Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
Data File : BN004926.D
Acq On : 23 Mar 2019 18:29
Operator : JU/SJ
Sample : K2015-11
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-025-SW038-031919

Quant Time: Mar 24 01:01:24 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	7.69	152	1588	0.40	ng		0.00
7) Naphthalene-d8	10.48	136	6588	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	3704	0.40	ng		-0.01
19) Phenanthrene-d10	17.08	188	8733	0.40	ng		-0.01
27) Chrysene-d12	21.28	240	12552	0.40	ng		-0.01
34) Perylene-d12	23.53	264	16206	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.28	112	1906	0.44	ng		0.00
5) Phenol-d6	6.86	99	2408	0.45	ng		-0.02
8) Nitrobenzene-d5	8.84	82	1915	0.44	ng		-0.03
11) 2-Methylnaphthalene-d10	12.07	152	3940	0.34	ng		-0.01
14) 2,4,6-Tribromophenol	15.84	330	958	0.37	ng		-0.01
15) 2-Fluorobiphenyl	12.95	172	5351	0.35	ng		-0.01
25) Fluoranthene-d10	19.12	212	10014	0.34	ng		-0.02
29) Terphenyl-d14	19.72	244	6441	0.25	ng		-0.01
Target Compounds							Qvalue
16) Acenaphthylene	14.05	152	1282	0.067	ng	#	96
23) Phenanthrene	17.12	178	5760	0.204	ng		97
24) Anthracene	17.22	178	1243	0.049	ng		98
26) Fluoranthene	19.15	202	18134	0.500	ng	#	97
28) Pyrene	19.51	202	17041	0.445	ng	#	96
30) Benzo(a)anthracene	21.26	228	11684	0.284	ng		94
31) Chrysene	21.31	228	11310	0.261	ng		94
32) Bis(2-ethylhexyl)phthalate	21.17	149	3461	0.210	ng		97
33) Indeno(1,2,3-cd)pyrene	25.79	276	11418	0.182	ng		98
35) Benzo(b)fluoranthene	22.85	252	19401	0.331	ng	#	79
36) Benzo(k)fluoranthene	22.85	252	19401	0.336	ng	#	80
37) Benzo(a)pyrene	23.43	252	13554	0.252	ng	#	87
38) Dibenzo(a,h)anthracene	25.80	278	2934	0.047	ng	#	30
39) Benzo(g,h,i)perylene	26.49	276	11699	0.184	ng	#	91

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN032319\
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EXT-025-SW038-031919

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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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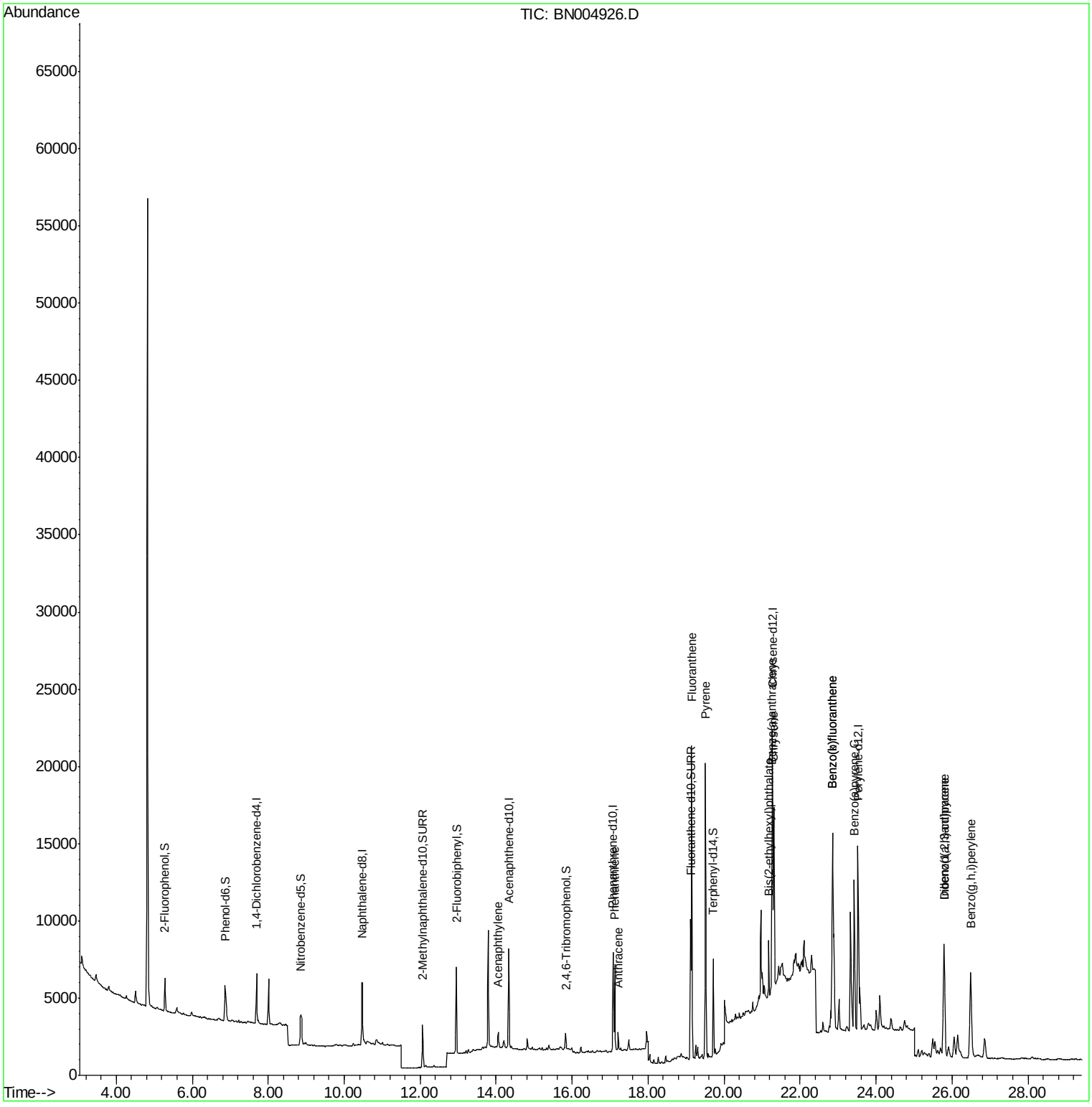
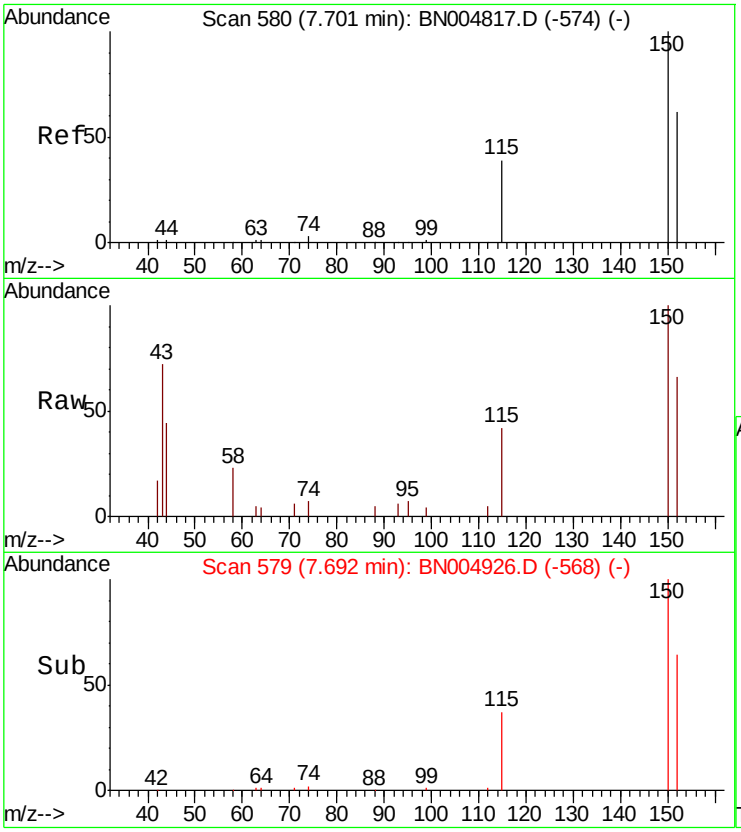


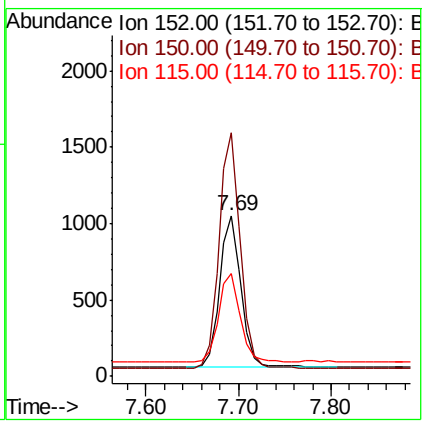


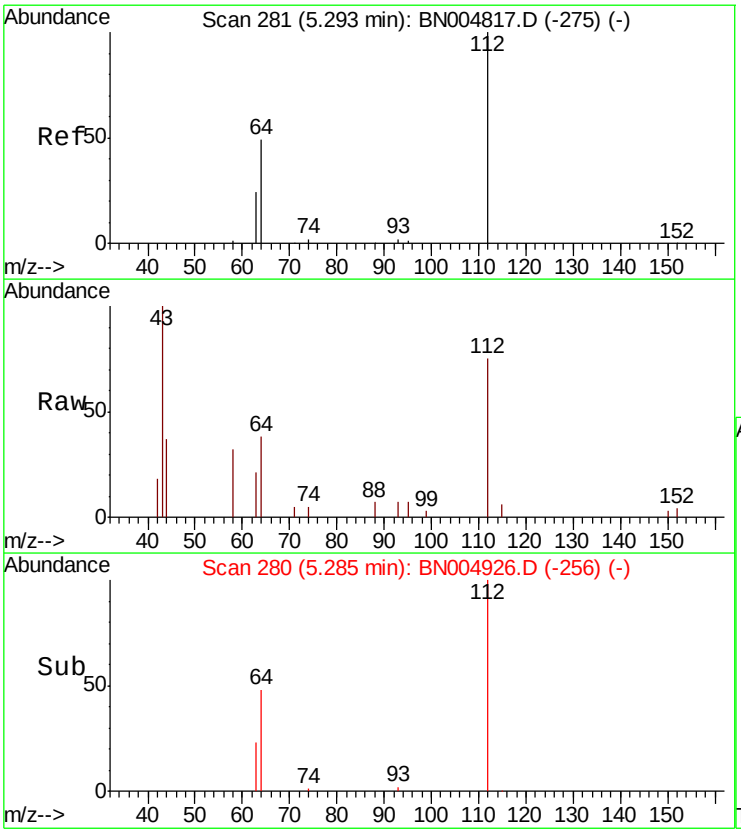
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 579
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:152 Resp: 1588

Ion	Ratio	Lower	Upper
152	100		
150	151.5	126.2	189.4
115	63.8	52.6	79.0

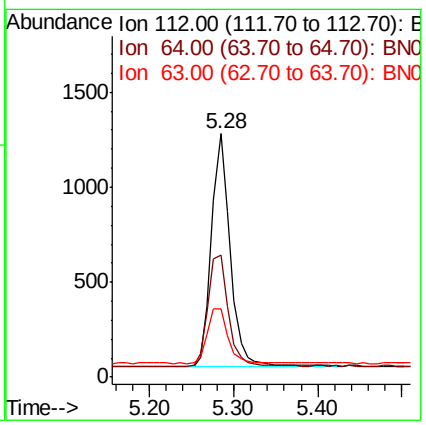


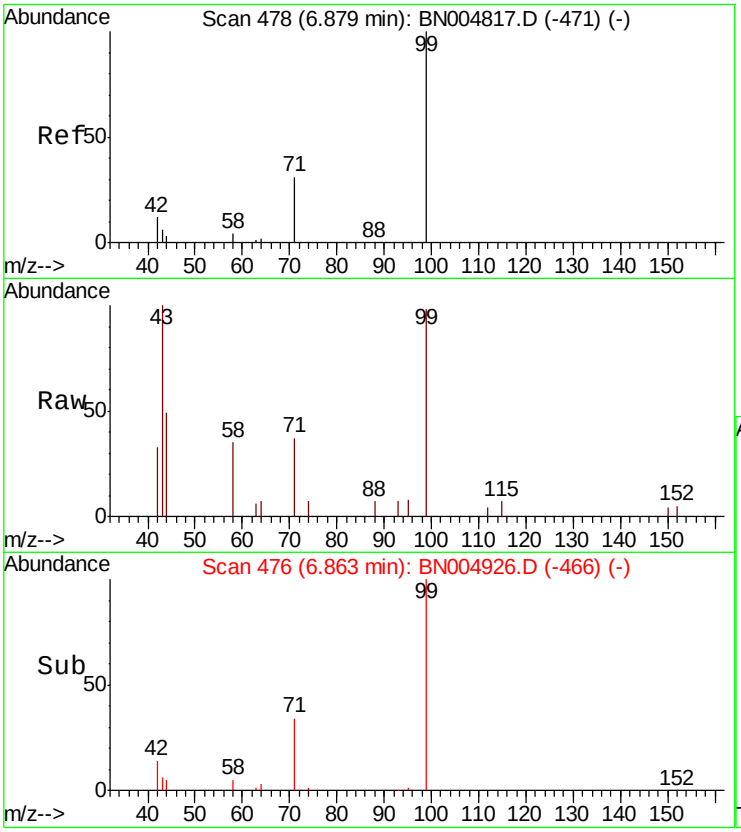


#4
2-Fluorophenol
Concen: 0.442 ng
RT: 5.28 min Scan# 280
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:112 Resp: 1906

Ion	Ratio	Lower	Upper
112	100		
64	51.4	40.0	60.0
63	26.5	20.2	30.2



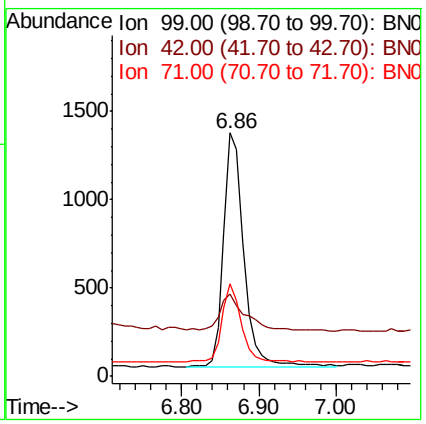


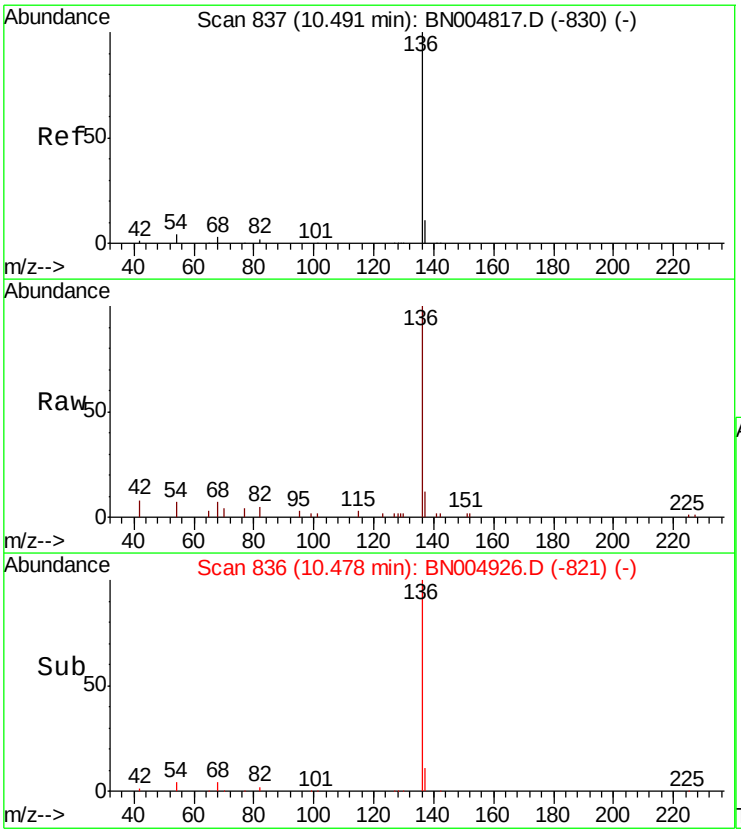
#5
Phenol-d6
Concen: 0.448 ng
RT: 6.86 min Scan# 476
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion: 99 Resp: 2408

Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.7	19.1#
71	32.1	26.6	40.0

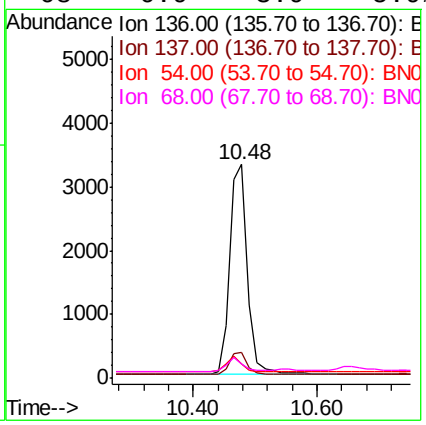


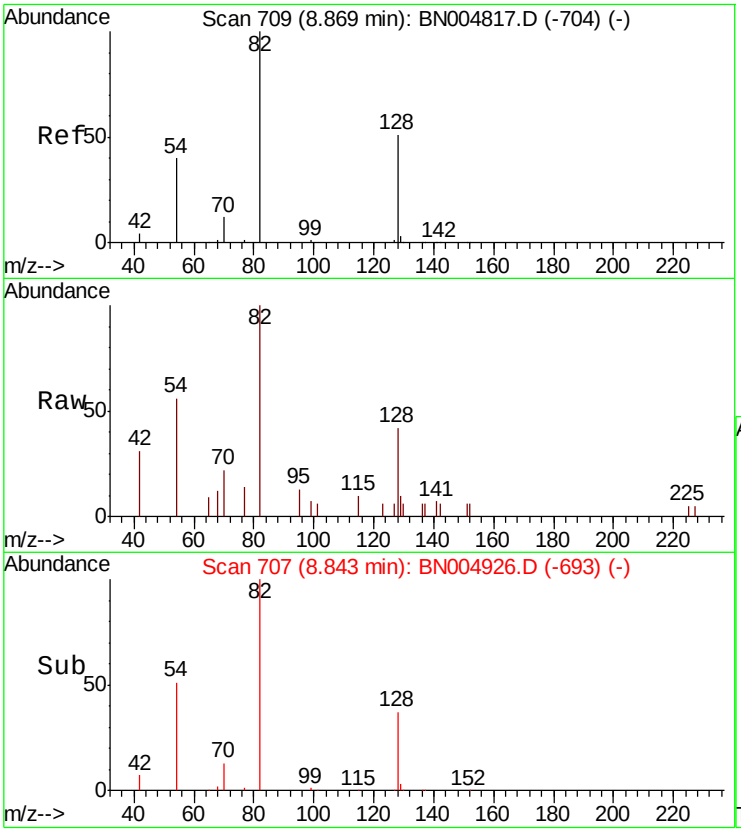


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.48 min Scan# 836
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:136 Resp: 6588

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	6.7	4.2	6.2#
68	6.9	3.9	5.9#



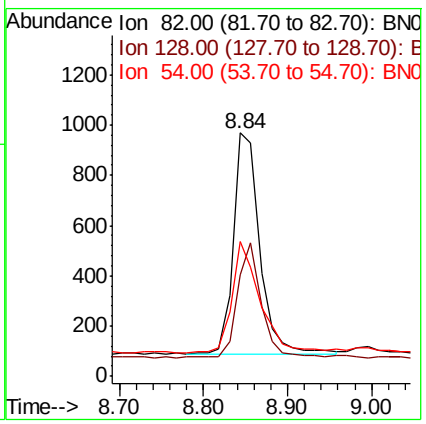


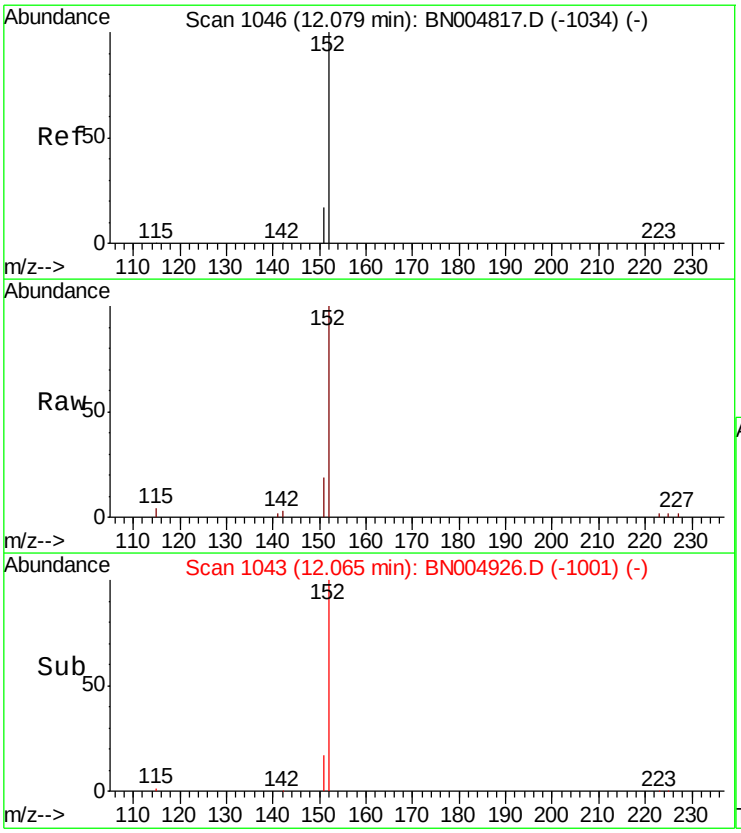
#8
Nitrobenzene-d5
Concen: 0.439 ng
RT: 8.84 min Scan# 707
Delta R.T. -0.03 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion: 82 Resp: 1915

Ion	Ratio	Lower	Upper
82	100		
128	41.6	43.0	64.6#
54	55.5	35.3	52.9#

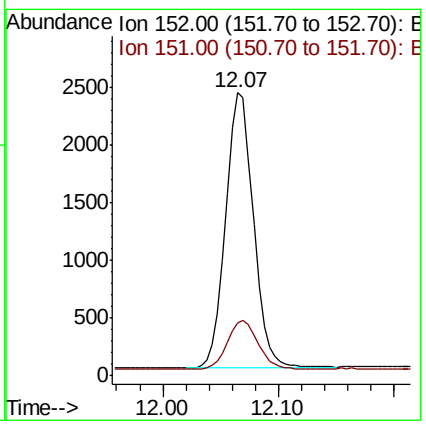


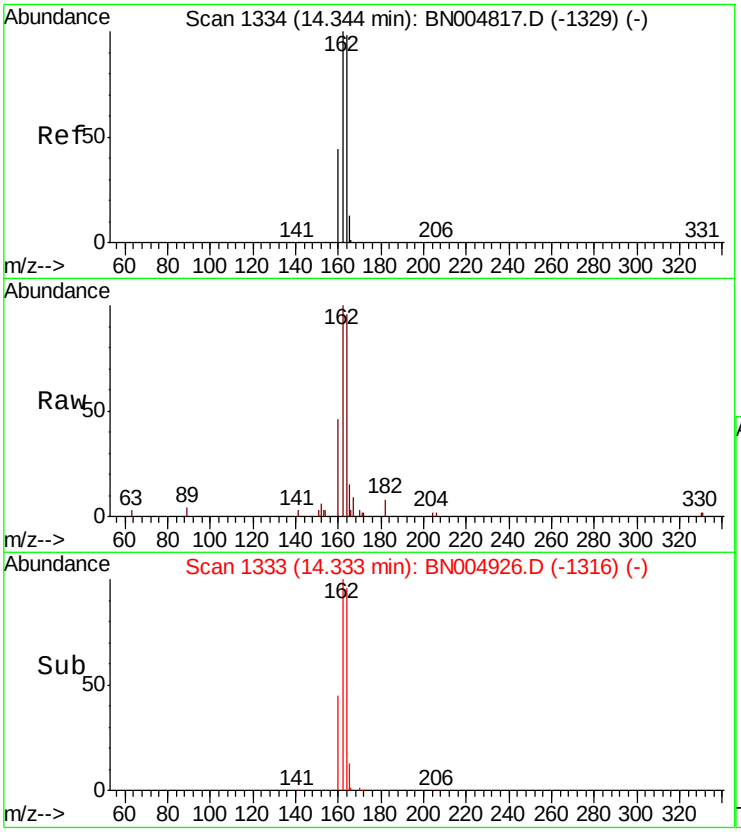


#11
2-Methylnaphthalene-d10
Concen: 0.343 ng
RT: 12.07 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:152 Resp: 3940

Ion	Ratio	Lower	Upper
152	100		
151	19.4	15.5	23.3



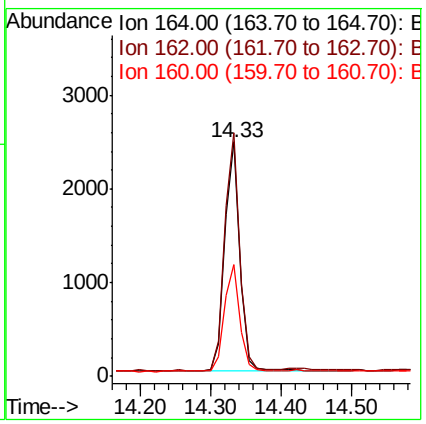


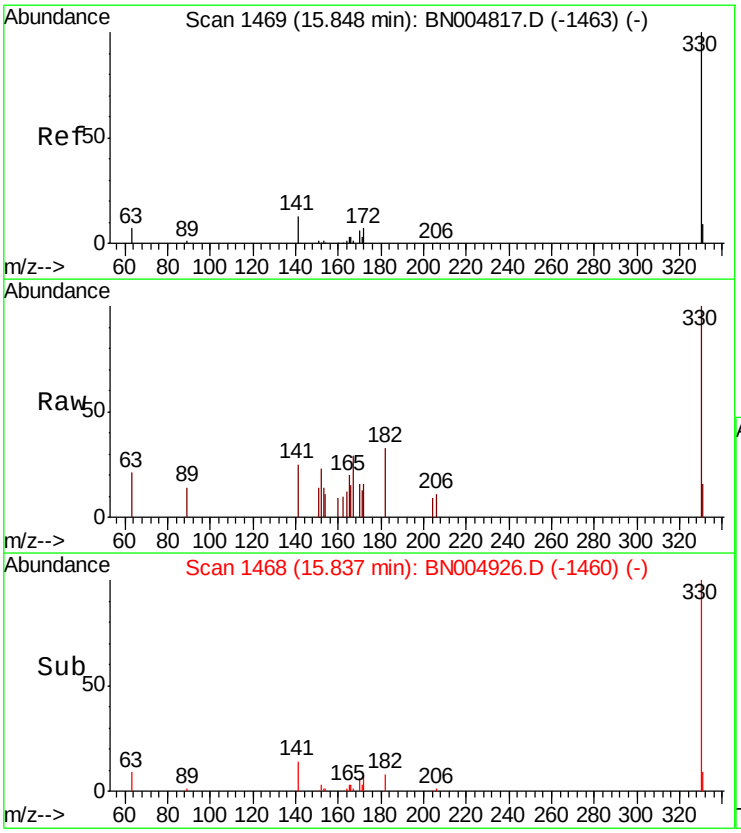
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:164 Resp: 3704

Ion	Ratio	Lower	Upper
164	100		
162	103.8	81.9	122.9
160	47.6	36.6	54.8

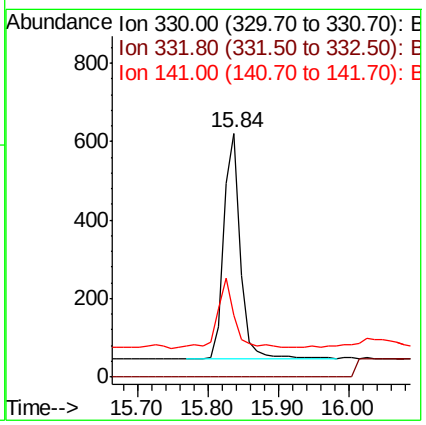


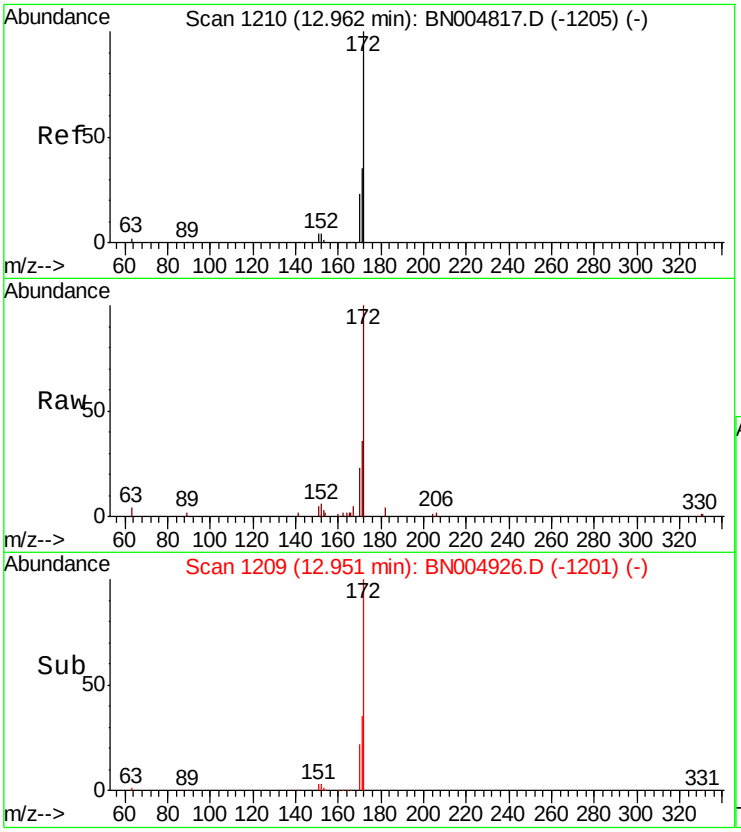


#14
2,4,6-Tribromophenol
Concen: 0.374 ng
RT: 15.84 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:330 Resp: 958

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	30.5	20.9	31.3



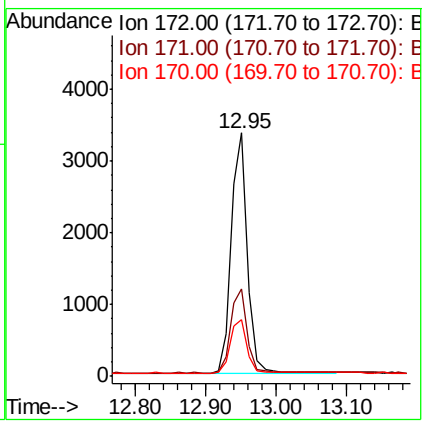


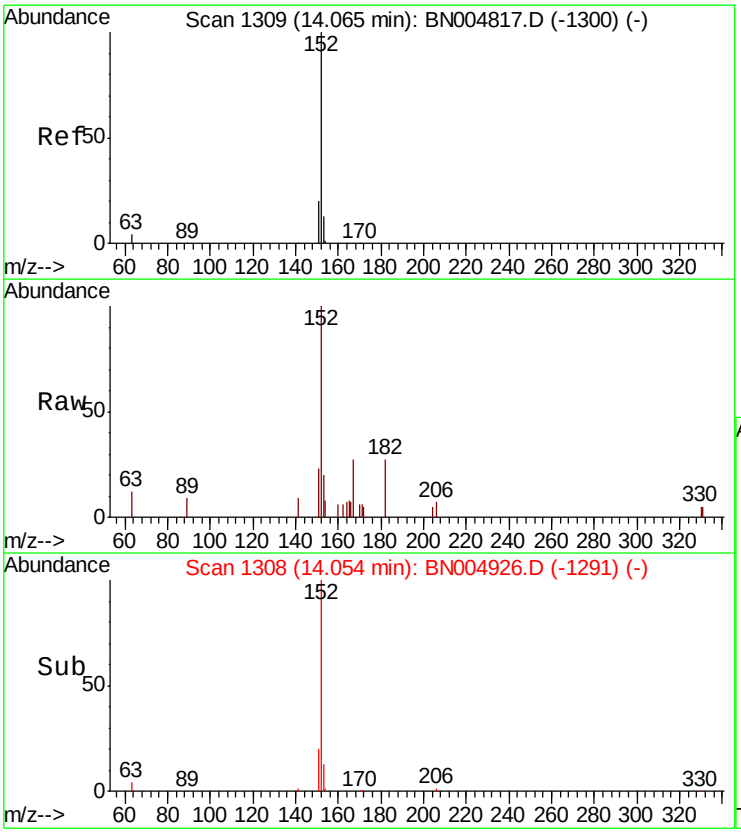
#15
2-Fluorobiphenyl
Concen: 0.350 ng
RT: 12.95 min Scan# 1209
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:172 Resp: 5351

Ion	Ratio	Lower	Upper
172	100		
171	35.8	28.7	43.1
170	23.5	18.7	28.1

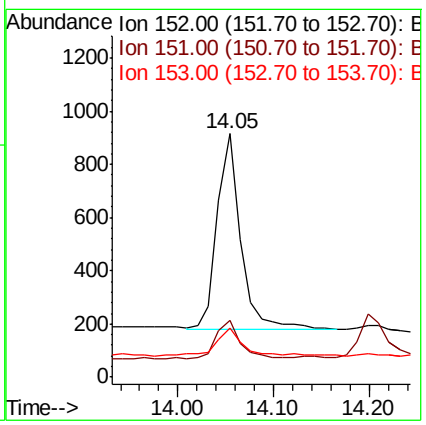


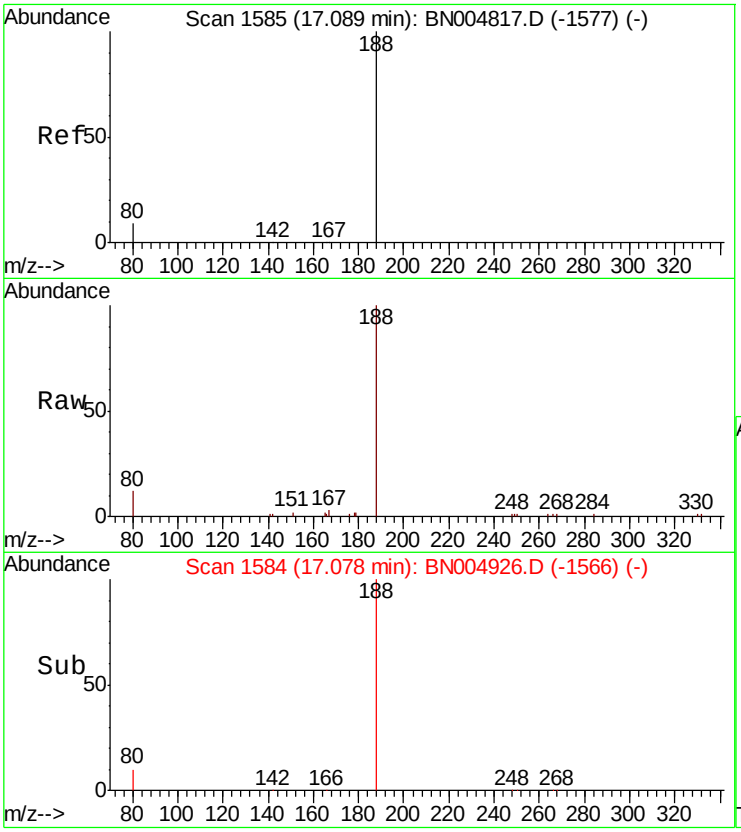


#16
Acenaphthylene
Concen: 0.067 ng
RT: 14.05 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:152 Resp: 1282

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.1	24.1
153	16.8	10.5	15.7#



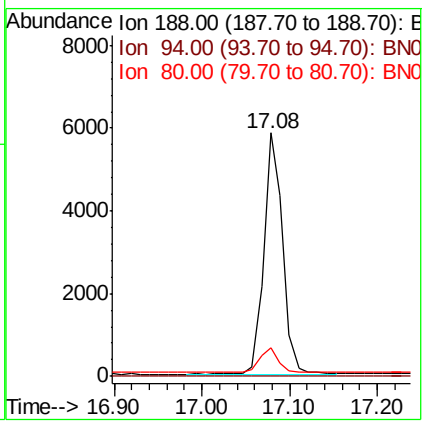


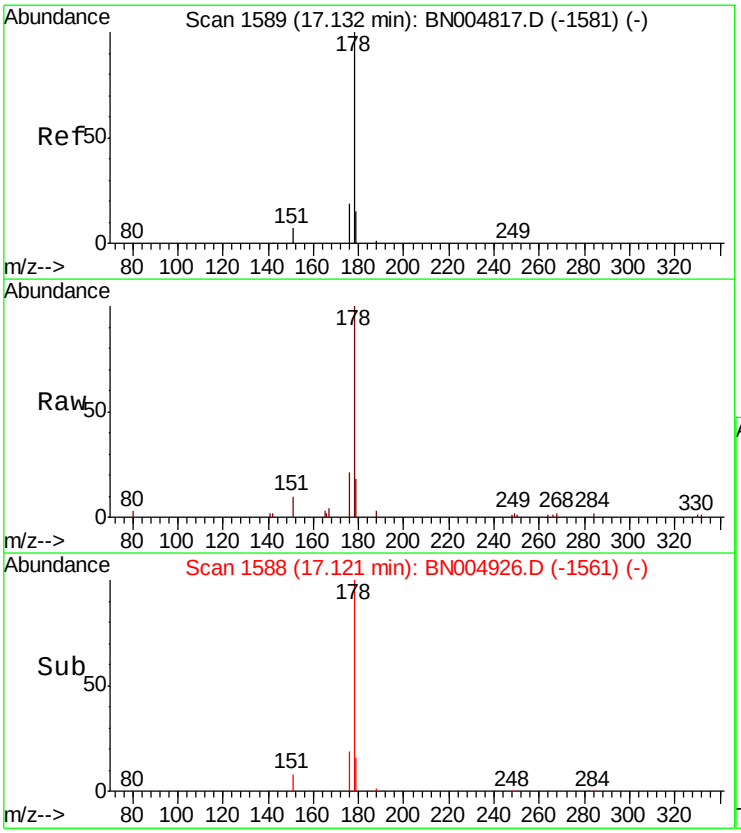
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.08 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:188 Resp: 8733

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.4	11.2#

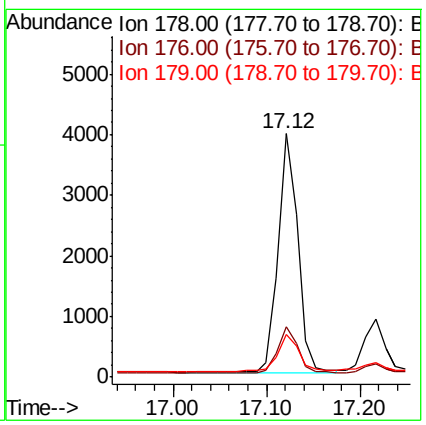


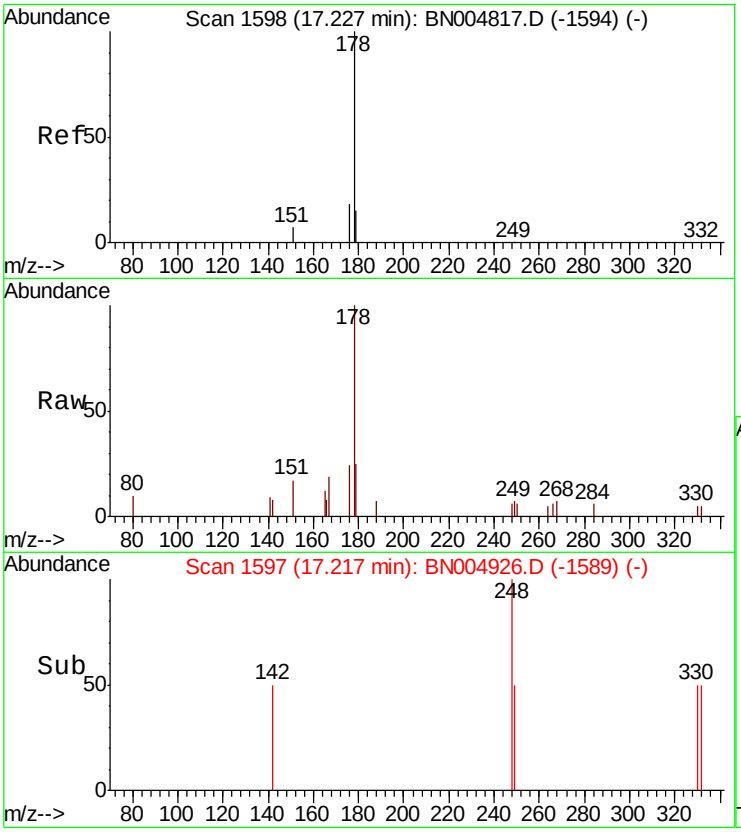


#23
Phenanthrene
Concen: 0.204 ng
RT: 17.12 min Scan# 1588
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:178 Resp: 5760

Ion	Ratio	Lower	Upper
178	100		
176	19.9	14.9	22.3
179	16.1	12.1	18.1



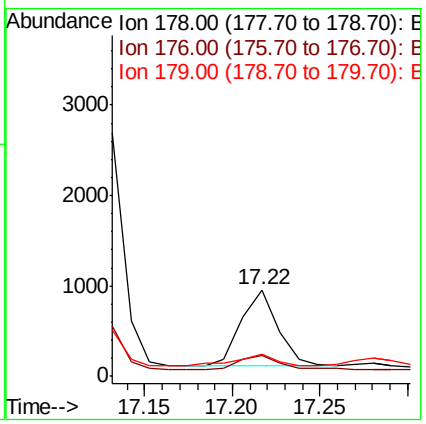


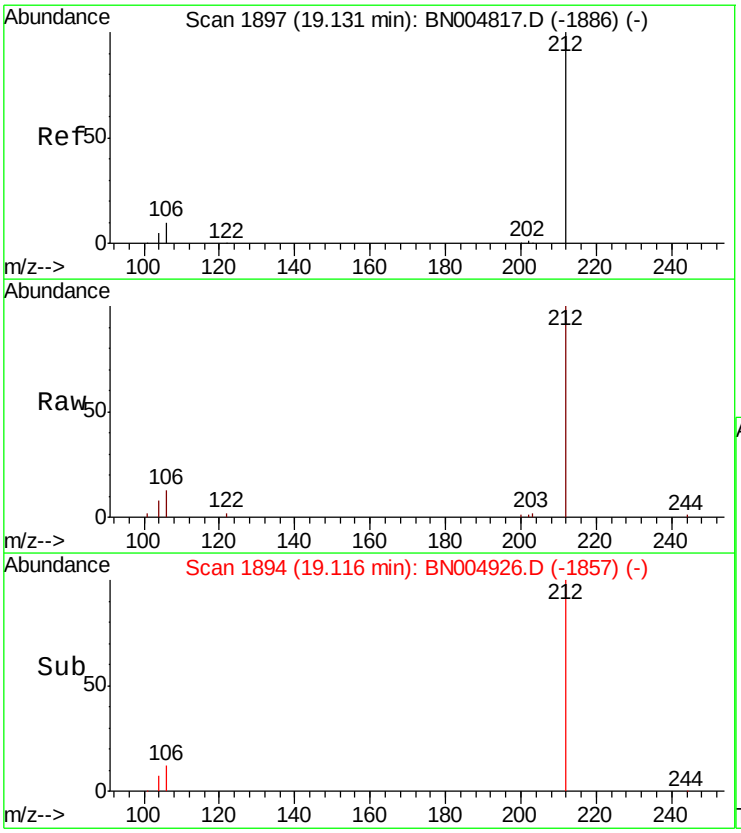
#24
Anthracene
Concen: 0.049 ng
RT: 17.22 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:178 Resp: 1243

Ion	Ratio	Lower	Upper
178	100		
176	19.0	14.5	21.7
179	16.1	12.2	18.4

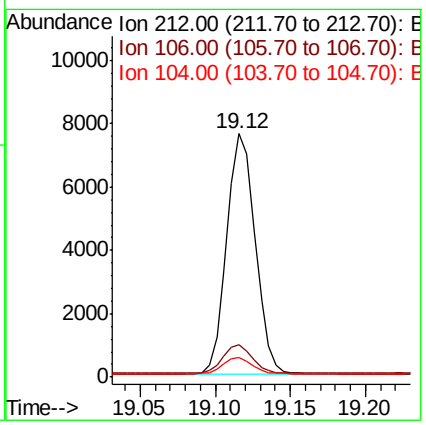


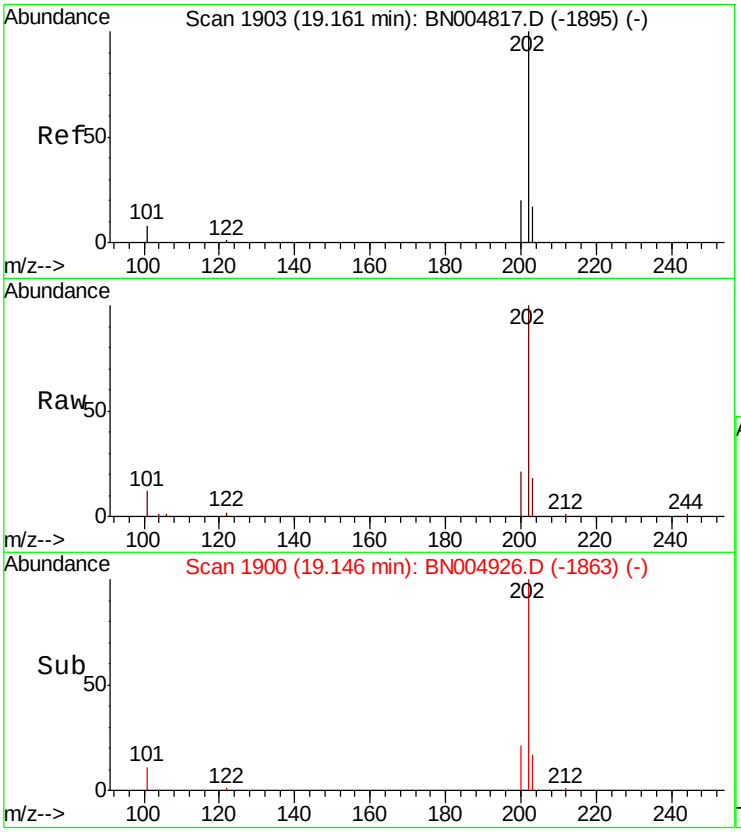


#25
Fluoranthene-d10
Concen: 0.342 ng
RT: 19.12 min Scan# 1894
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:212 Resp: 10014

Ion	Ratio	Lower	Upper
212	100		
106	12.2	8.6	13.0
104	6.9	4.7	7.1



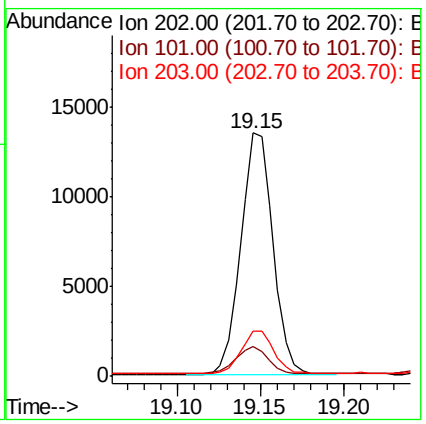


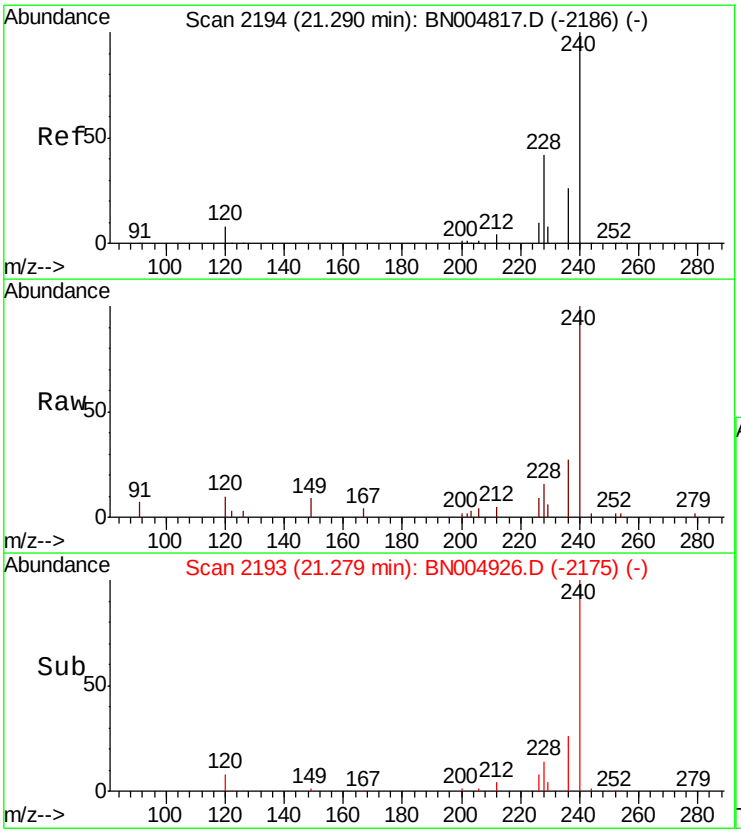
#26
Fluoranthene
Concen: 0.500 ng
RT: 19.15 min Scan# 1900
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:202 Resp: 18134

Ion	Ratio	Lower	Upper
202	100		
101	12.1	7.5	11.3#
203	17.5	13.8	20.6

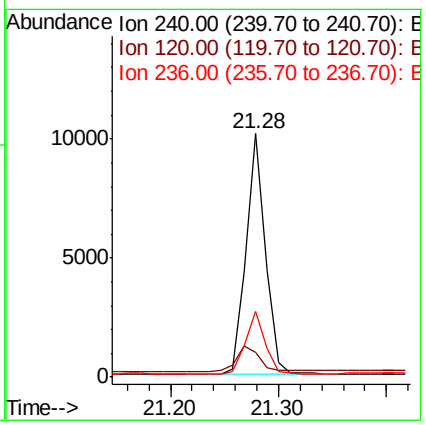


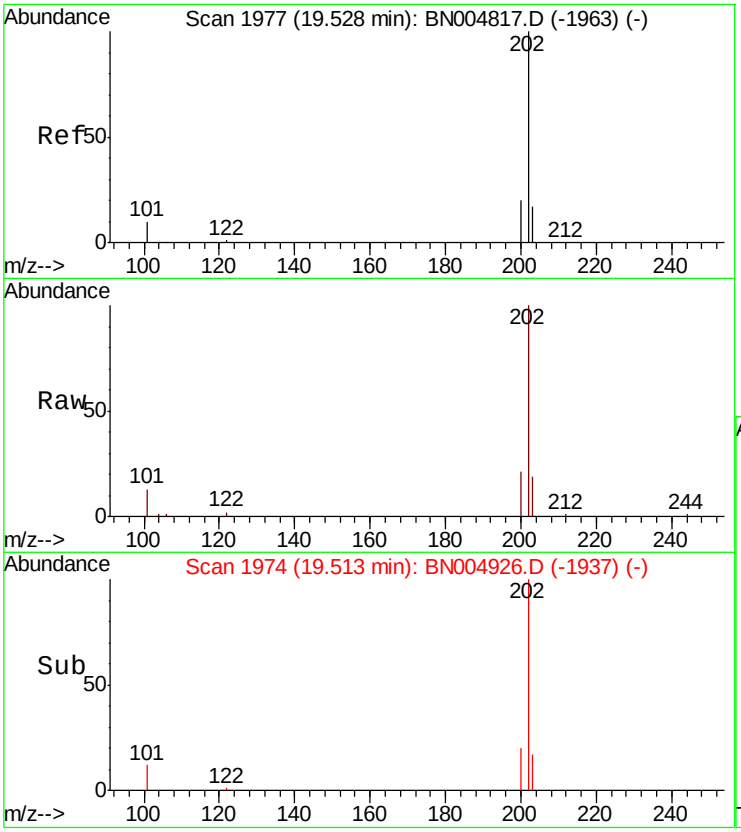


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:240 Resp: 12552

Ion	Ratio	Lower	Upper
240	100		
120	10.3	7.2	10.8
236	27.0	20.9	31.3



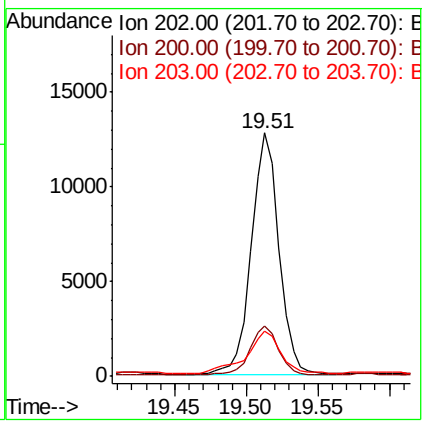


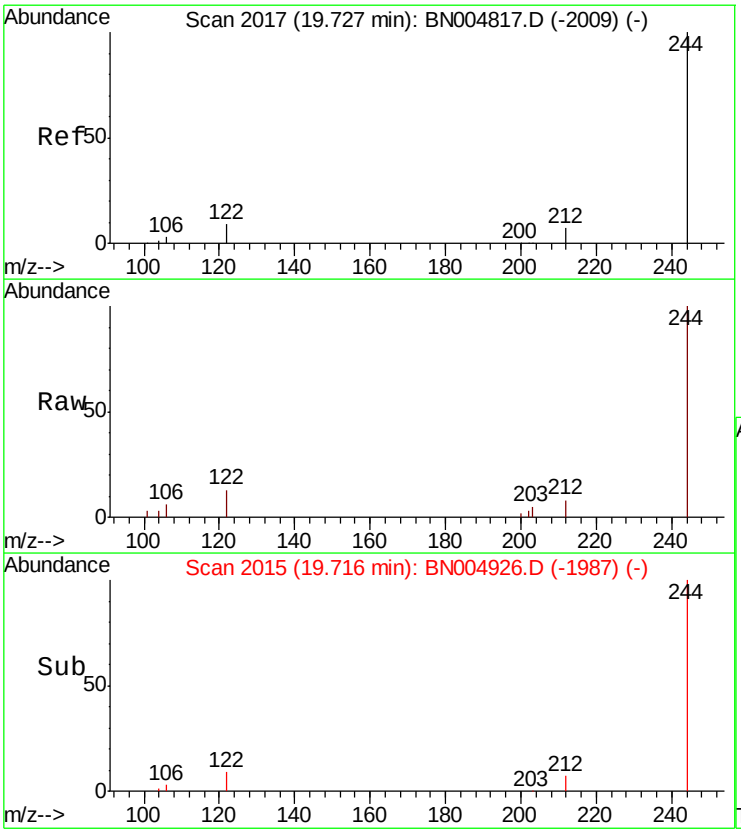
#28
Pyrene
Concen: 0.445 ng
RT: 19.51 min Scan# 1974
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:202 Resp: 17041

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

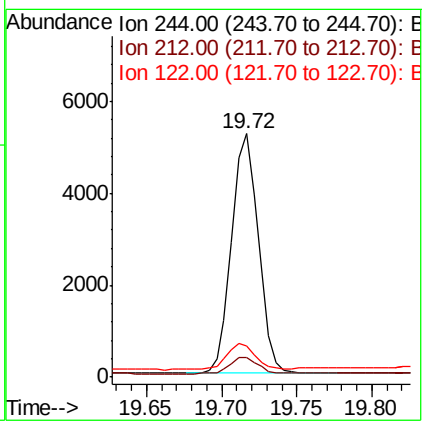


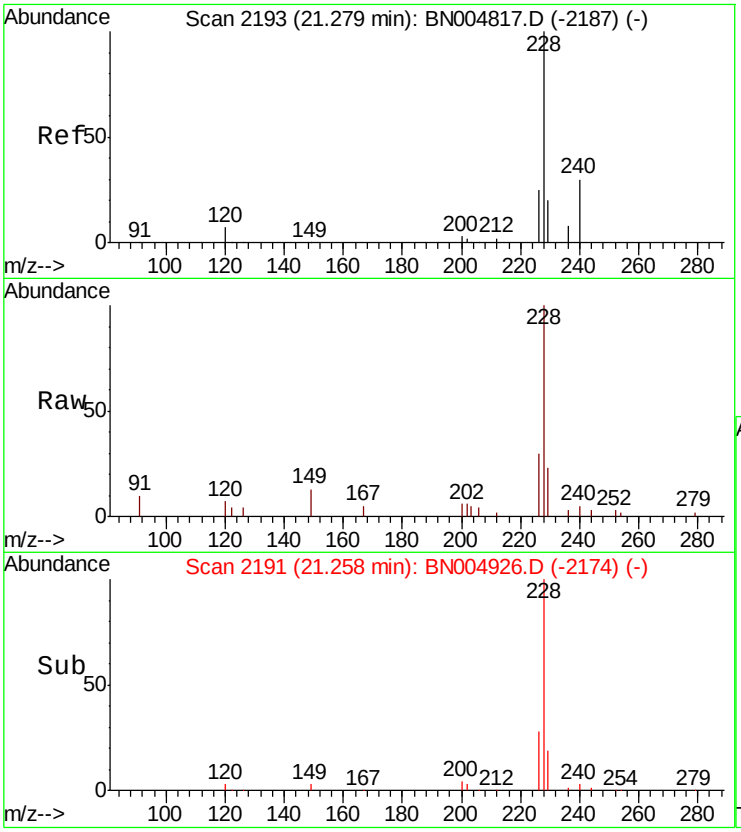


#29
Terphenyl-d14
Concen: 0.251 ng
RT: 19.72 min Scan# 2015
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:244 Resp: 6441

Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.6
122	12.8	7.9	11.9#



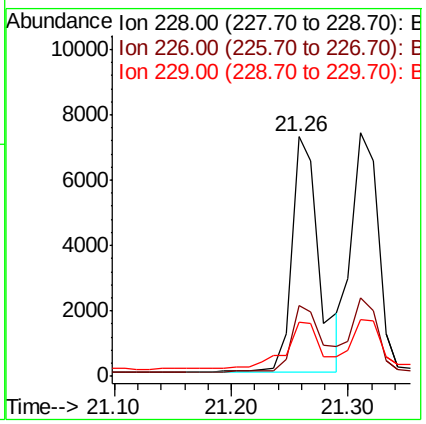


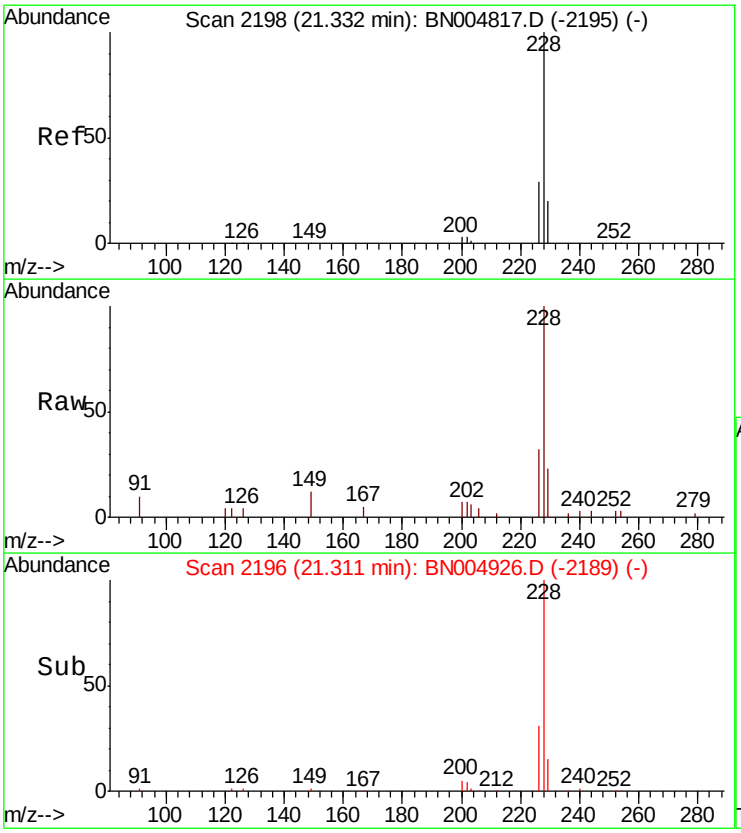
#30
Benzo(a)anthracene
Concen: 0.284 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:228 Resp: 11684

Ion	Ratio	Lower	Upper
228	100		
226	29.5	20.6	31.0
229	22.5	16.2	24.4

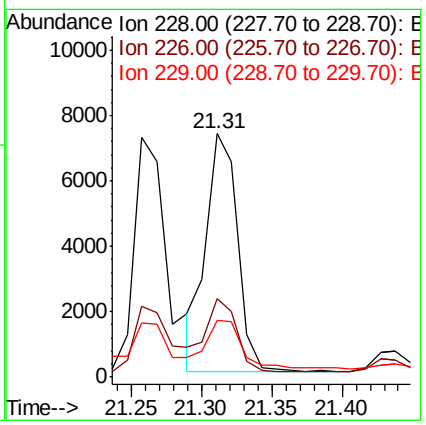


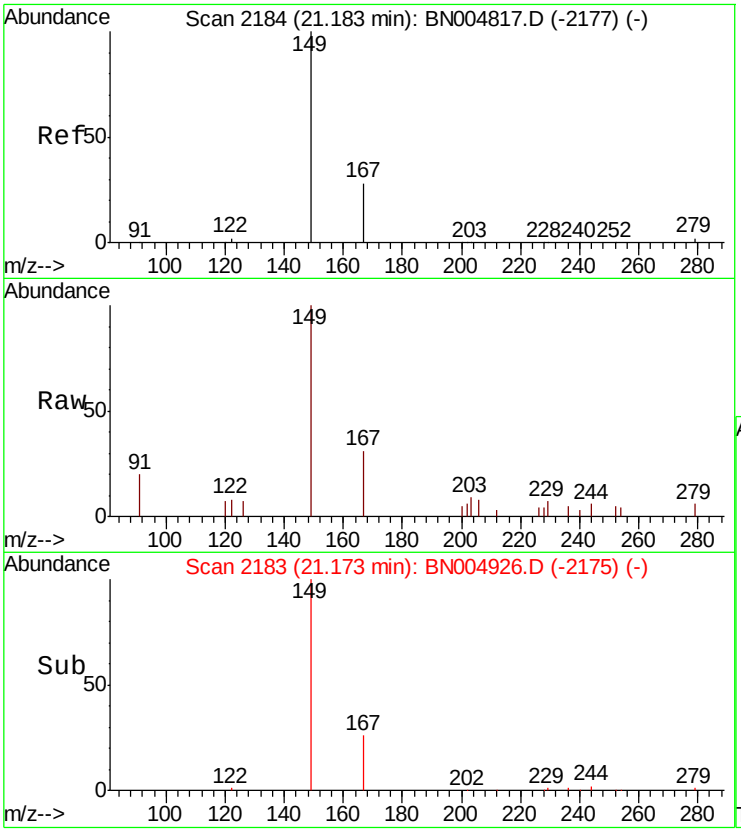


#31
Chrysene
Concen: 0.261 ng
RT: 21.31 min Scan# 2196
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:228 Resp: 11310

Ion	Ratio	Lower	Upper
228	100		
226	32.2	23.0	34.6
229	23.2	16.2	24.2



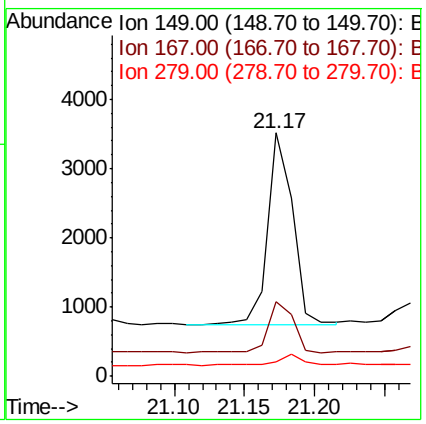


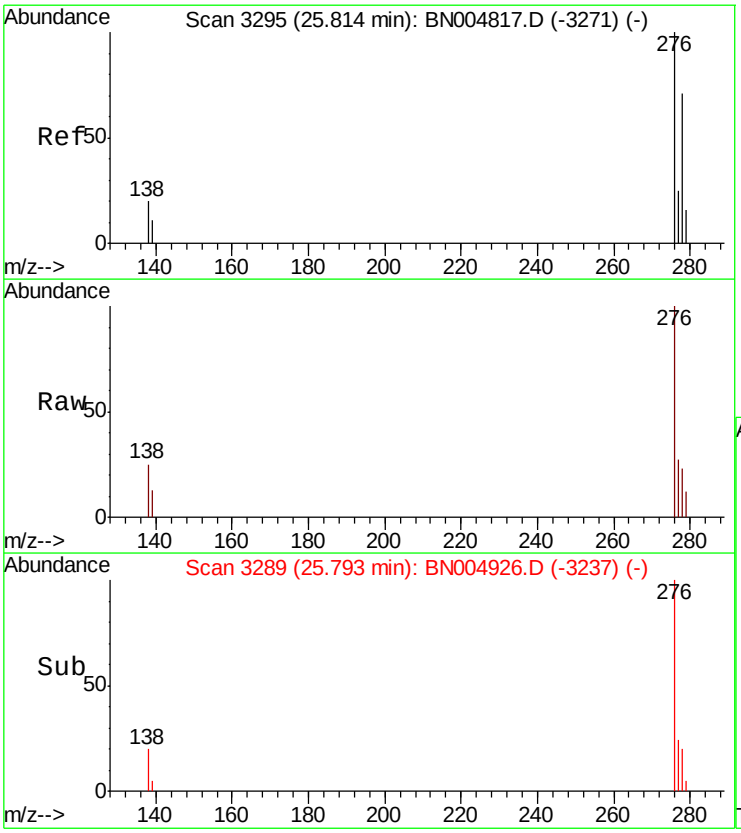
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.210 ng
RT: 21.17 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:149 Resp: 3461

Ion	Ratio	Lower	Upper
149	100		
167	27.0	23.0	34.4
279	4.7	4.6	6.8

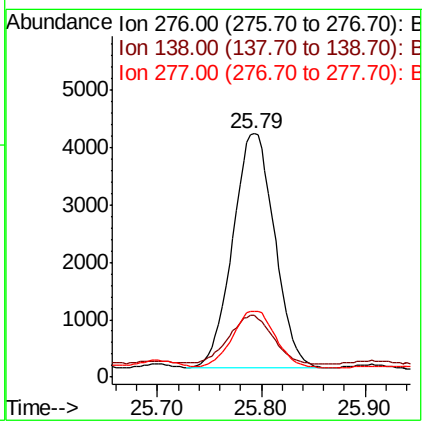


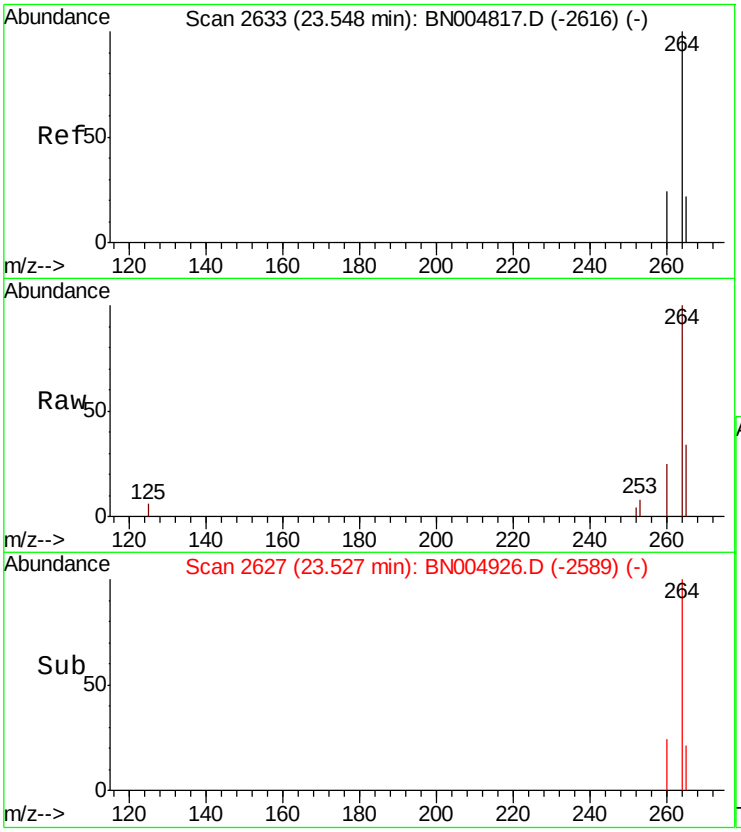


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.182 ng
RT: 25.79 min Scan# 3289
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:276 Resp: 11418

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.6	24.8
277	25.0	20.3	30.5



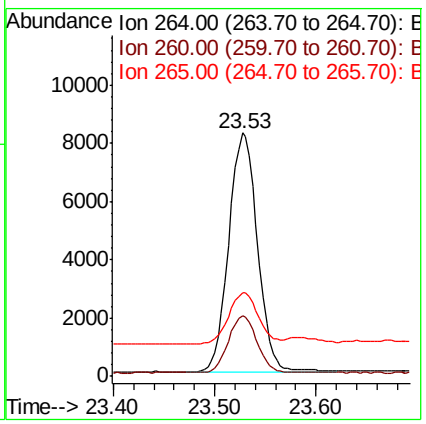


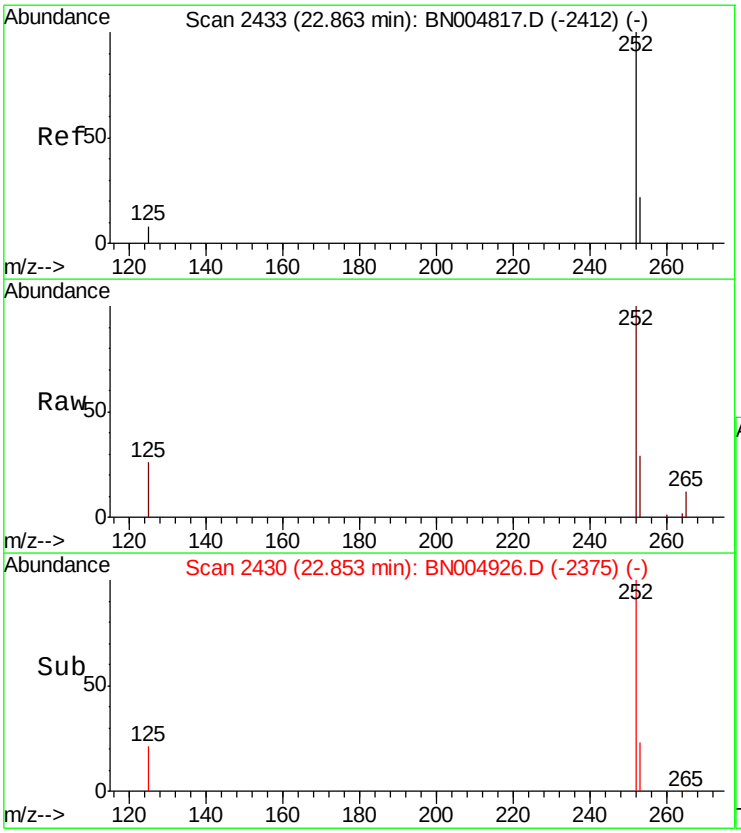
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.53 min Scan# 2627
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:264 Resp: 16206

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	34.3	23.1	34.7

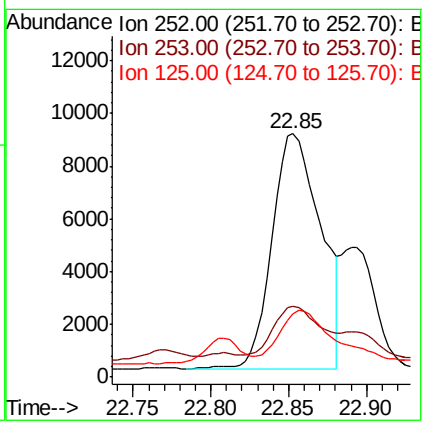


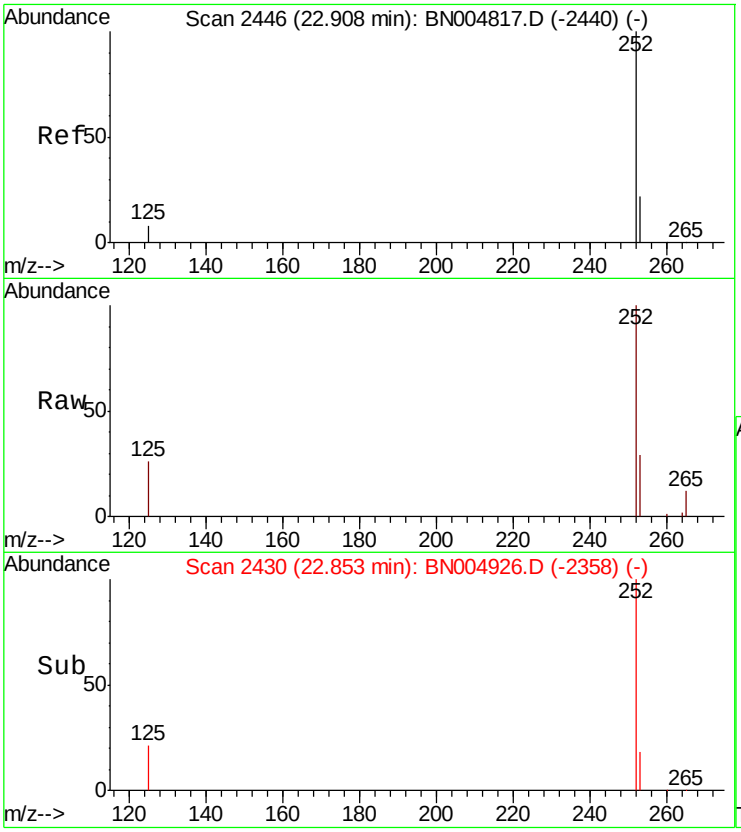


#35
Benzo(b)fluoranthene
Concen: 0.331 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.01 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:252 Resp: 19401

Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.0	28.4#
125	26.1	7.4	11.2#



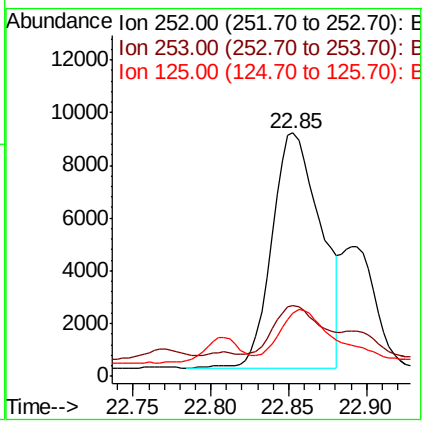


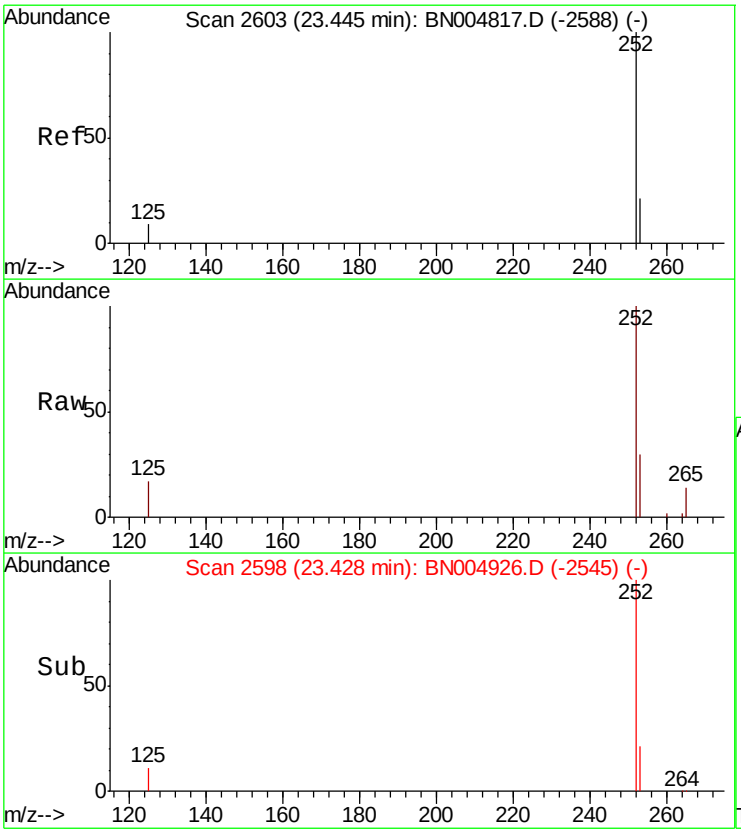
#36
Benzo(k)fluoranthene
Concen: 0.336 ng
RT: 22.85 min Scan# 2430
Delta R.T. -0.05 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:252 Resp: 19401

Ion	Ratio	Lower	Upper
252	100		
253	29.1	19.3	28.9#
125	26.1	7.4	11.0#

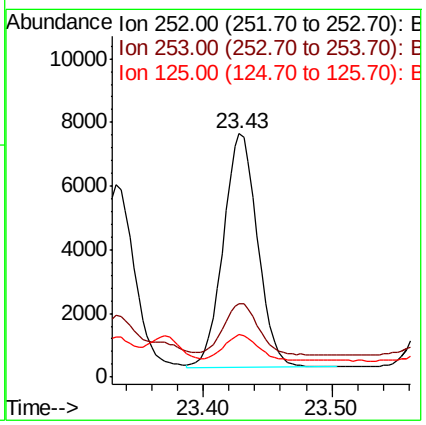


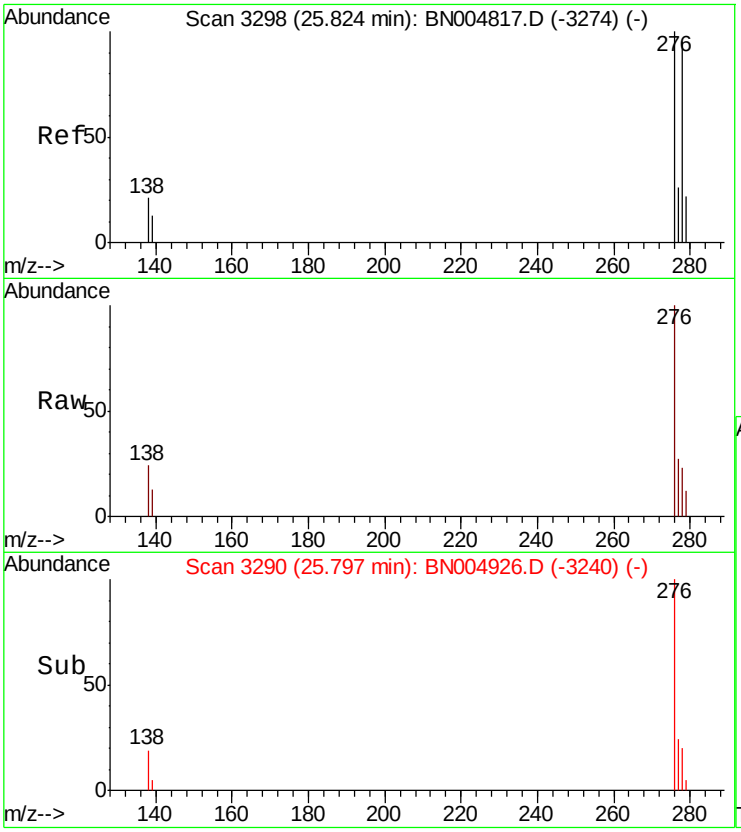


#37
Benzo(a)pyrene
Concen: 0.252 ng
RT: 23.43 min Scan# 2598
Delta R.T. -0.02 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:252 Resp: 13554

Ion	Ratio	Lower	Upper
252	100		
253	30.2	19.7	29.5#
125	17.4	8.3	12.5#



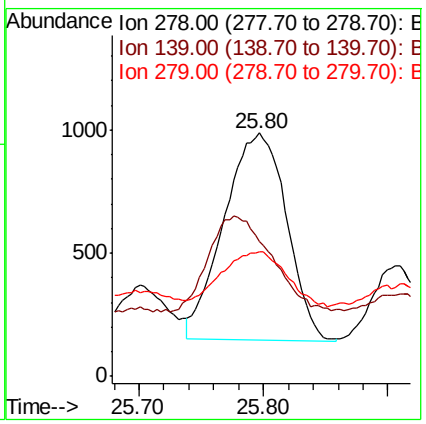


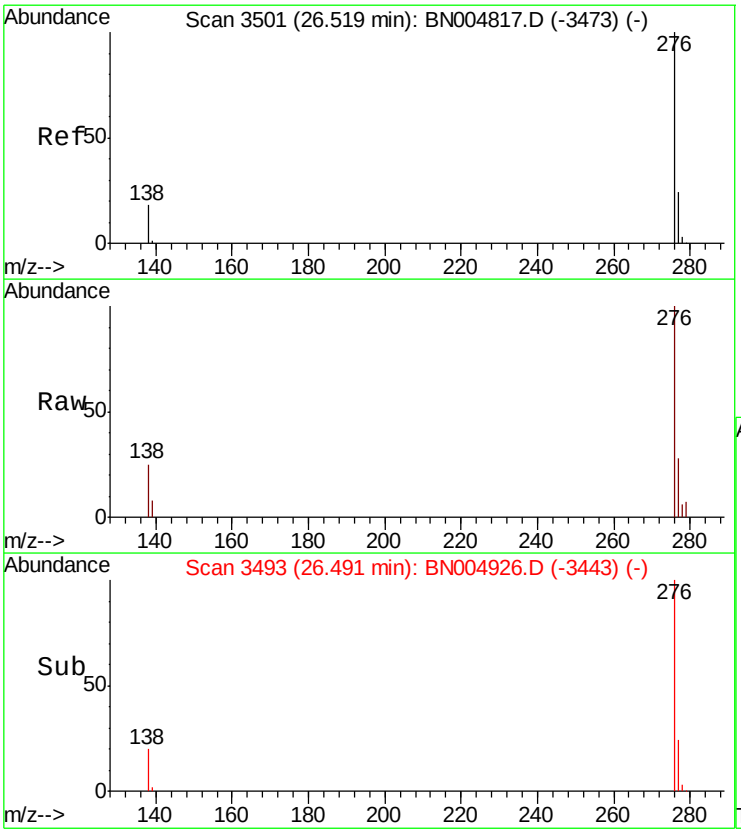
#38
Dibenzo(a,h)anthracene
Concen: 0.047 ng
RT: 25.80 min Scan# 3290
Delta R.T. -0.03 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Instrument :
BNA_N
ClientSampleId :
EXT-025-SW038-031919

Tgt Ion:278 Resp: 2934

Ion	Ratio	Lower	Upper
278	100		
139	55.2	11.7	17.5#
279	51.2	19.9	29.9#





#39
Benzo(g,h,i)perylene
Concen: 0.184 ng
RT: 26.49 min Scan# 3493
Delta R.T. -0.03 min
Lab File: BN004926.D
Acq: 23 Mar 2019 18:29

Tgt Ion:276 Resp: 11699

Ion	Ratio	Lower	Upper
276	100		
277	27.5	19.7	29.5
138	24.7	14.6	22.0#