Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN032519\
Data File : BN004965.D
Acq On : 25 Mar 2019 17:43
Operator : JU/SJ
Sample : K2015-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-025-B028-031919

Quant Time: Mar 26 01:56:44 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	4197	0.40	ng		-0.02
7) Naphthalene-d8	10.47	136	16806	0.40	ng		-0.03
13) Acenaphthene-d10	14.32	164	8342	0.40	ng		-0.02
19) Phenanthrene-d10	17.08	188	16526	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	18986	0.40	ng		-0.01
34) Perylene-d12	23.53	264	20710	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	3444	0.30	ng		0.00
5) Phenol-d6	6.86	99	4350	0.31	ng		-0.02
8) Nitrobenzene-d5	8.84	82	3437	0.31	ng		-0.03
11) 2-Methylnaphthalene-d10	12.06	152	7375	0.25	ng		-0.02
14) 2,4,6-Tribromophenol	15.84	330	1317	0.23	ng		-0.01
15) 2-Fluorobiphenyl	12.94	172	9769	0.28	ng		-0.02
25) Fluoranthene-d10	19.12	212	12925	0.23	ng		-0.02
29) Terphenyl-d14	19.71	244	8327	0.21	ng		-0.02
Target Compounds							Qvalue
16) Acenaphthylene	14.05	152	1626	0.038	ng		94
23) Phenanthrene	17.12	178	17902	0.335	ng		98
24) Anthracene	17.22	178	2521	0.053	ng	#	96
26) Fluoranthene	19.15	202	91639	1.336	ng	#	89
28) Pyrene	19.51	202	88307	1.525	ng		97
30) Benzo(a)anthracene	21.26	228	31643	0.508	ng	#	90
31) Chrysene	21.31	228	55500	0.846	ng		94
32) Bis(2-ethylhexyl)phthalate	21.17	149	7290	0.293	ng		98
33) Indeno(1,2,3-cd)pyrene	25.80	276	38802	0.409	ng		98
35) Benzo(b)fluoranthene	22.85	252	77265	1.031	ng	#	89
36) Benzo(k)fluoranthene	22.89	252	25922m	0.352	ng		
37) Benzo(a)pyrene	23.43	252	41010	0.597	ng	#	83
38) Dibenzo(a,h)anthracene	25.80	278	9915	0.125	ng	#	21
39) Benzo(g,h,i)perylene	26.50	276	46287	0.571	ng	#	86

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

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PST-025-B028-031919

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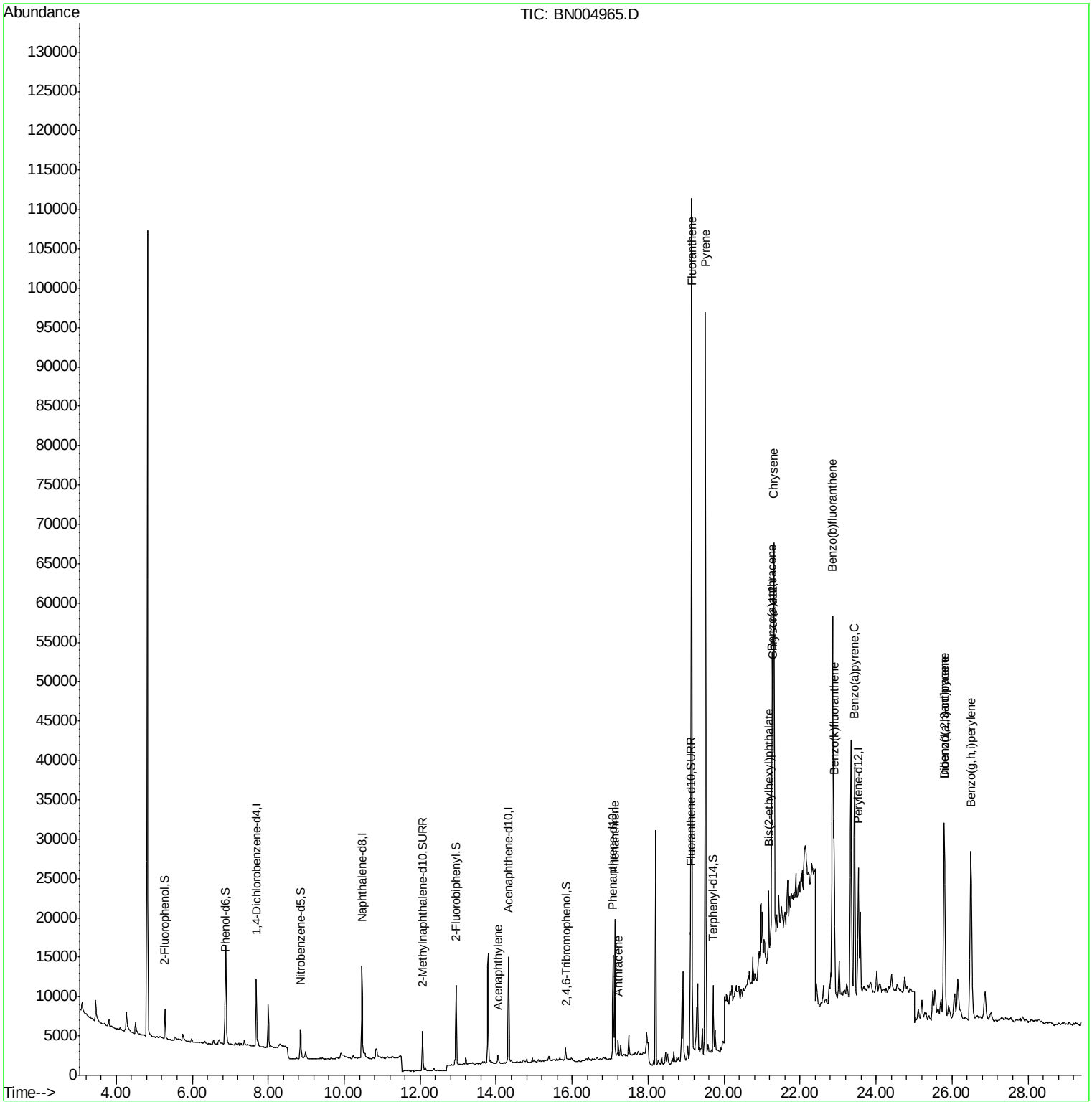
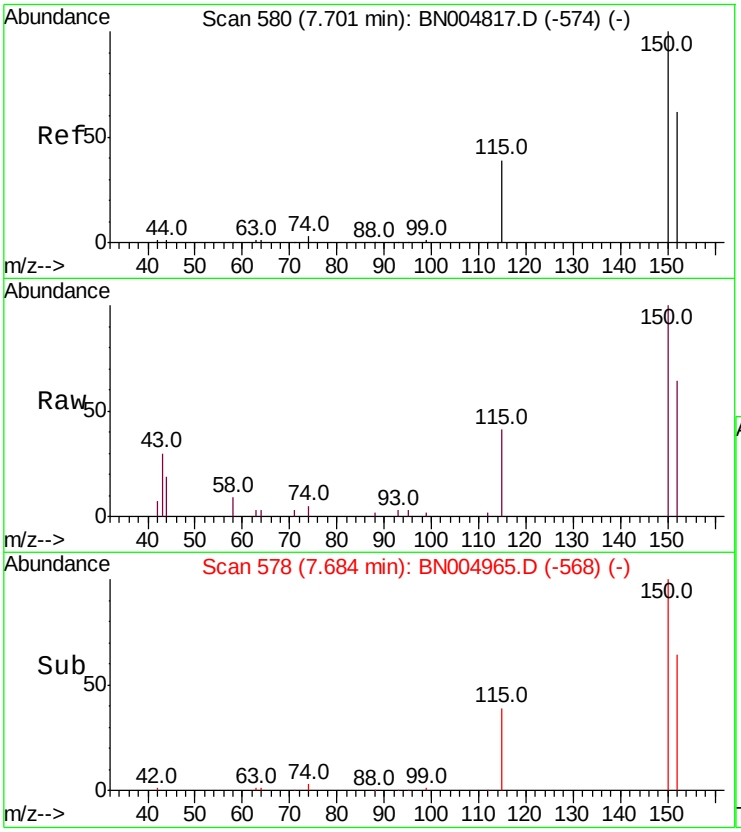


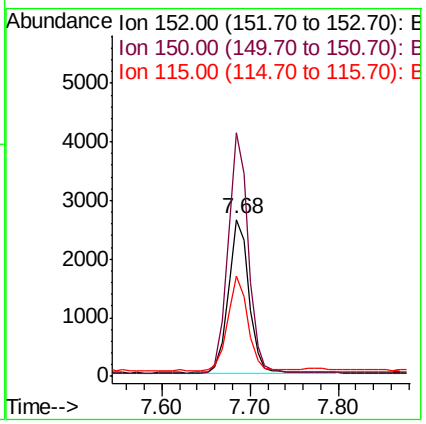


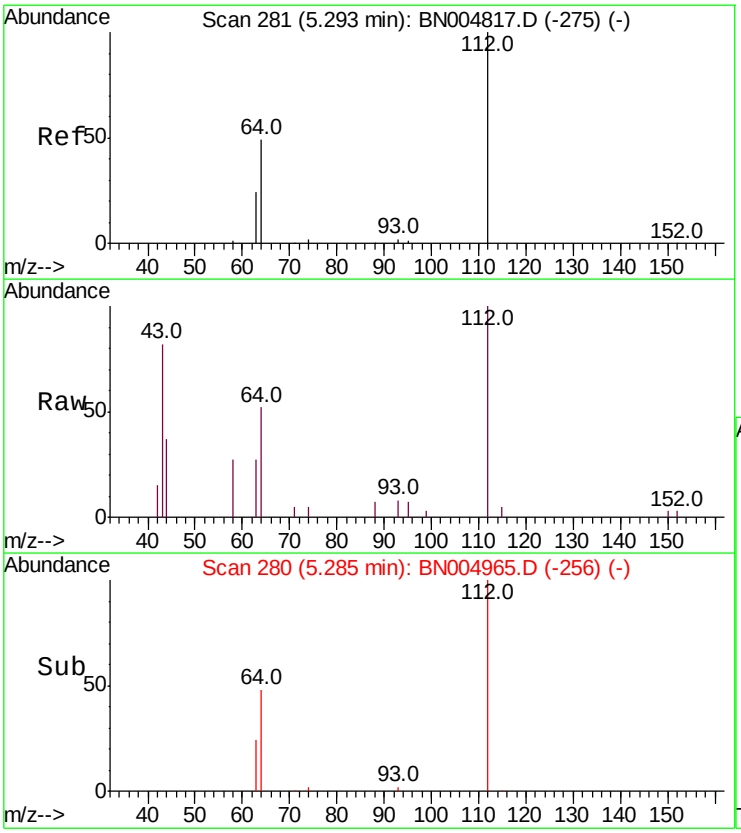
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.68 min Scan# 578
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:152 Resp: 4197

Ion	Ratio	Lower	Upper
152	100		
150	155.3	126.2	189.4
115	63.7	52.6	79.0

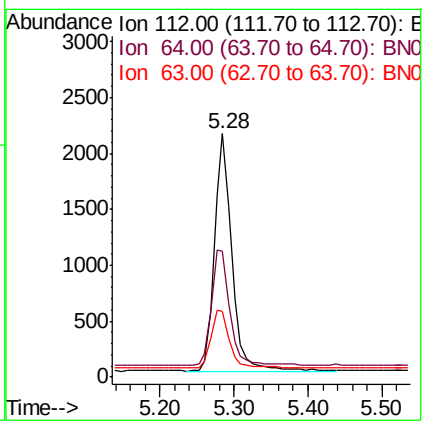


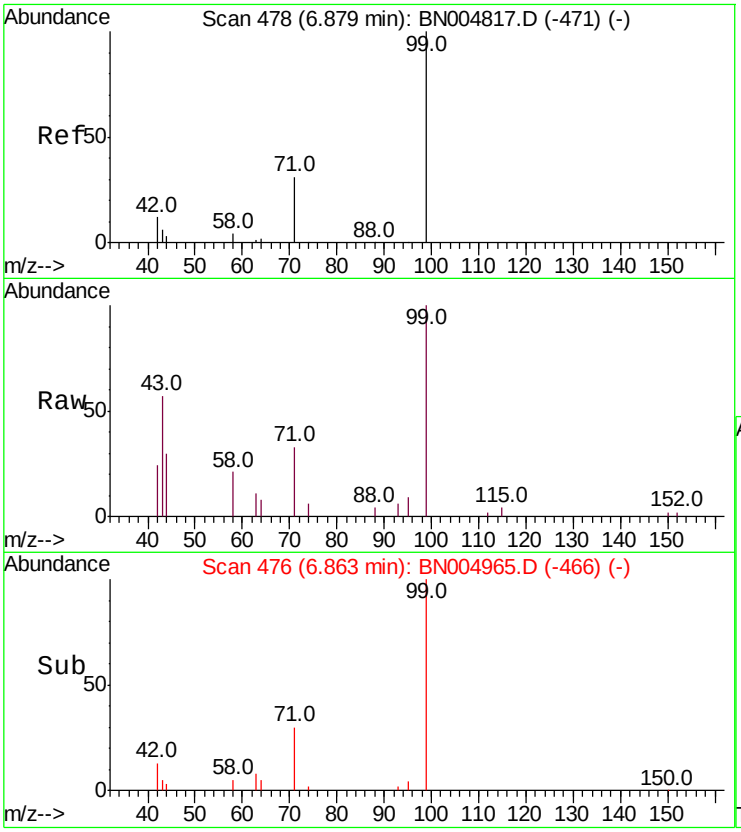


#4
2-Fluorophenol
Concen: 0.302 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:112 Resp: 3444

Ion	Ratio	Lower	Upper
112	100		
64	51.5	40.0	60.0
63	25.8	20.2	30.2



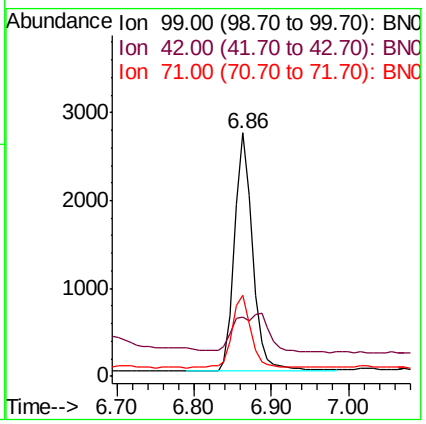


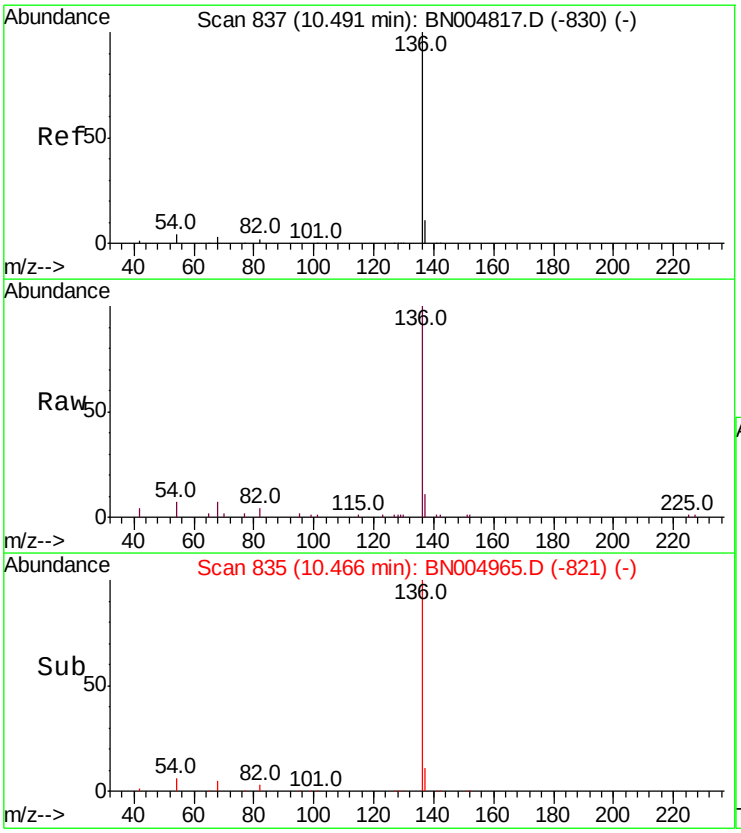
#5
Phenol-d6
Concen: 0.306 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion: 99 Resp: 4350

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.7	19.1#
71	32.1	26.6	40.0

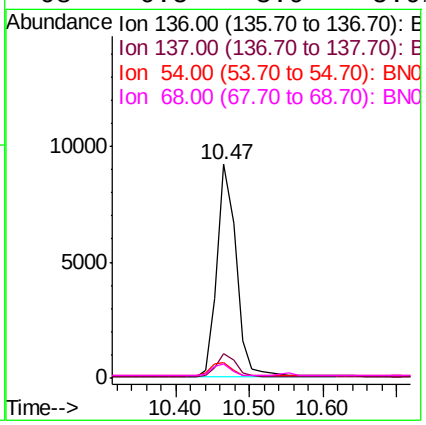


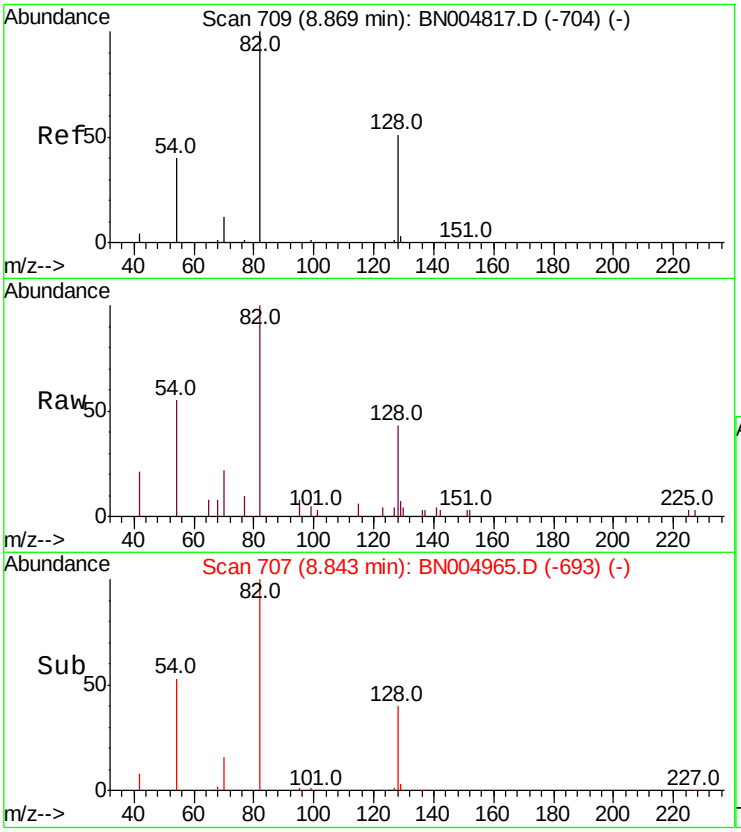


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.47 min Scan# 835
Delta R.T. -0.03 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:136 Resp: 16806

Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.6	14.4
54	7.5	4.2	6.2#
68	6.5	3.9	5.9#



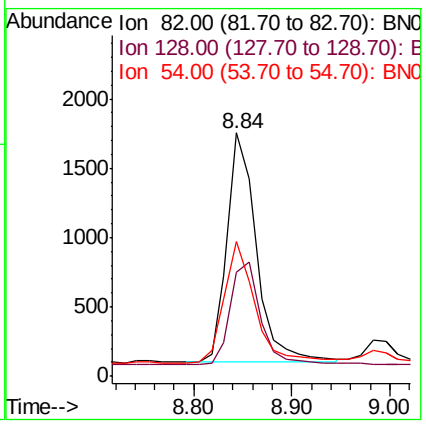


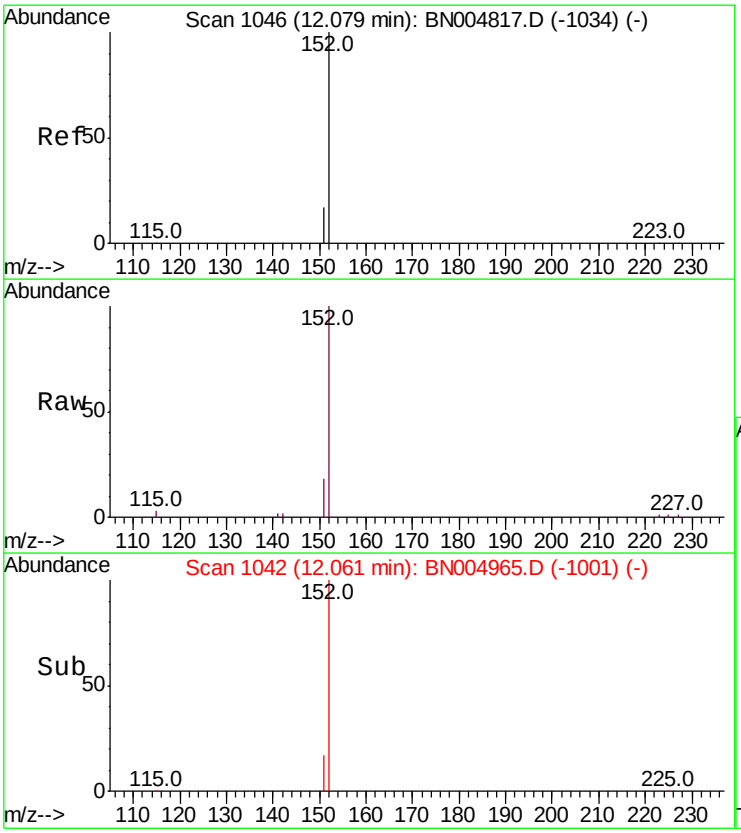
#8
Nitrobenzene-d5
Concen: 0.309 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion: 82 Resp: 3437

Ion	Ratio	Lower	Upper
82	100		
128	42.8	43.0	64.6#
54	55.1	35.3	52.9#

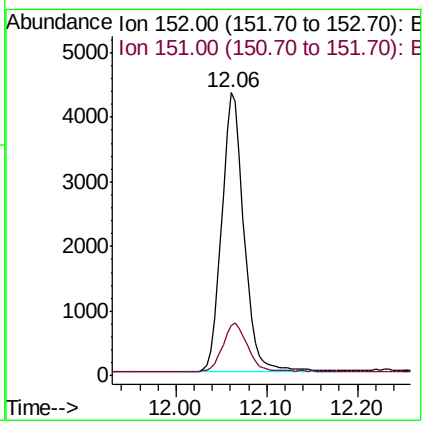


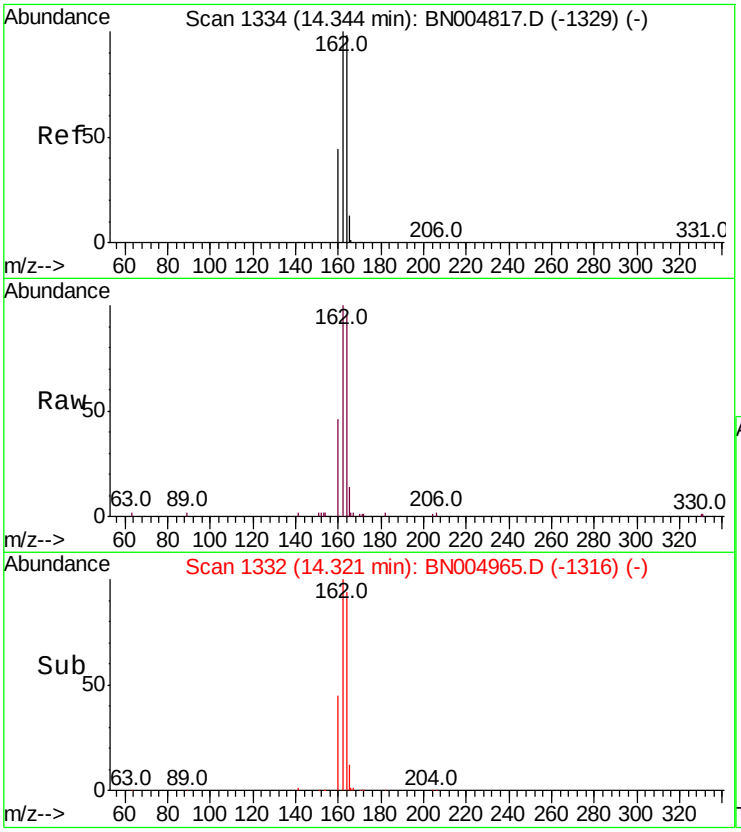


#11
2-Methylnaphthalene-d10
Concen: 0.251 ng
RT: 12.06 min Scan# 1042
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:152 Resp: 7375

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.5	23.3



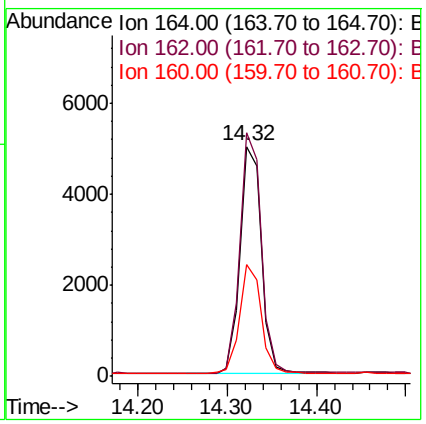


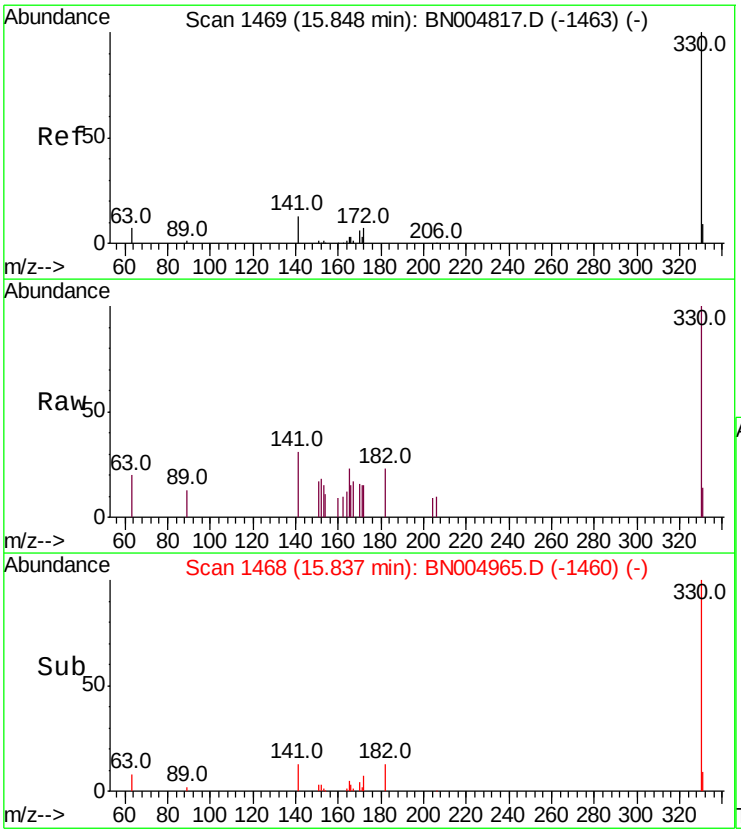
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.32 min Scan# 1332
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:164 Resp: 8342

Ion	Ratio	Lower	Upper
164	100		
162	105.8	81.9	122.9
160	48.7	36.6	54.8

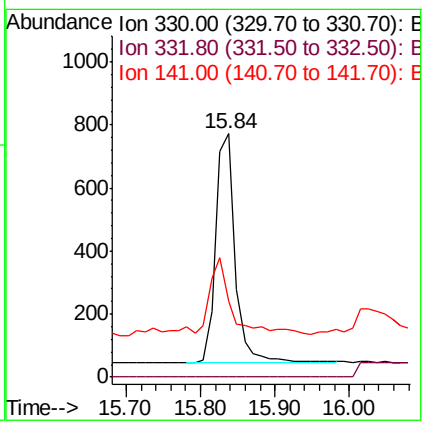


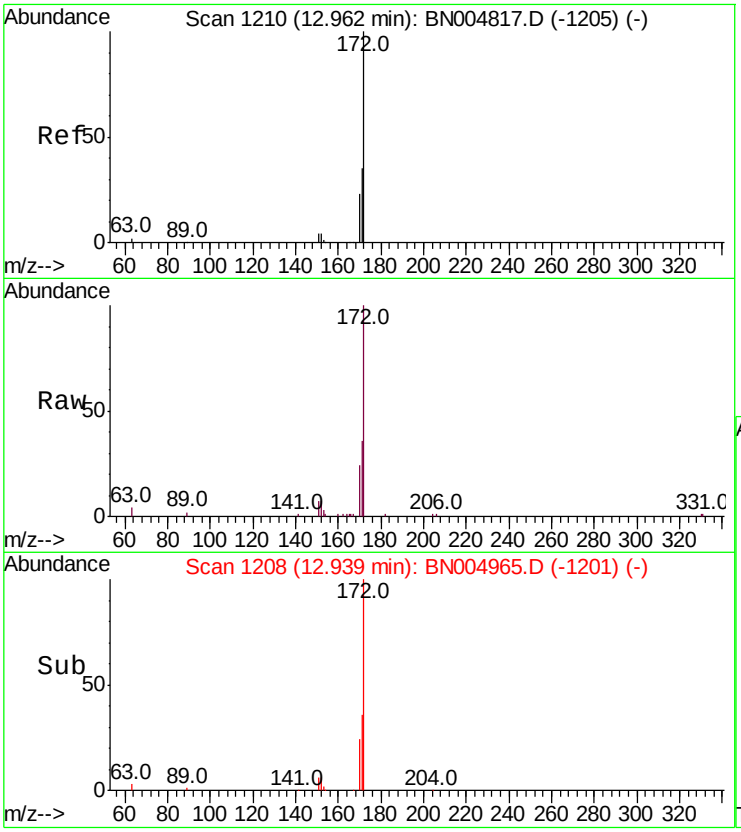


#14
2,4,6-Tribromophenol
Concen: 0.229 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:330 Resp: 1317

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	38.6	20.9	31.3#



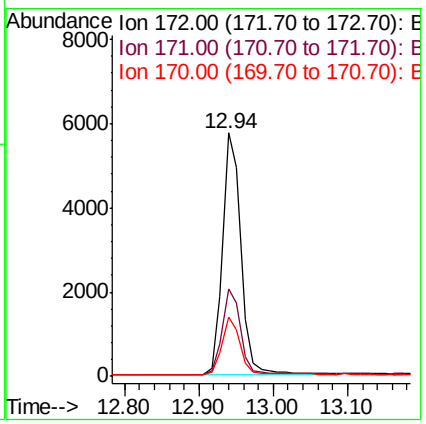


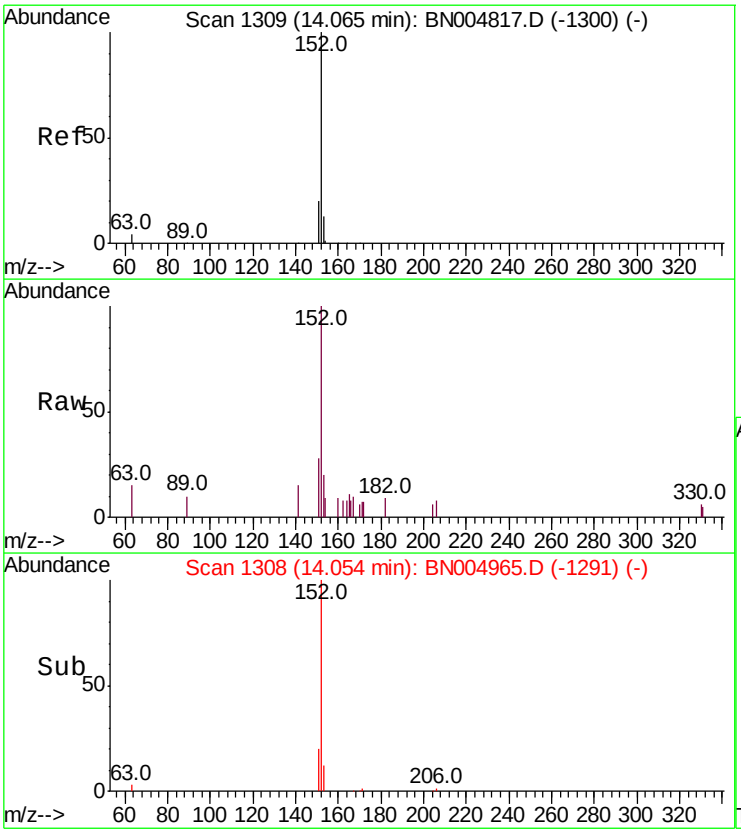
#15
2-Fluorobiphenyl
Concen: 0.283 ng
RT: 12.94 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:172 Resp: 9769

Ion	Ratio	Lower	Upper
172	100		
171	36.1	28.7	43.1
170	24.5	18.7	28.1

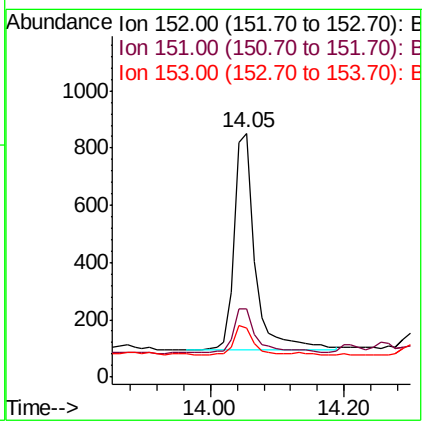


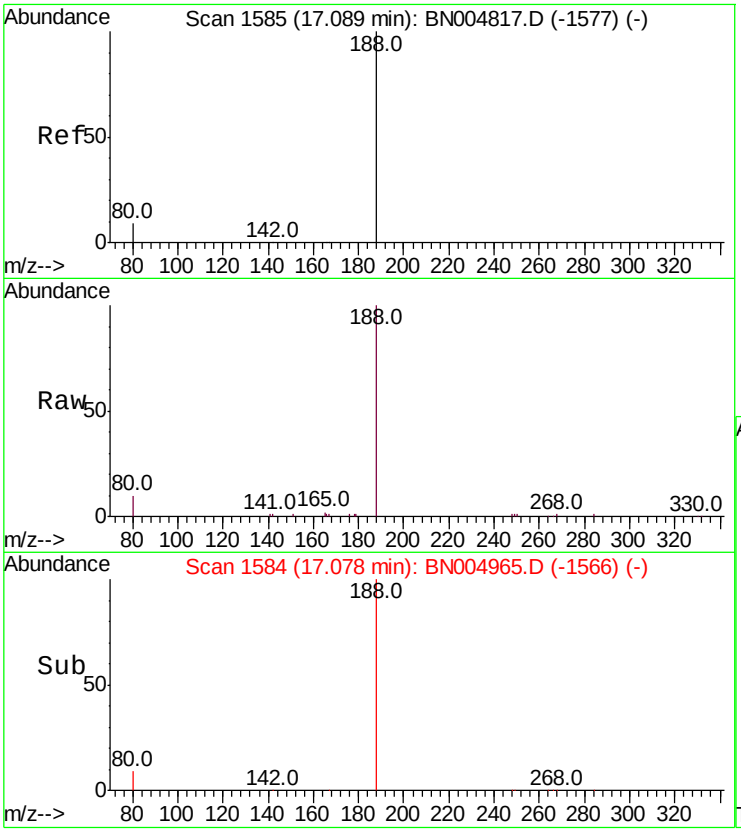


#16
Acenaphthylene
Concen: 0.038 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:152 Resp: 1626

Ion	Ratio	Lower	Upper
152	100		
151	24.0	16.1	24.1
153	13.6	10.5	15.7



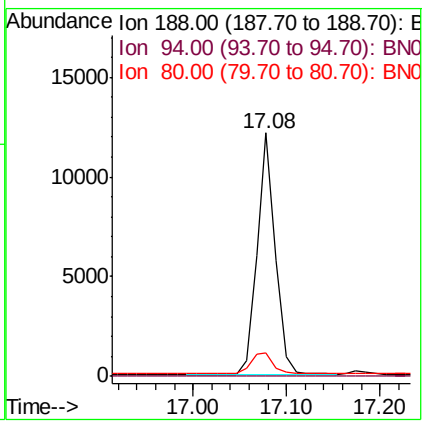


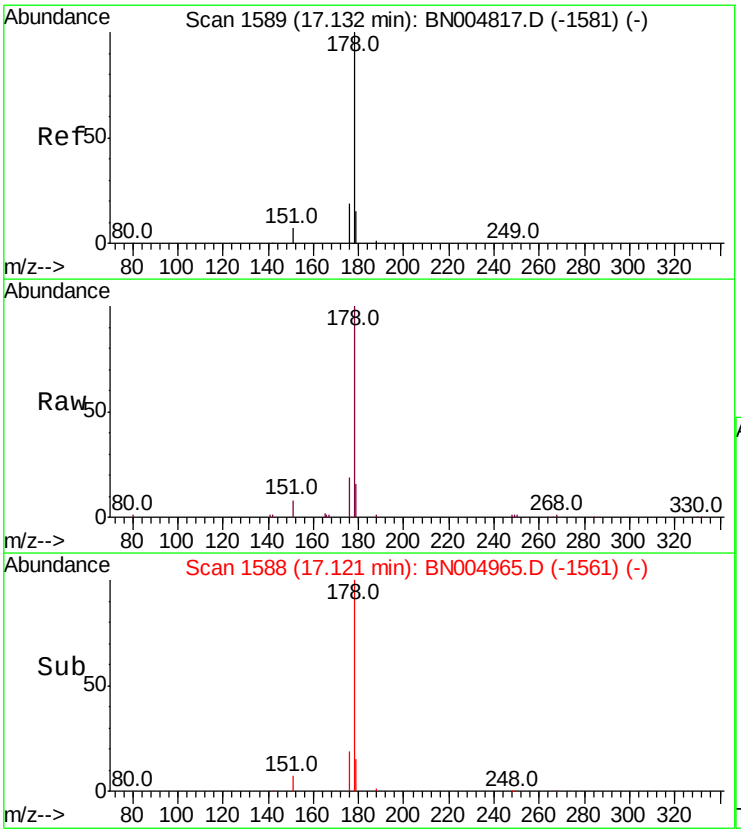
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:188 Resp: 16526

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.7	7.4	11.2

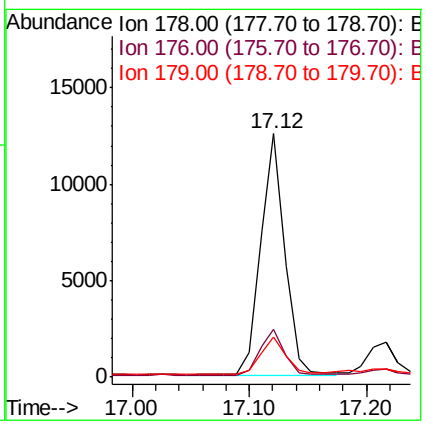


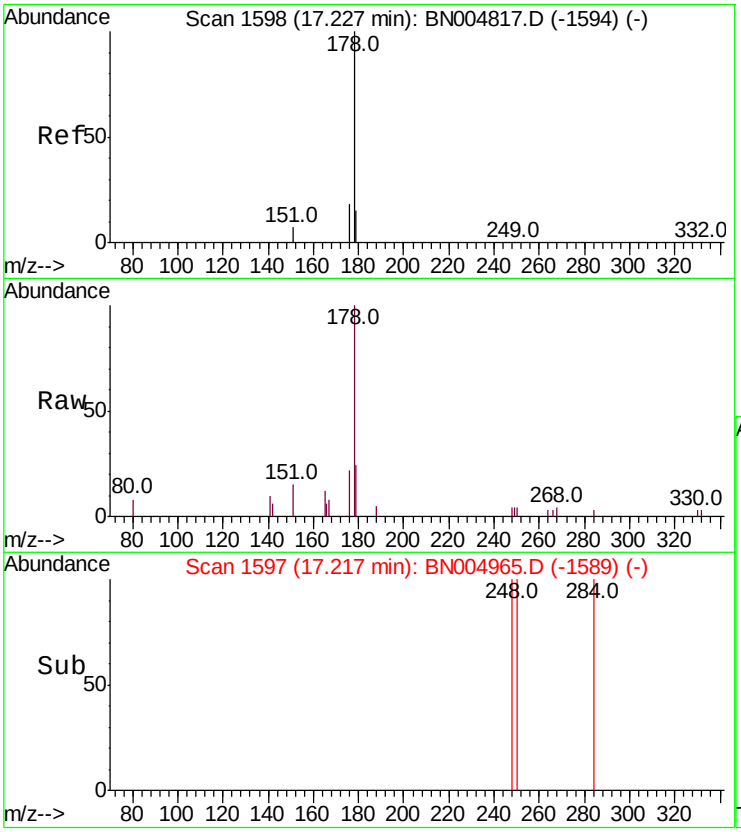


#23
Phenanthrene
Concen: 0.335 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:178 Resp: 17902

Ion	Ratio	Lower	Upper
178	100		
176	18.8	14.9	22.3
179	16.5	12.1	18.1



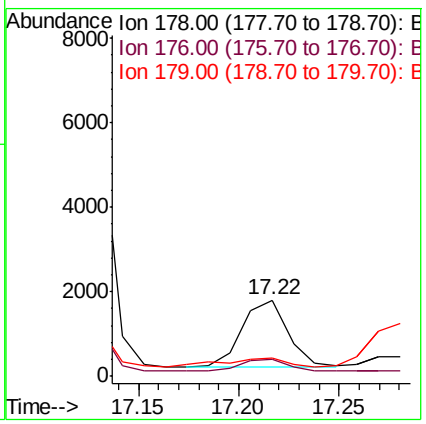


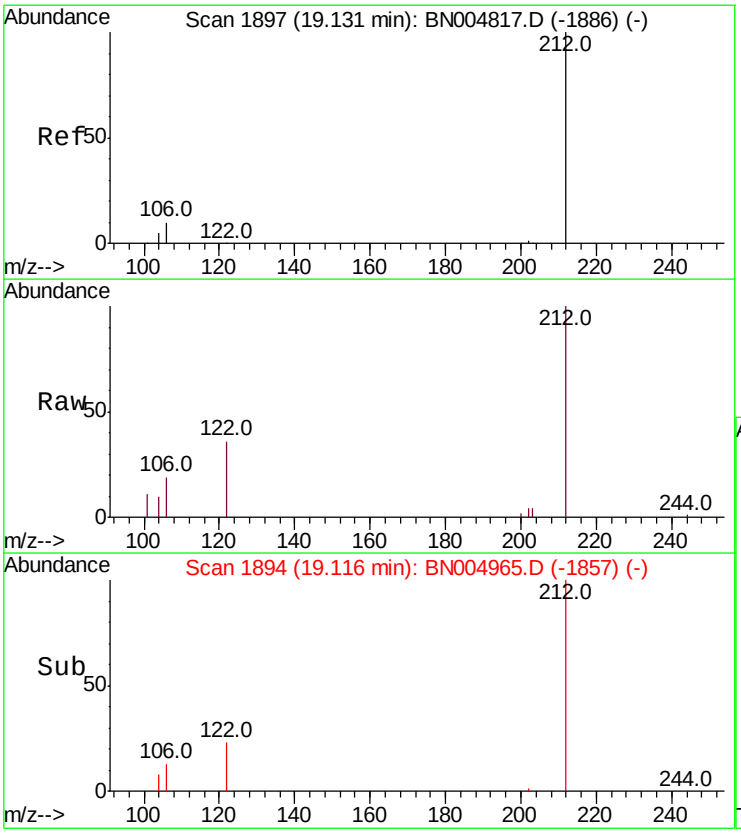
#24
Anthracene
Concen: 0.053 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:178 Resp: 2521

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.5	21.7
179	19.2	12.2	18.4#

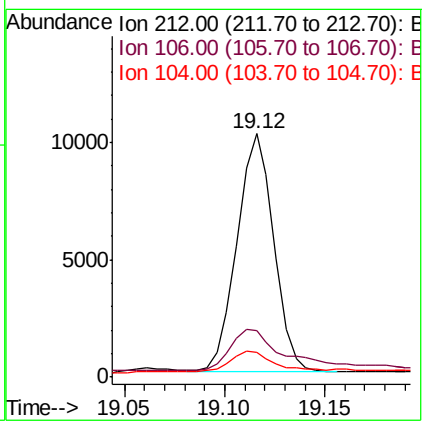


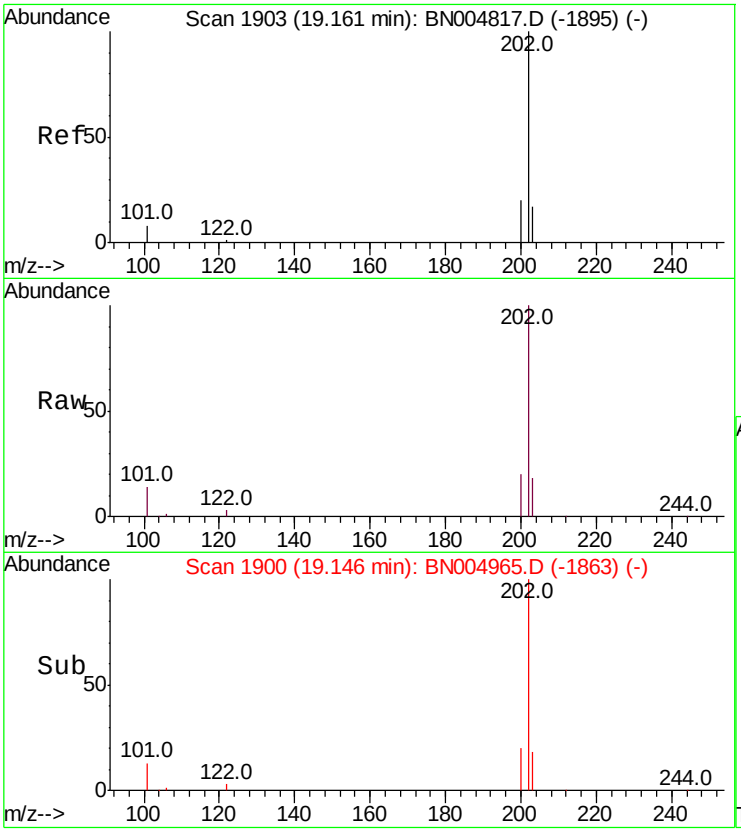


#25
Fluoranthene-d10
Concen: 0.234 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:212 Resp: 12925

Ion	Ratio	Lower	Upper
212	100		
106	32.5	8.6	13.0#
104	12.6	4.7	7.1#



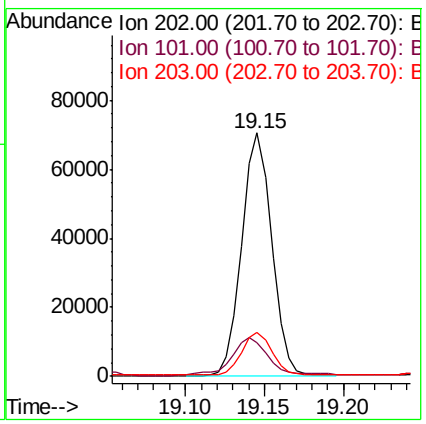


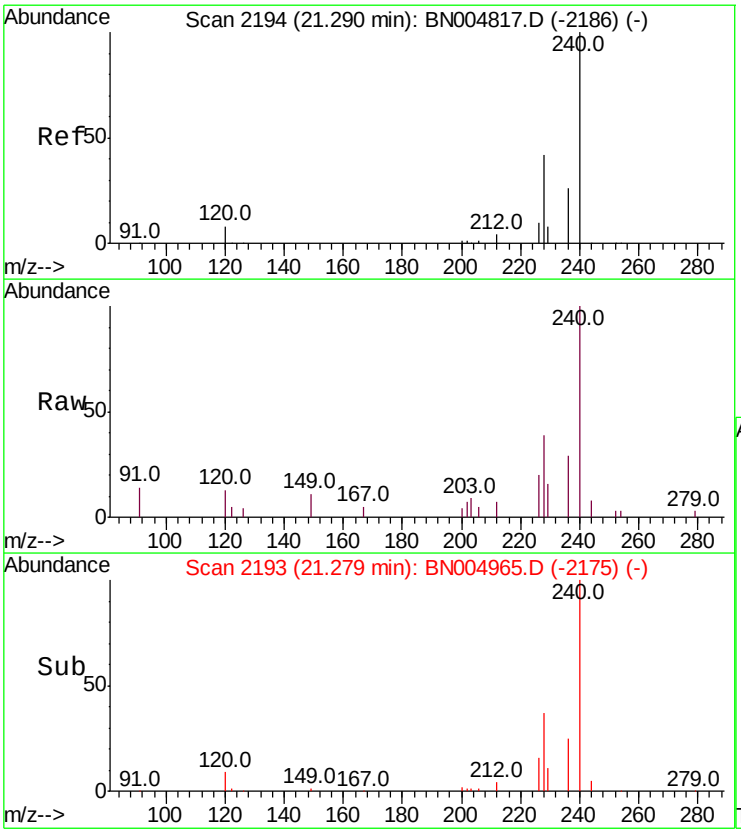
#26
Fluoranthene
Concen: 1.336 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:202 Resp: 91639

Ion	Ratio	Lower	Upper
202	100		
101	20.4	7.5	11.3#
203	17.8	13.8	20.6

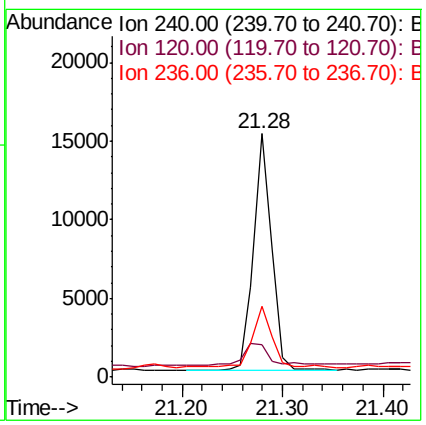


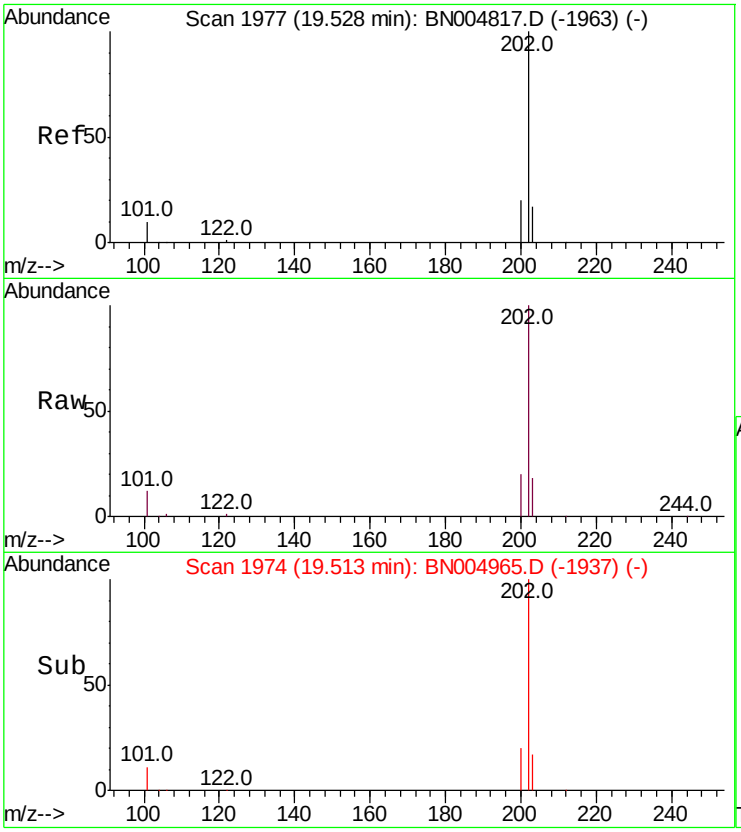


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:240 Resp: 18986

Ion	Ratio	Lower	Upper
240	100		
120	13.4	7.2	10.8#
236	29.1	20.9	31.3



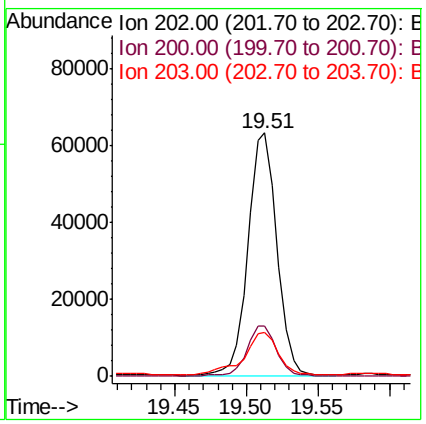


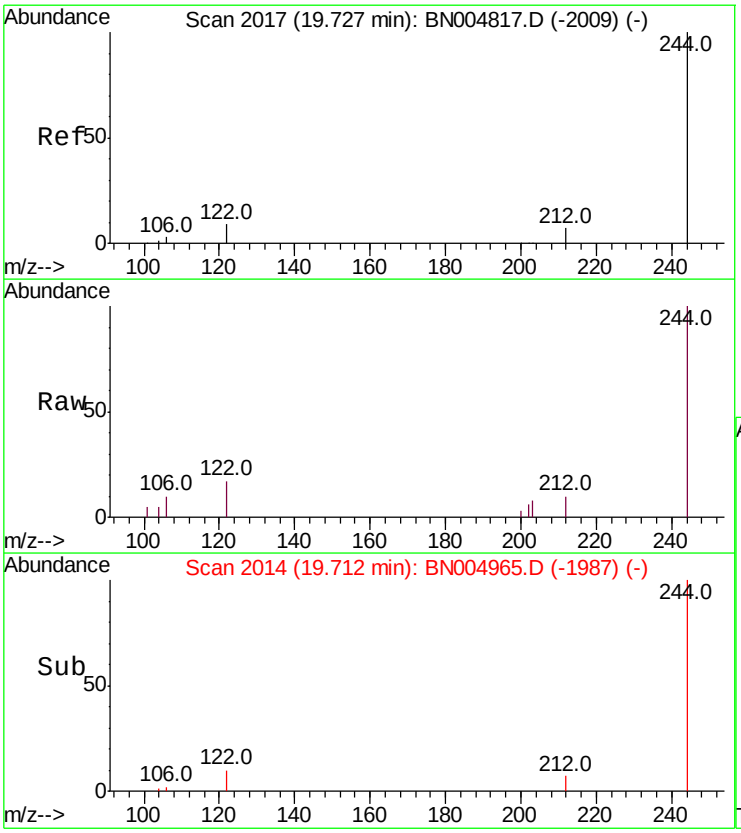
#28
Pyrene
Concen: 1.525 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:202 Resp: 88307

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

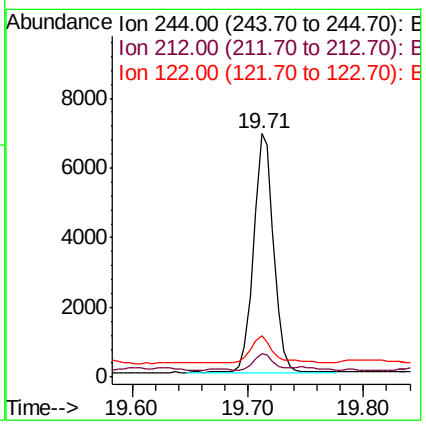


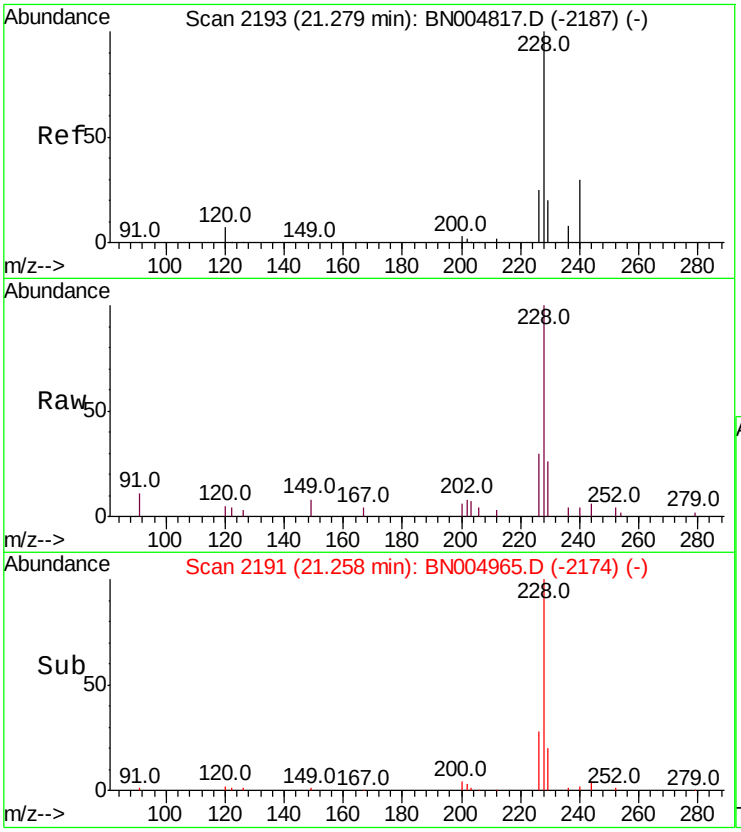


#29
Terphenyl-d14
Concen: 0.214 ng
RT: 19.71 min Scan# 2014
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:244 Resp: 8327

Ion	Ratio	Lower	Upper
244	100		
212	9.8	5.8	8.6#
122	16.9	7.9	11.9#



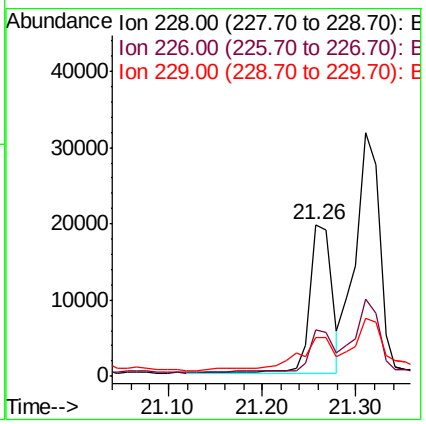


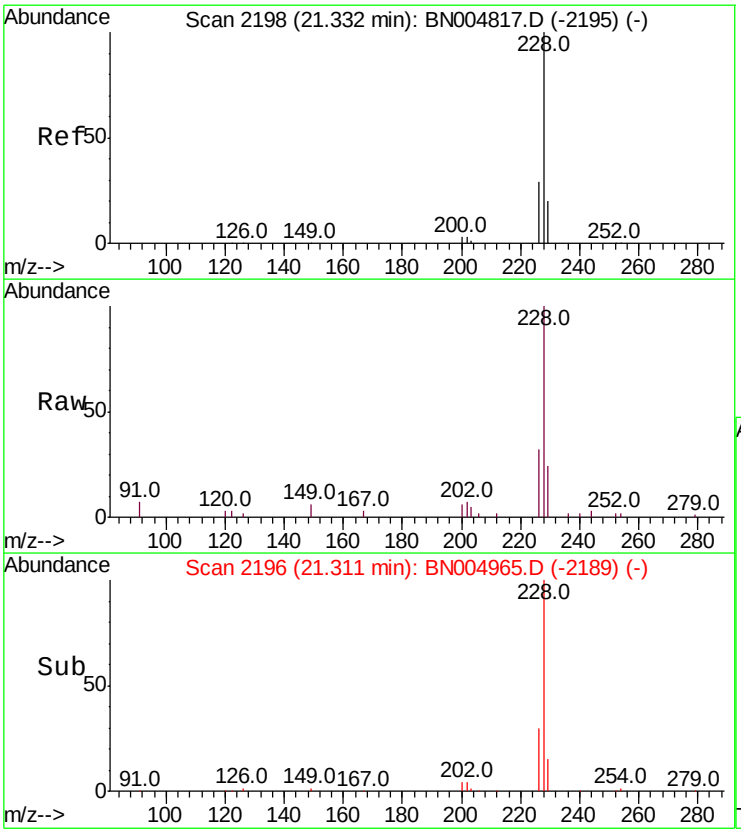
#30
Benzo(a)anthracene
Concen: 0.508 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:228 Resp: 31643

Ion	Ratio	Lower	Upper
228	100		
226	30.4	20.6	31.0
229	25.5	16.2	24.4#

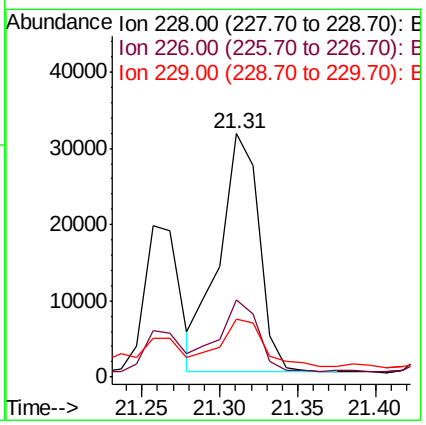


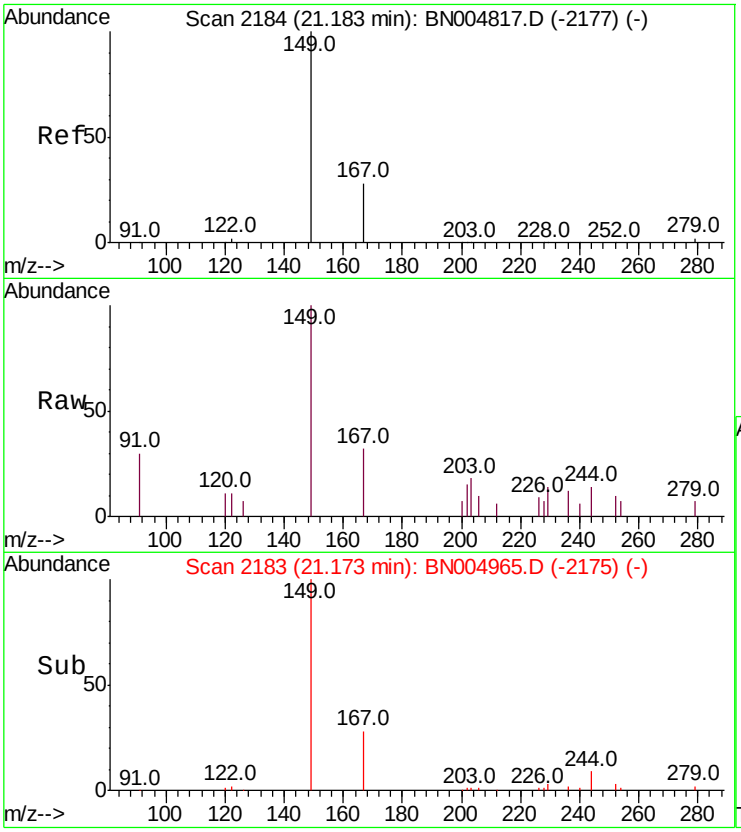


#31
Chrysene
Concen: 0.846 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:228 Resp: 55500

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.0	34.6
229	23.6	16.2	24.2



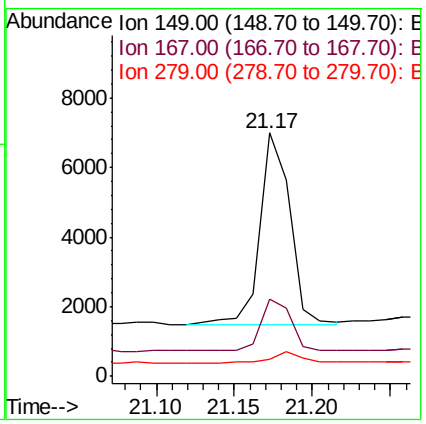


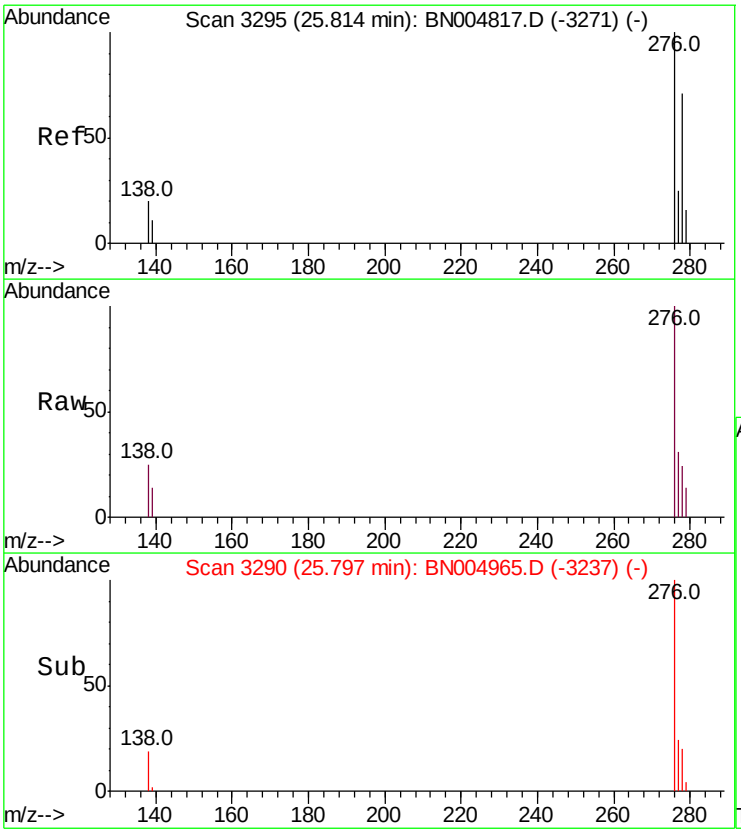
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.293 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:149 Resp: 7290

Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.0	34.4
279	6.1	4.6	6.8

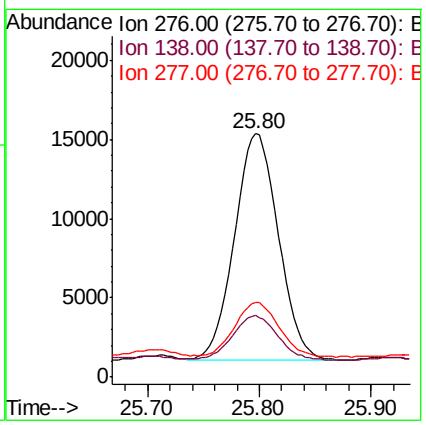


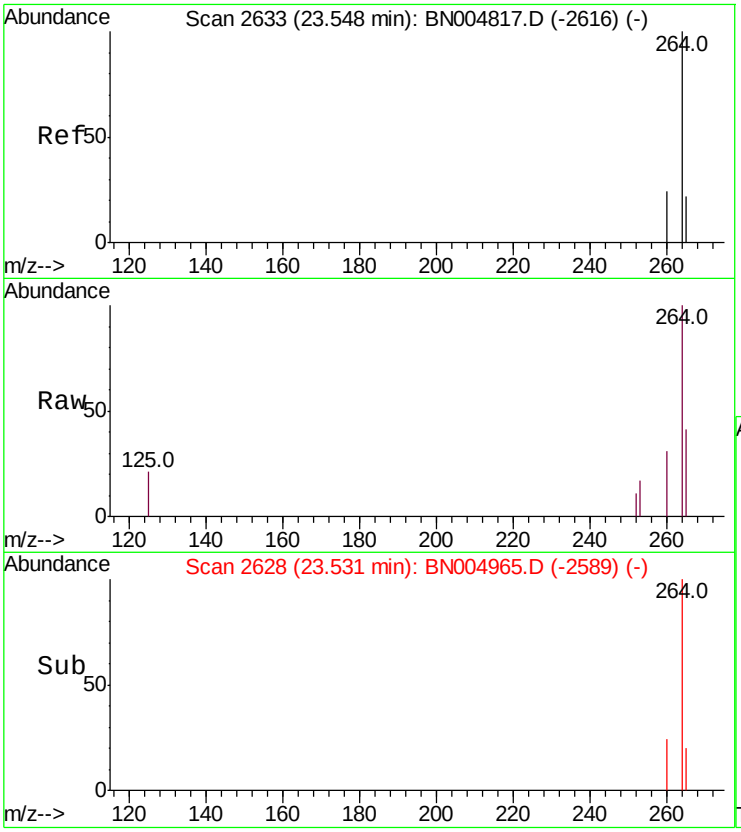


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:276 Resp: 38802

Ion	Ratio	Lower	Upper
276	100		
138	19.9	16.6	24.8
277	24.5	20.3	30.5



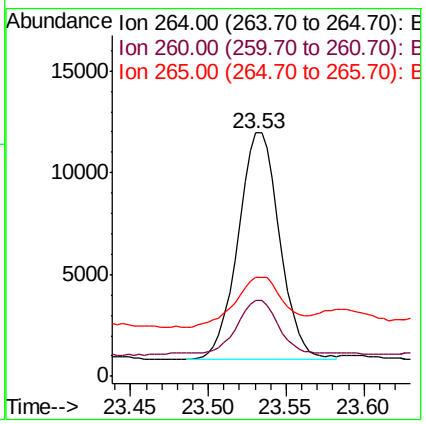


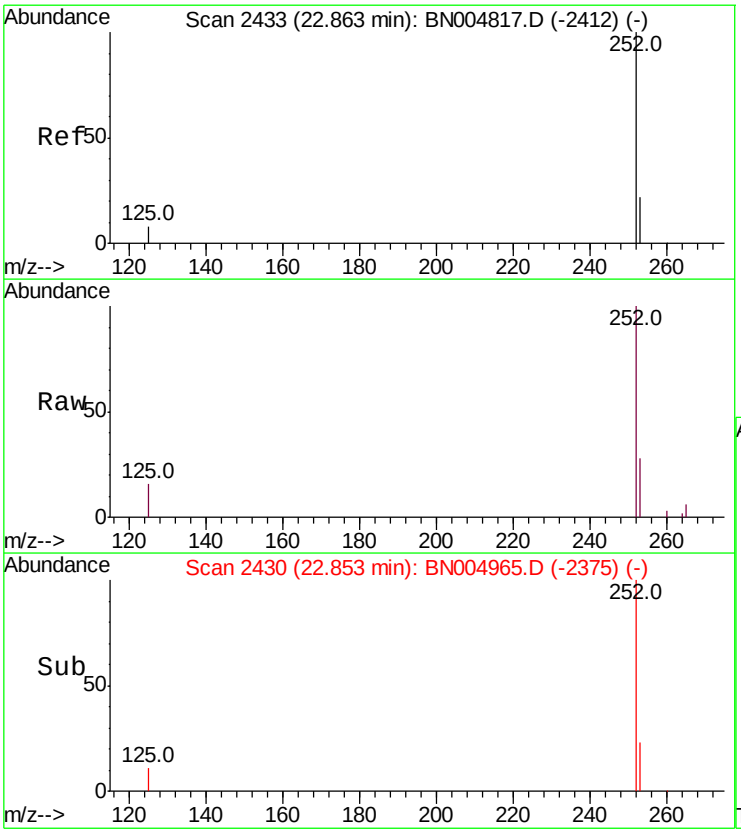
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2628
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:264 Resp: 20710

Ion	Ratio	Lower	Upper
264	100		
260	31.3	19.5	29.3#
265	40.8	23.1	34.7#

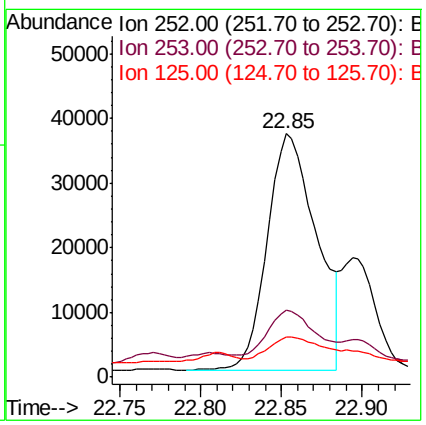


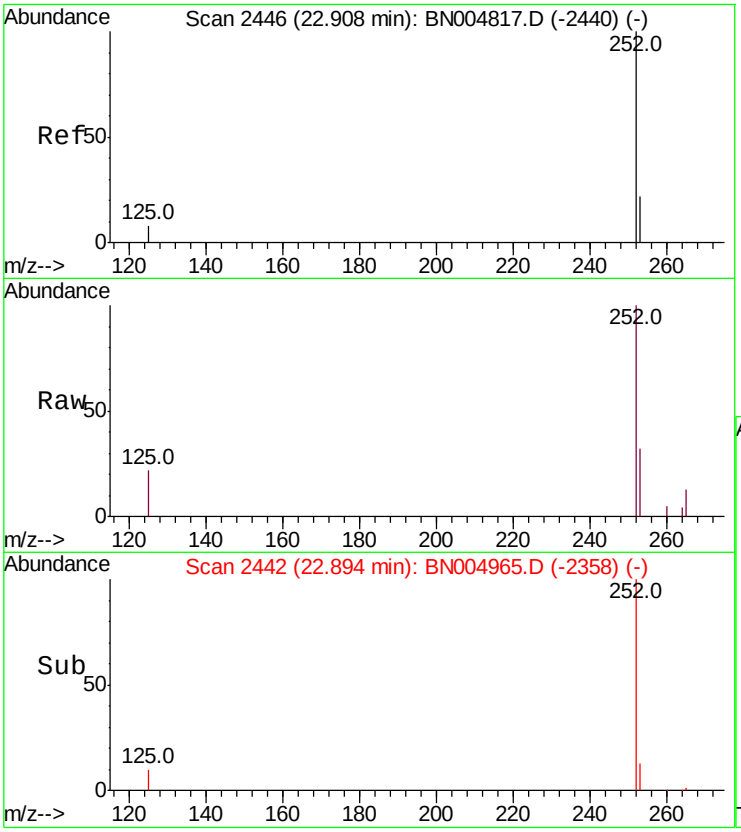


#35
Benzo(b)fluoranthene
Concen: 1.031 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:252 Resp: 77265

Ion	Ratio	Lower	Upper
252	100		
253	27.6	19.0	28.4
125	16.3	7.4	11.2#



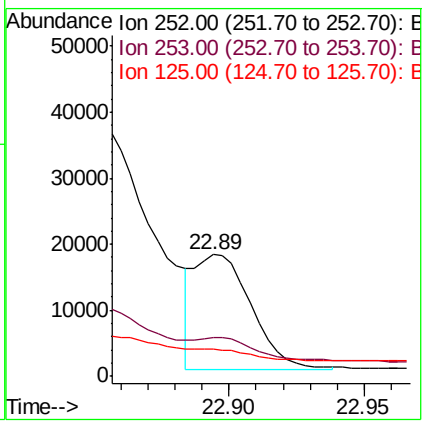


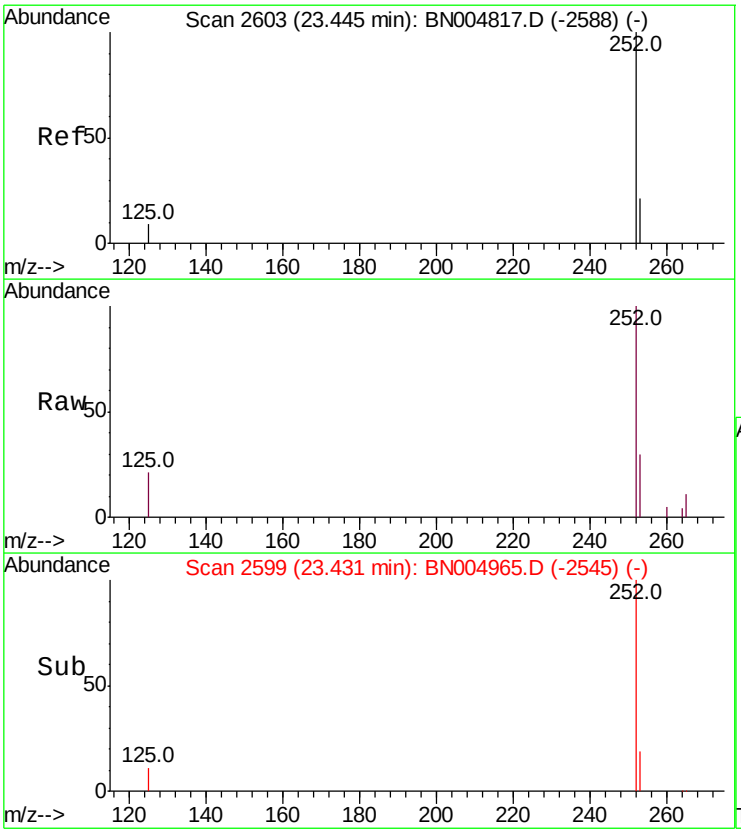
#36
Benzo(k)fluoranthene
Concen: 0.352 ng m
RT: 22.89 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:252 Resp: 25922

Ion	Ratio	Lower	Upper
252	100		
253	31.6	19.3	28.9#
125	22.2	7.4	11.0#

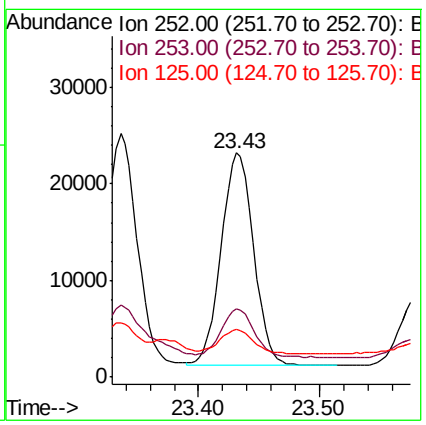


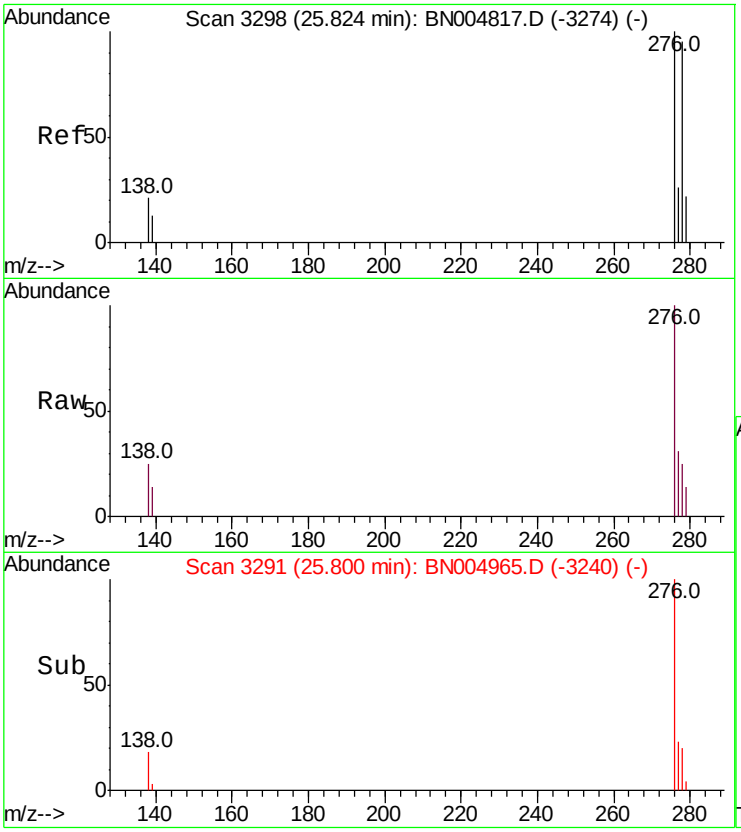


#37
Benzo(a)pyrene
Concen: 0.597 ng
RT: 23.43 min Scan# 2599
Delta R.T. -0.01 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:252 Resp: 41010

Ion	Ratio	Lower	Upper
252	100		
253	30.3	19.7	29.5#
125	21.2	8.3	12.5#



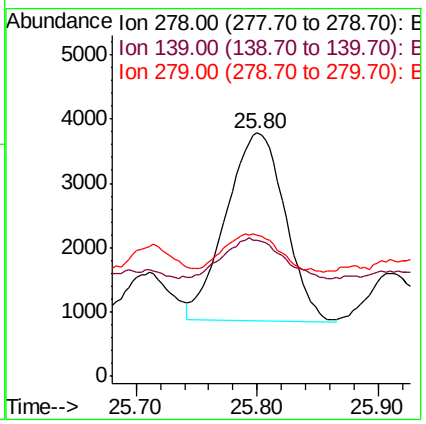


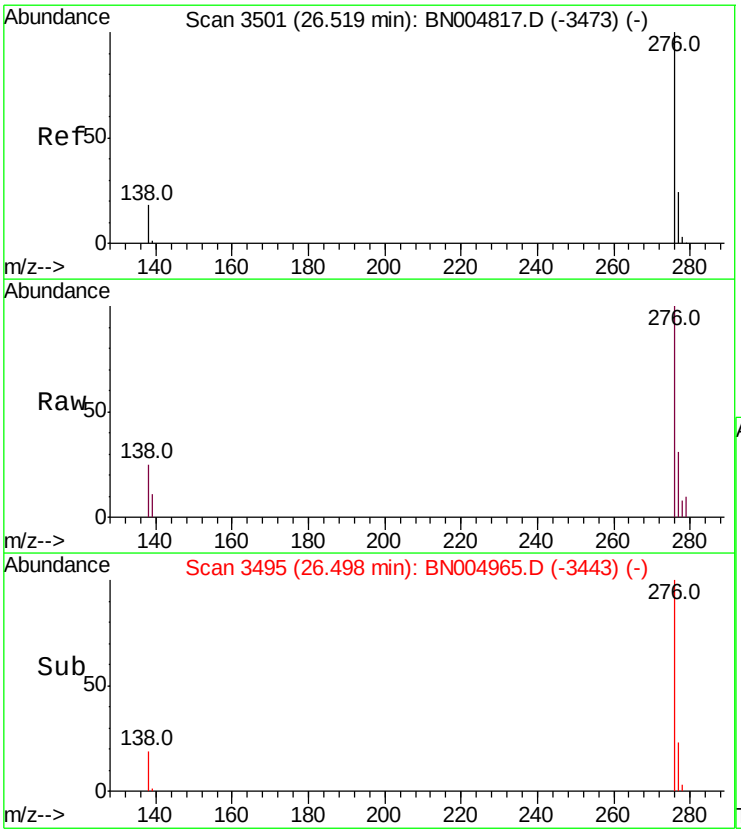
#38
Dibenzo(a,h)anthracene
Concen: 0.125 ng
RT: 25.80 min Scan# 3291
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Instrument :
BNA_N
ClientSampleId :
PST-025-B028-031919

Tgt Ion:278 Resp: 9915

Ion	Ratio	Lower	Upper
278	100		
139	56.2	11.7	17.5#
279	58.1	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.571 ng
RT: 26.50 min Scan# 3495
Delta R.T. -0.02 min
Lab File: BN004965.D
Acq: 25 Mar 2019 17:43

Tgt Ion:276 Resp: 46287

Ion	Ratio	Lower	Upper
276	100		
277	30.6	19.7	29.5#
138	25.2	14.6	22.0#