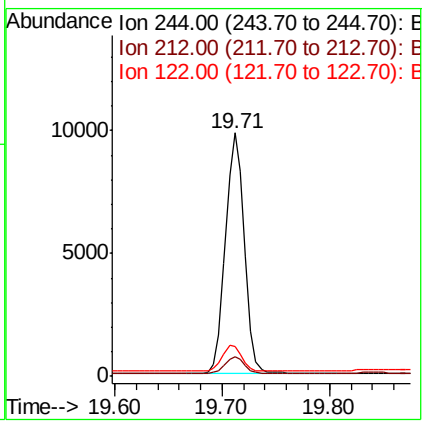


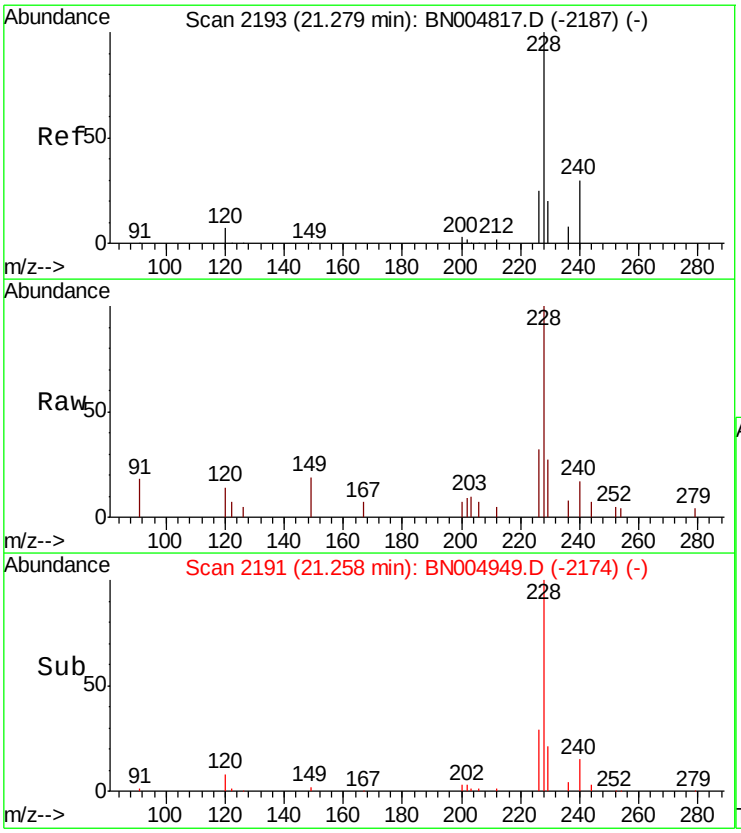
#29
Terphenyl-d14
Concen: 0.332 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:244 Resp: 11948

Ion	Ratio	Lower	Upper
244	100		
212	8.0	5.8	8.6
122	12.2	7.9	11.9#

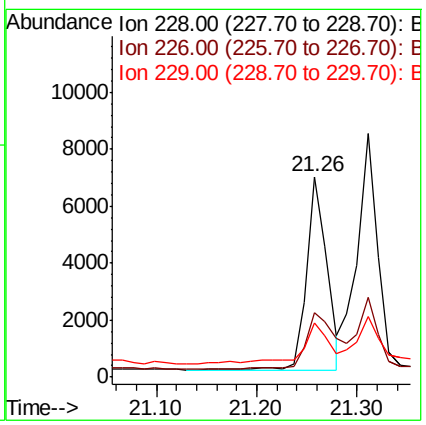


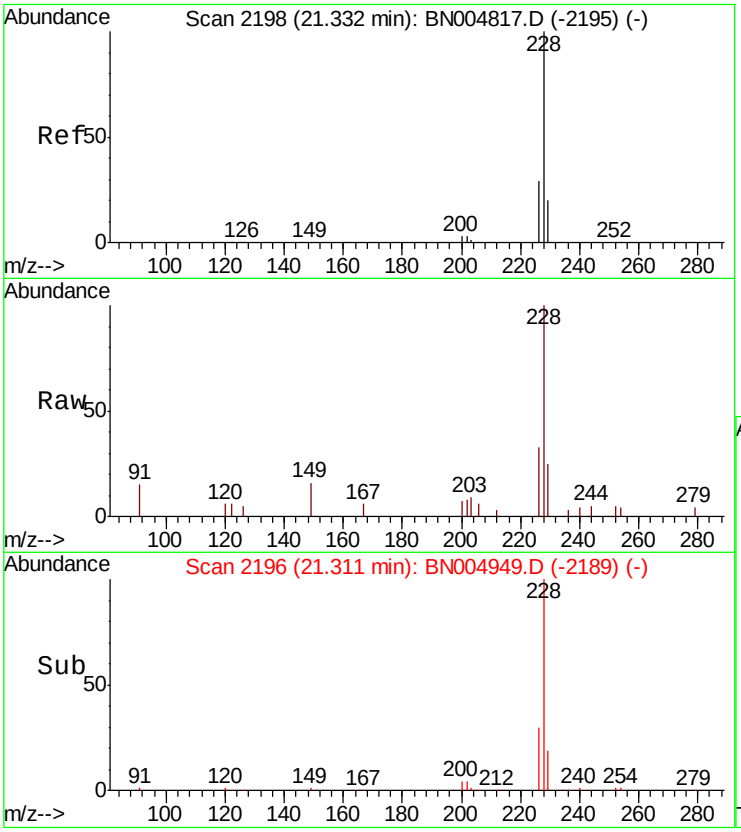


#30
Benzo(a)anthracene
Concen: 0.168 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:228 Resp: 9661

Ion	Ratio	Lower	Upper
228	100		
226	32.1	20.6	31.0#
229	27.1	16.2	24.4#



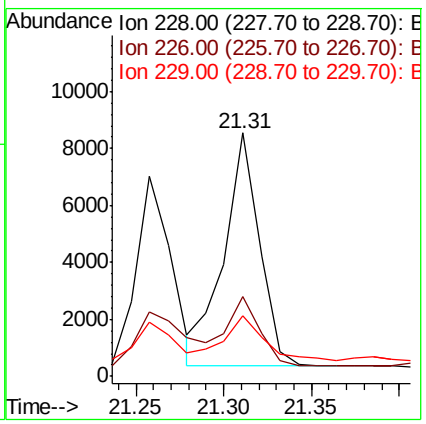


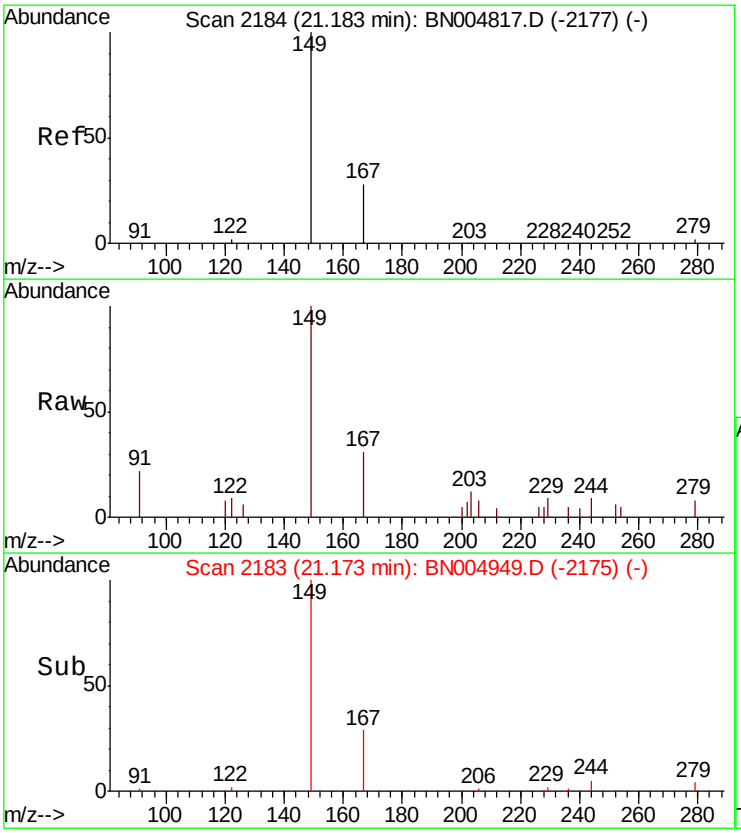
#31
Chrysene
Concen: 0.190 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:228 Resp: 11510

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.0	34.6
229	25.1	16.2	24.2#

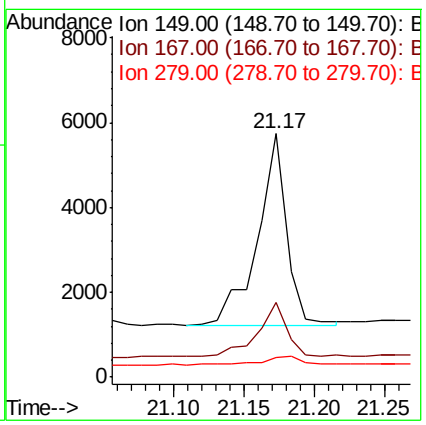


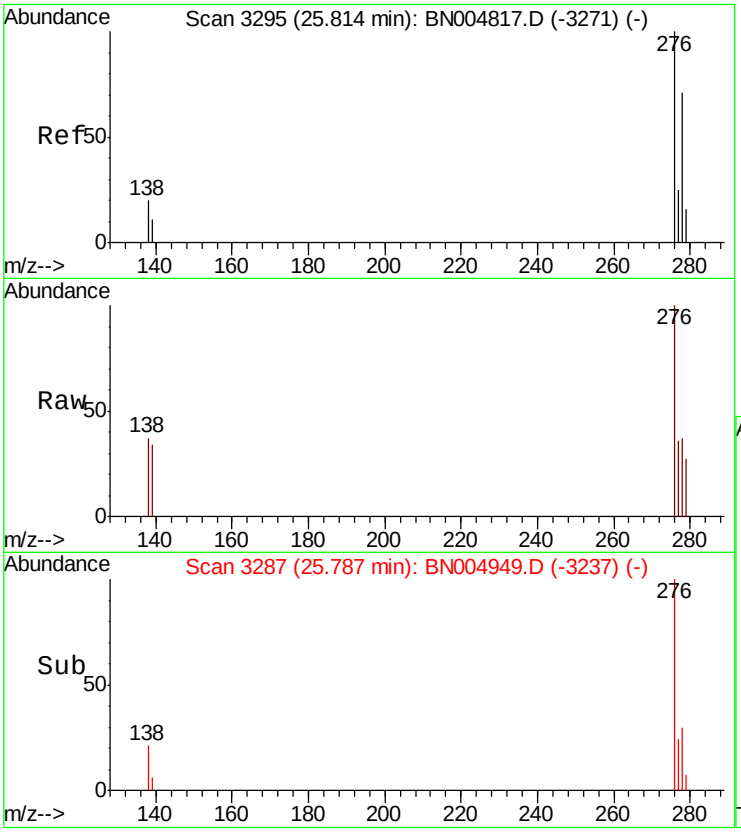


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.288 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:149 Resp: 6626

Ion	Ratio	Lower	Upper
149	100		
167	29.3	23.0	34.4
279	5.4	4.6	6.8



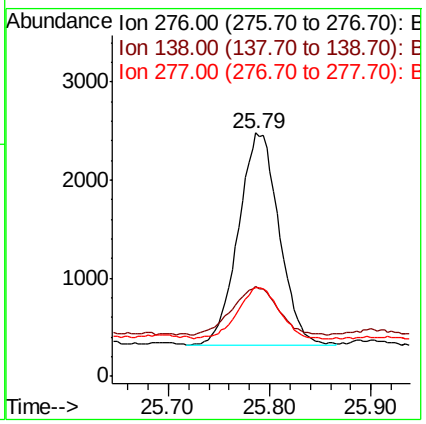


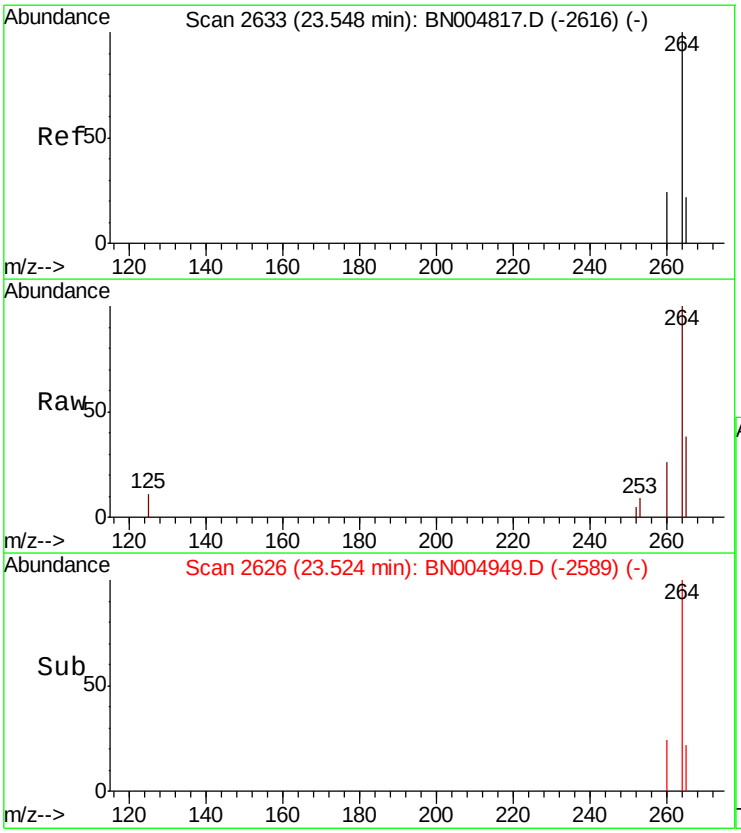
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.069 ng
RT: 25.79 min Scan# 3287
Delta R.T. -0.03 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:276 Resp: 6018

Ion	Ratio	Lower	Upper
276	100		
138	25.5	16.6	24.8#
277	25.1	20.3	30.5

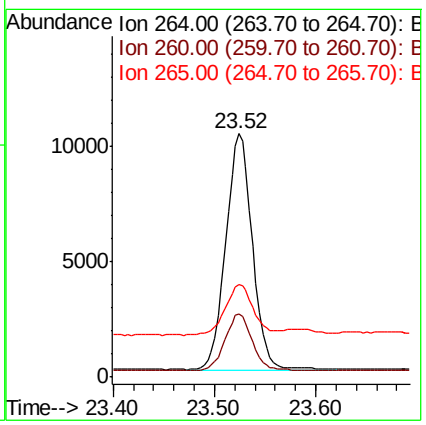


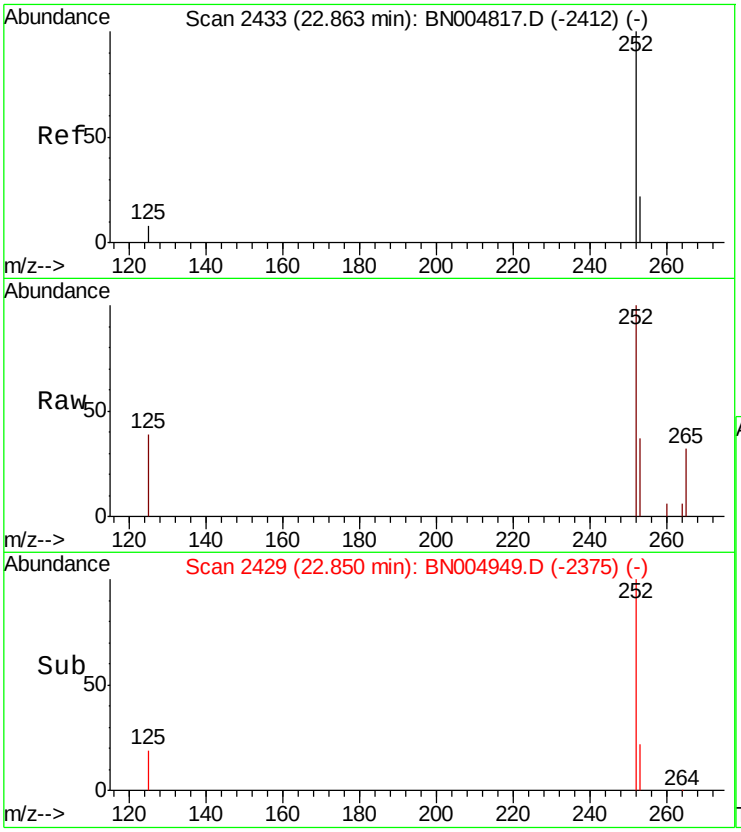


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.52 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:264 Resp: 18652

Ion	Ratio	Lower	Upper
264	100		
260	26.1	19.5	29.3
265	38.1	23.1	34.7#



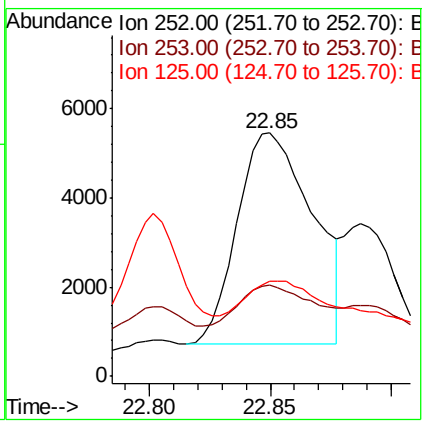


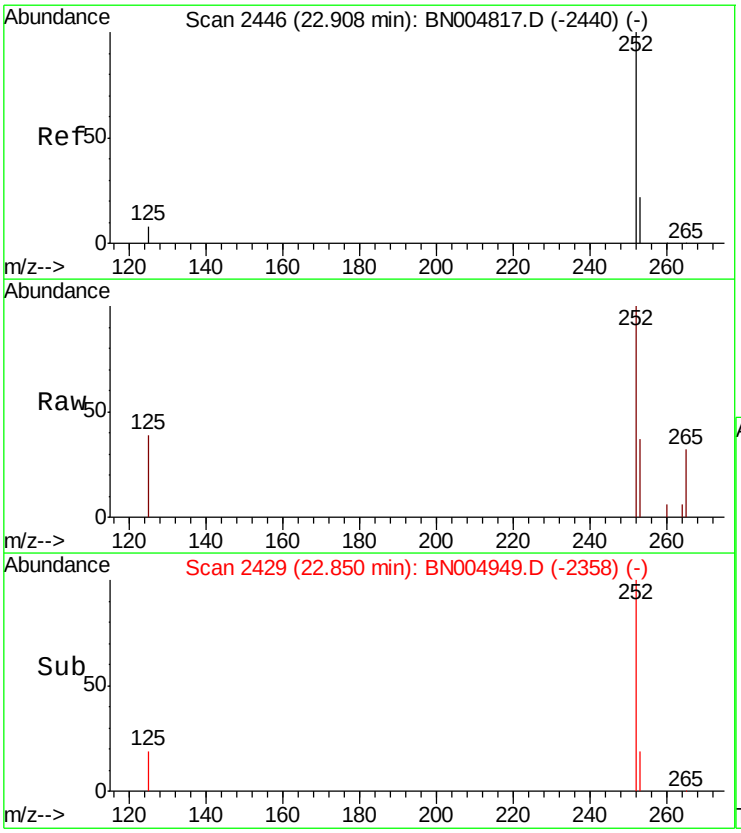
#35
Benzo(b)fluoranthene
Concen: 0.152 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.01 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:252 Resp: 10285

Ion	Ratio	Lower	Upper
252	100		
253	37.4	19.0	28.4#
125	38.8	7.4	11.2#

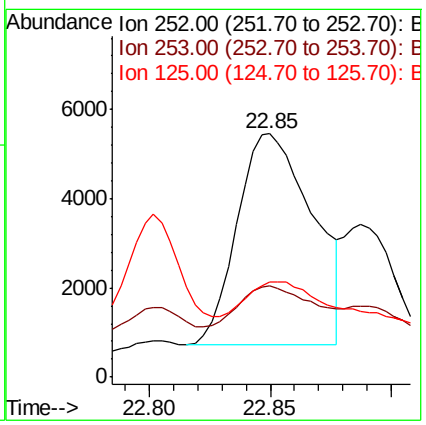


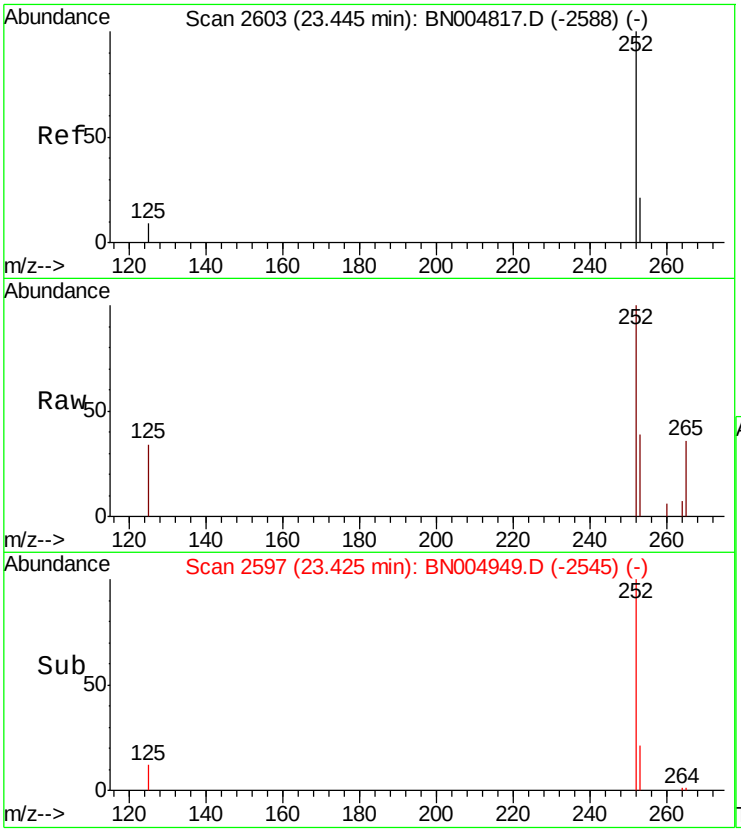


#36
Benzo(k)fluoranthene
Concen: 0.155 ng
RT: 22.85 min Scan# 2429
Delta R.T. -0.06 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:252 Resp: 10285

Ion	Ratio	Lower	Upper
252	100		
253	37.4	19.3	28.9#
125	38.8	7.4	11.0#



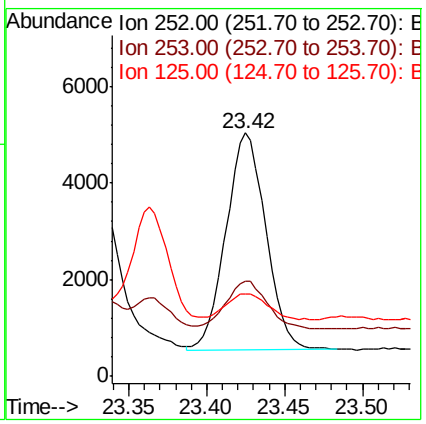


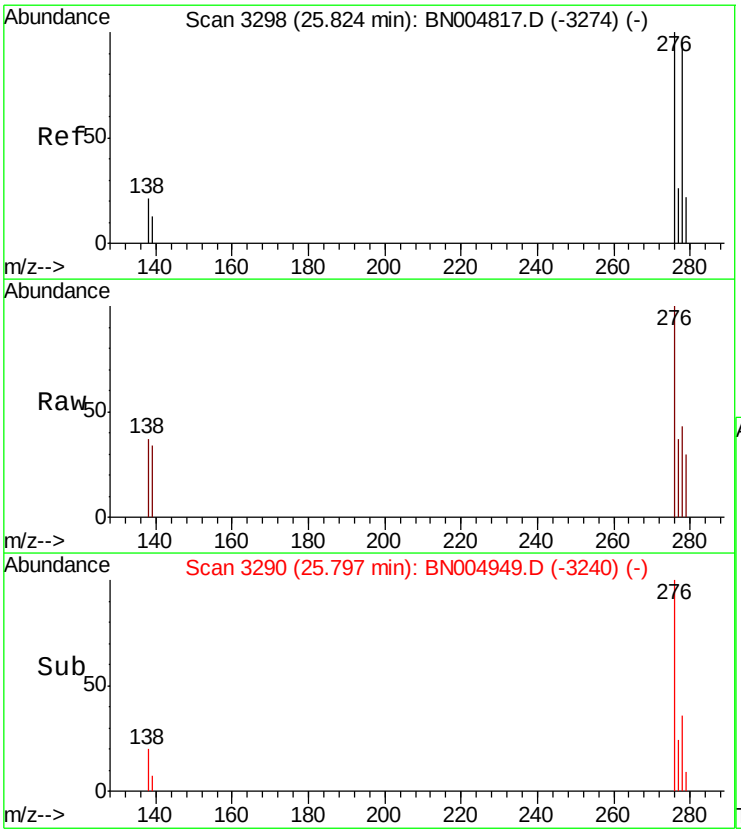
#37
Benzo(a)pyrene
Concen: 0.129 ng
RT: 23.42 min Scan# 2597
Delta R.T. -0.02 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:252 Resp: 8001

Ion	Ratio	Lower	Upper
252	100		
253	39.2	19.7	29.5#
125	33.8	8.3	12.5#

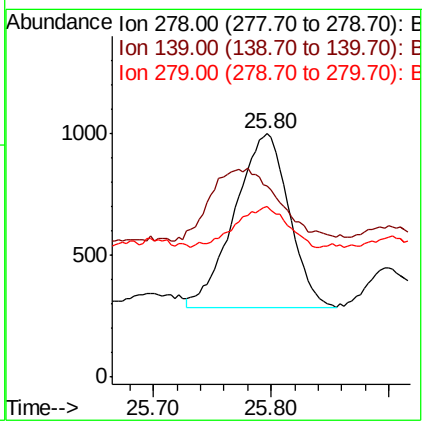


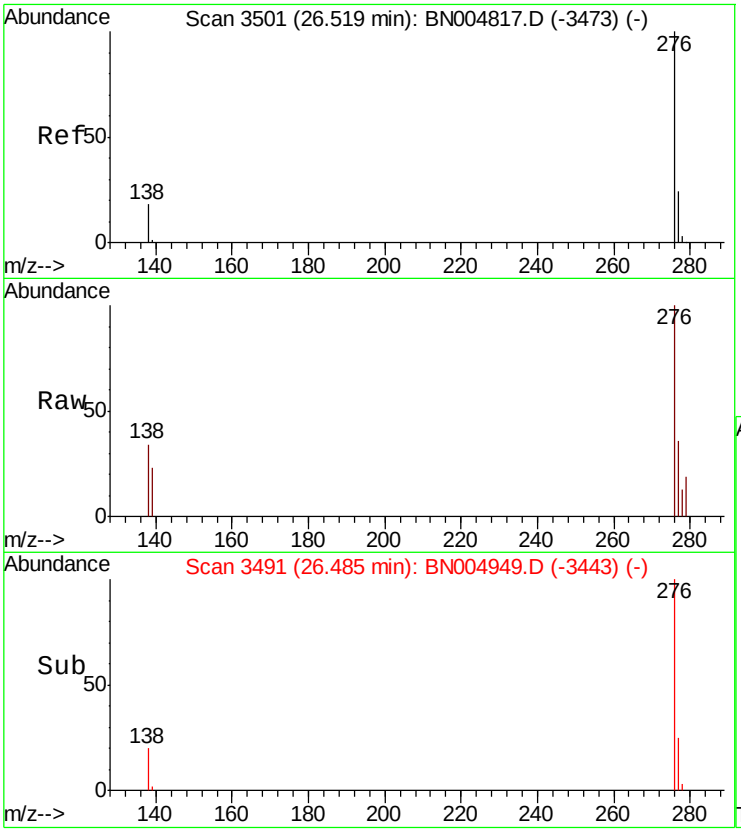


#38
Dibenzo(a,h)anthracene
Concen: 0.032 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Tgt Ion:278 Resp: 2296

Ion	Ratio	Lower	Upper
278	100		
139	78.4	11.7	17.5#
279	69.9	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.098 ng
RT: 26.48 min Scan# 3491
Delta R.T. -0.03 min
Lab File: BN004949.D
Acq: 24 Mar 2019 21:08

Instrument :
BNA_N
ClientSampleId :
PST-026-SW038-031919

Tgt Ion:276 Resp: 7191

Ion	Ratio	Lower	Upper
276	100		
277	36.0	19.7	29.5#
138	33.7	14.6	22.0#