Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN100219\
Data File : BN007971.D
Acq On : 02 Oct 2019 18:29
Operator : JU
Sample : K5078-06DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId :

Quant Time: Oct 03 06:47:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-SIM-BN091819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	6333	0.40	ng		-0.02
7) Naphthalene-d8	10.46	136	26782	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	17366	0.40	ng		-0.01
19) Phenanthrene-d10	17.06	188	37178	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	38494	0.40	ng		-0.01
34) Perylene-d12	23.47	264	42275	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.31	112	1708	0.08	ng		0.00
5) Phenol-d6	6.87	99	2562	0.09	ng		0.00
8) Nitrobenzene-d5	8.82	82	2070	0.09	ng		-0.01
11) 2-Methylnaphthalene-d10	12.05	152	4260	0.09	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	844	0.09	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	5823	0.08	ng		-0.01
25) Fluoranthene-d10	19.09	212	10860	0.09	ng		-0.01
29) Terphenyl-d14	19.70	244	9353	0.10	ng		-0.01
Target Compounds							Qvalue
3) n-Nitrosodimethylamine	3.00	42	4822	1.491	ng	#	80
9) Naphthalene	10.51	128	3237	0.043	ng	#	85
12) 2-Methylnaphthalene	12.13	142	3059	0.060	ng	#	93
16) Acenaphthylene	14.02	152	66150	0.718	ng		99
17) Acenaphthene	14.37	154	8520	0.143	ng		97
18) Fluorene	15.36	166	17366	0.228	ng		87
23) Phenanthrene	17.10	178	392263	3.387	ng		100
24) Anthracene	17.19	178	56647	0.542	ng	#	96
26) Fluoranthene	19.12	202	707932	4.916	ng		99
28) Pyrene	19.49	202	668376	5.091	ng		96
30) Benzo(a)anthracene	21.24	228	271985	1.919	ng		96
31) Chrysene	21.29	228	340637	2.466	ng		98
32) Bis(2-ethylhexyl)phthalate	21.19	149	36253	0.497	ng		99
33) Indeno(1,2,3-cd)pyrene	25.68	276	220949	1.277	ng	#	95
35) Benzo(b)fluoranthene	22.81	252	417306	2.843	ng		99
36) Benzo(k)fluoranthene	22.81	252	417306	2.875	ng		100
37) Benzo(a)pyrene	23.38	252	276711	2.006	ng		99
38) Dibenzo(a,h)anthracene	25.69	278	51849	0.367	ng	#	87
39) Benzo(g,h,i)perylene	26.36	276	229023	1.640	ng		100

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

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Acq On : 02 Oct 2019 18:29
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Sample : K5078-06DL 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 18:24:40 2019
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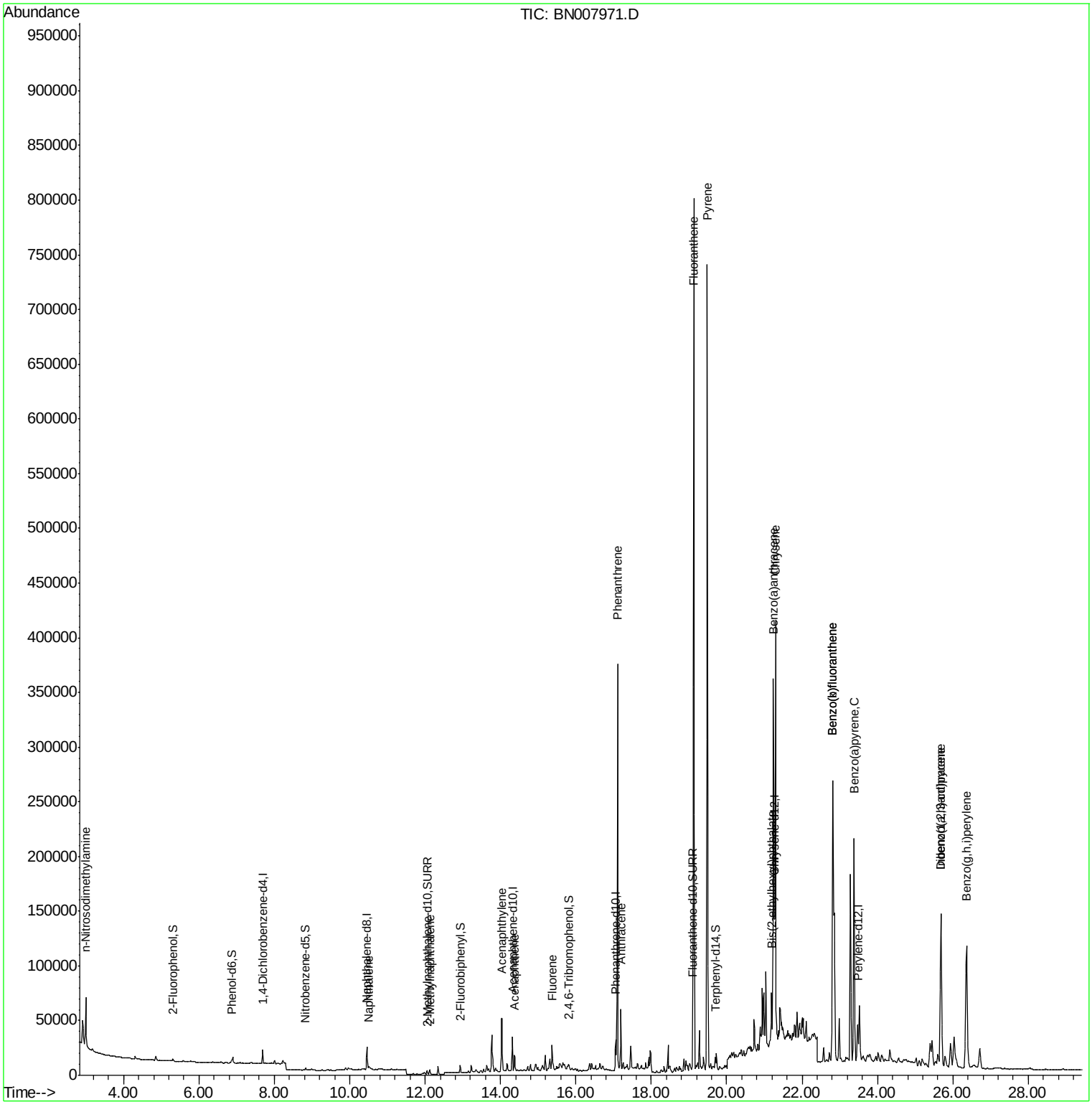
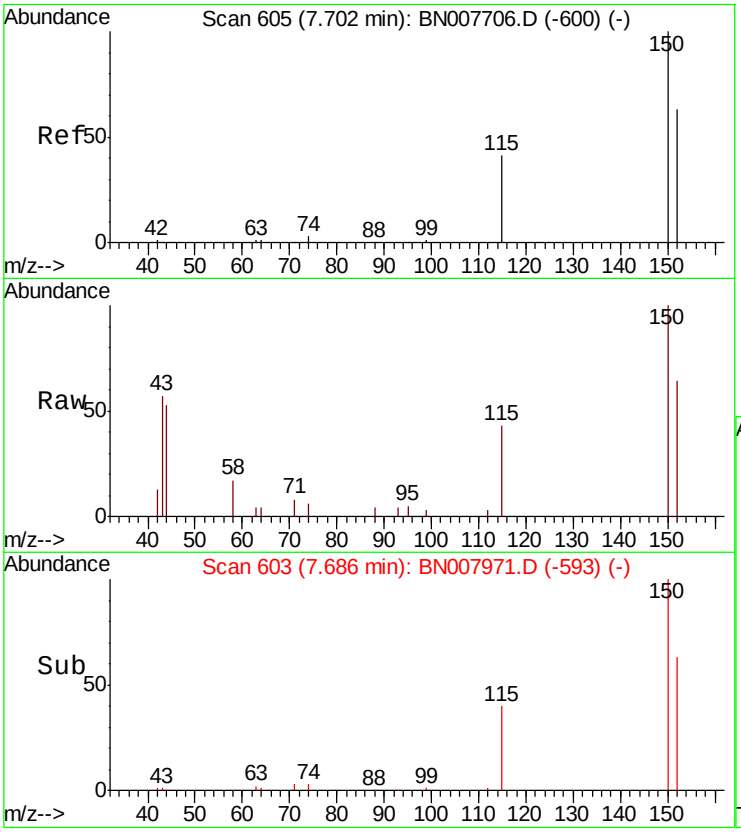


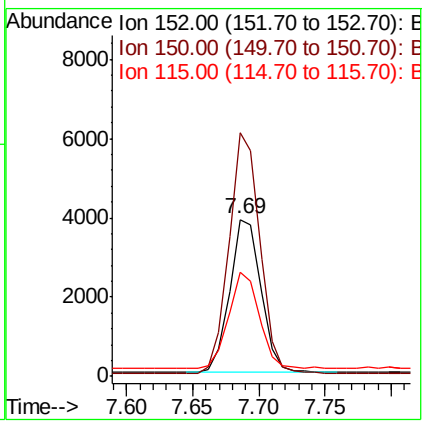


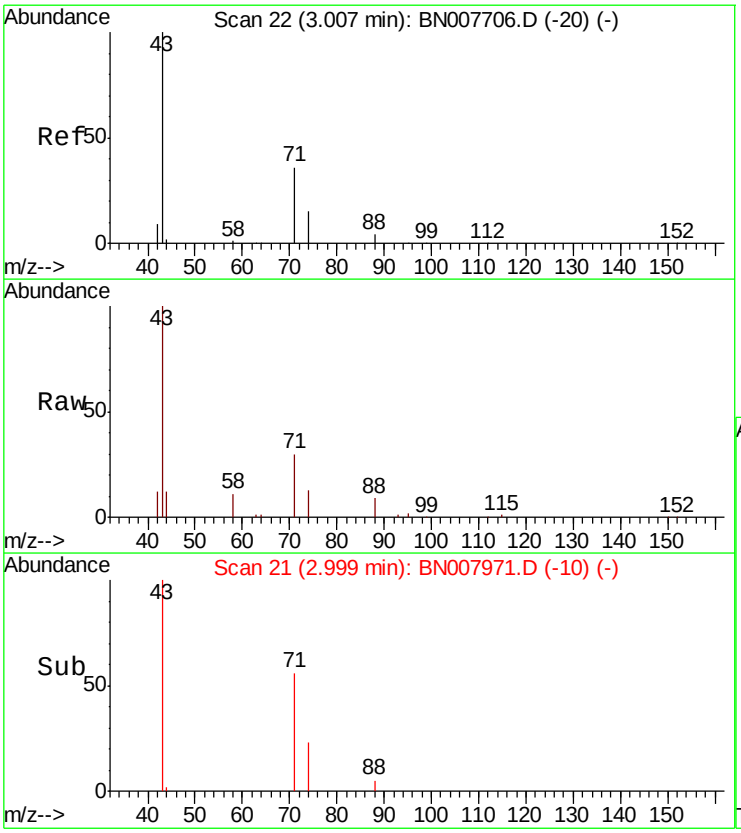
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.69 min Scan# 603
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6333

Ion	Ratio	Lower	Upper
152	100		
150	155.5	125.6	188.4
115	66.9	53.3	79.9

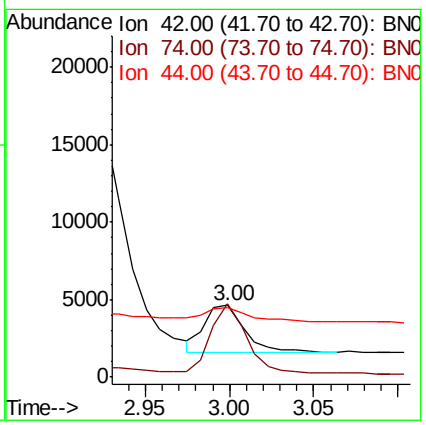


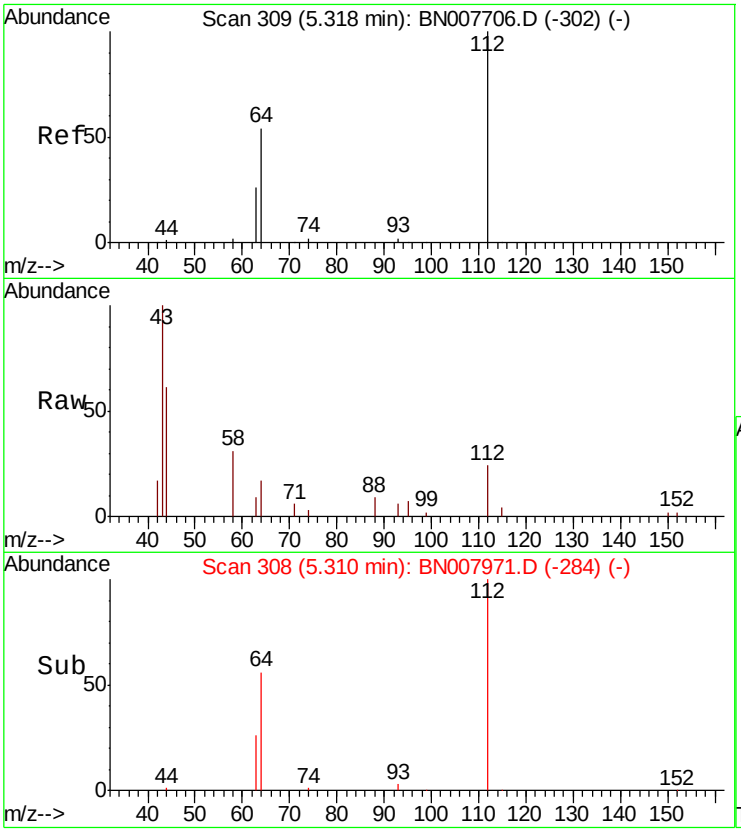


#3
n-Nitrosodimethylamine
Concen: 1.491 ng
RT: 3.00 min Scan# 21
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion: 42 Resp: 4822

Ion	Ratio	Lower	Upper
42	100		
74	138.7	87.9	131.9#
44	36.6	29.4	44.0



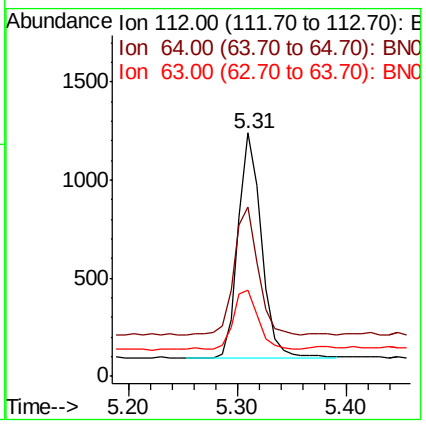


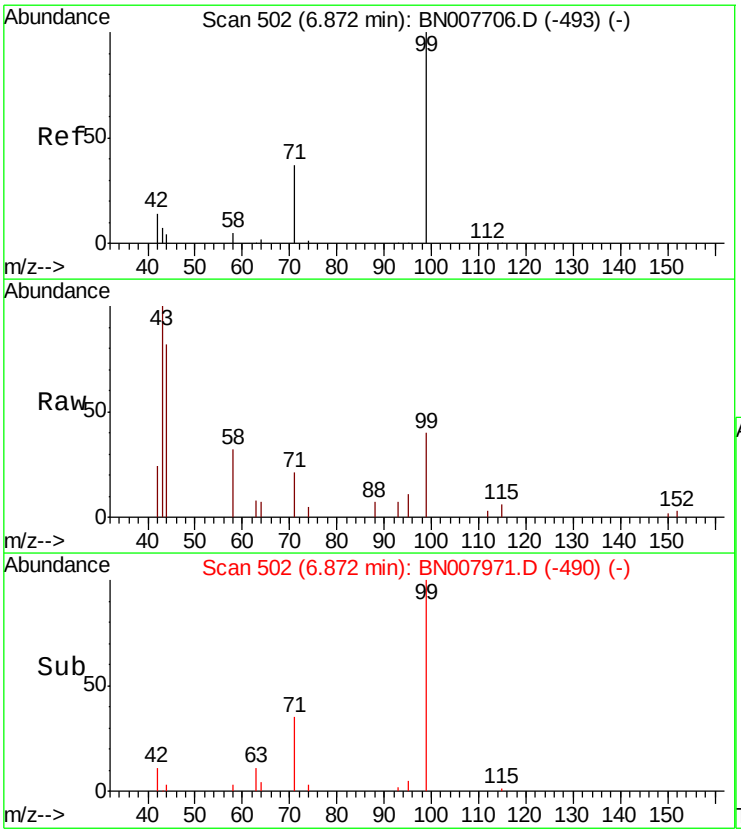
#4
2-Fluorophenol
Concen: 0.078 ng
RT: 5.31 min Scan# 308
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:112 Resp: 1708

Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.6	70.0
63	30.7	23.1	34.7

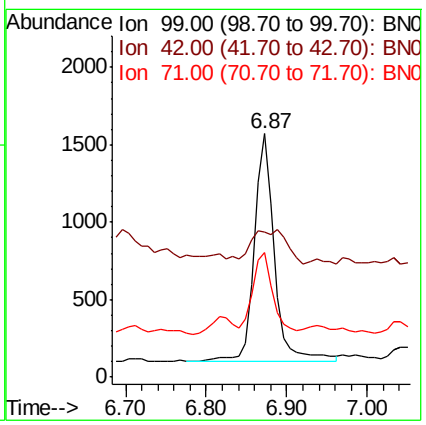


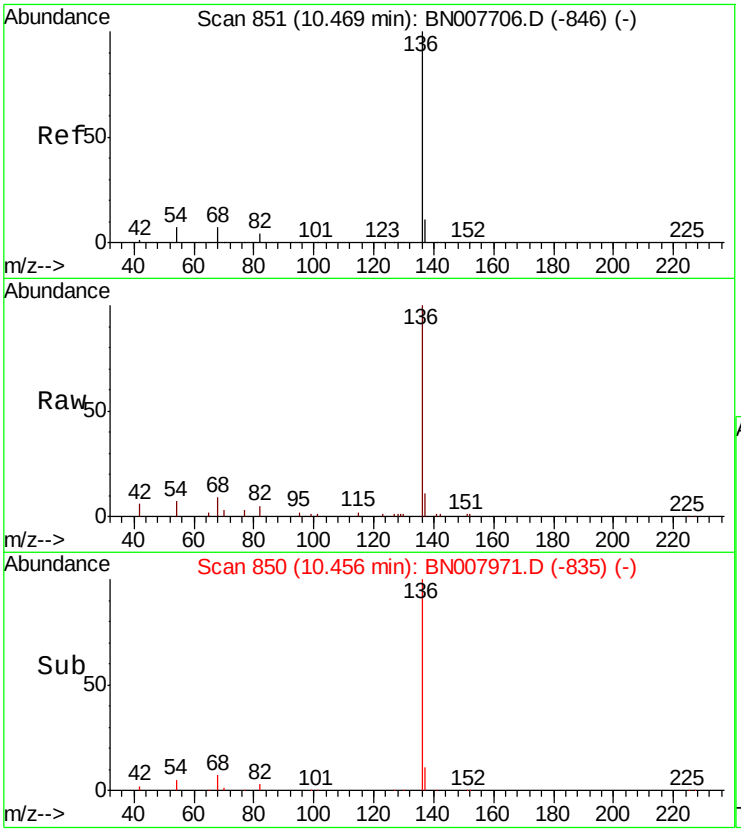


#5
Phenol-d6
Concen: 0.089 ng
RT: 6.87 min Scan# 502
Delta R.T. 0.00 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion: 99 Resp: 2562

Ion	Ratio	Lower	Upper
99	100		
42	26.1	12.8	19.2#
71	35.9	27.6	41.4



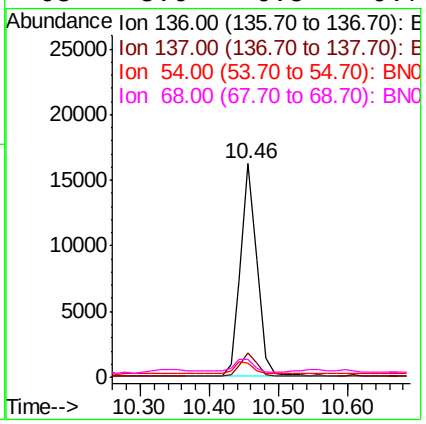


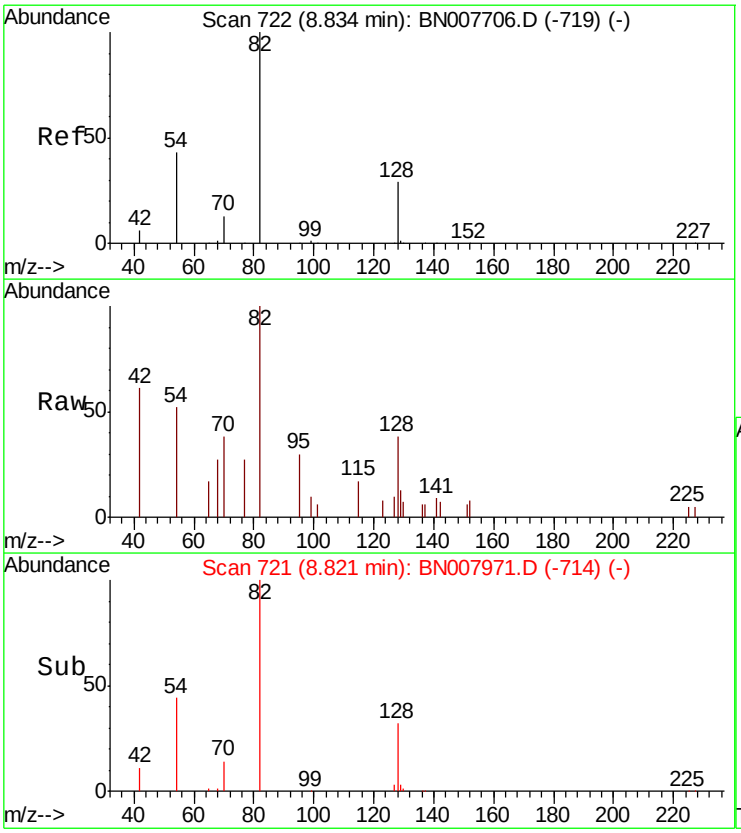
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.46 min Scan# 850
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:136 Resp: 26782

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	6.9	5.8	8.8
68	8.6	6.5	9.7

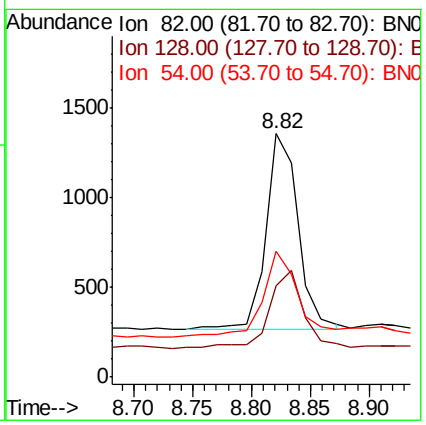


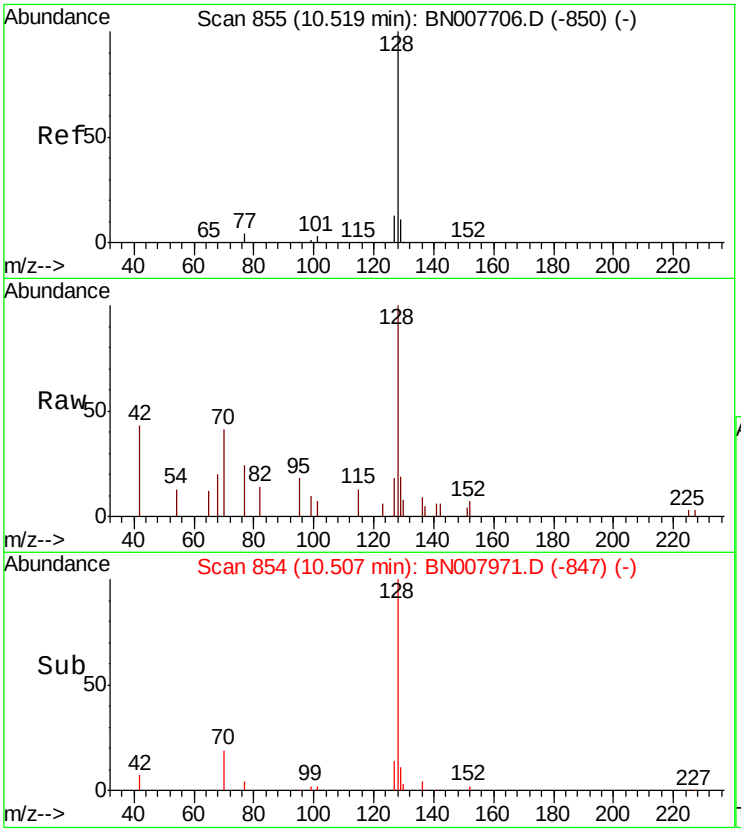


#8
Nitrobenzene-d5
Concen: 0.088 ng
RT: 8.82 min Scan# 721
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion: 82 Resp: 2070

Ion	Ratio	Lower	Upper
82	100		
128	37.5	24.5	36.7#
54	51.7	35.2	52.8



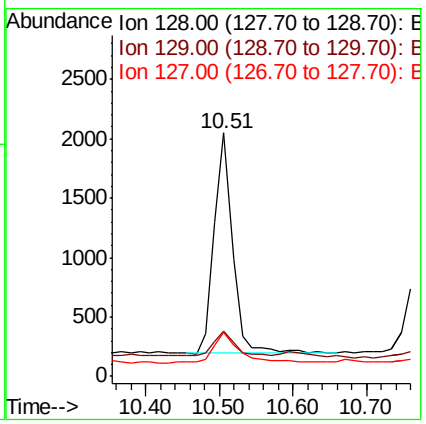


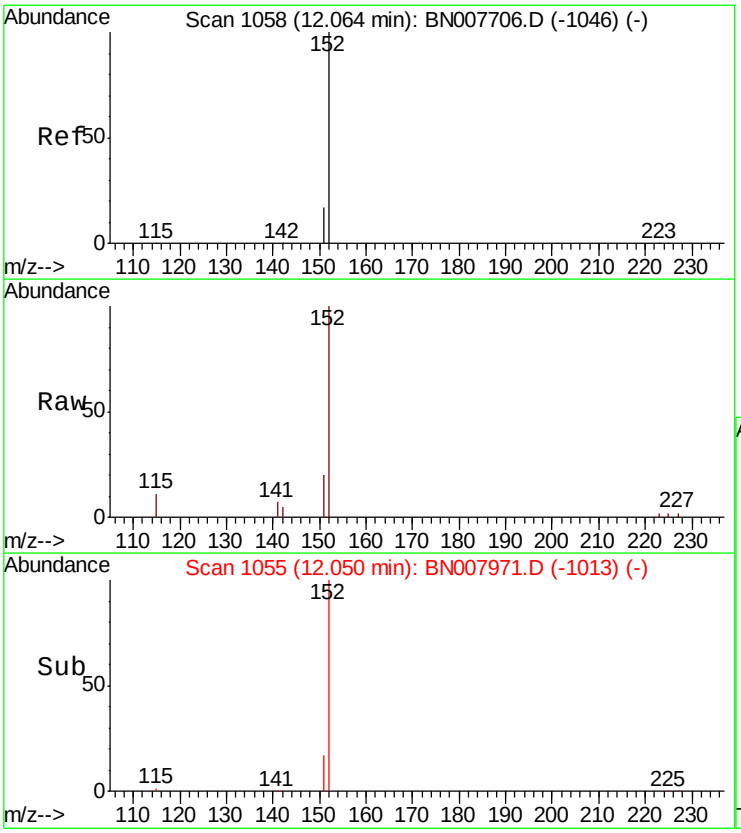
#9
Naphthalene
Concen: 0.043 ng
RT: 10.51 min Scan# 854
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 3237

Ion	Ratio	Lower	Upper
128	100		
129	18.7	9.1	13.7#
127	18.0	10.6	15.8#

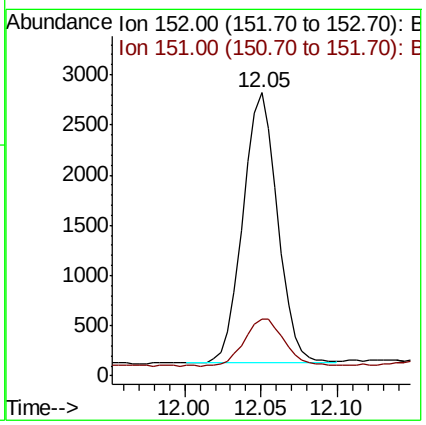


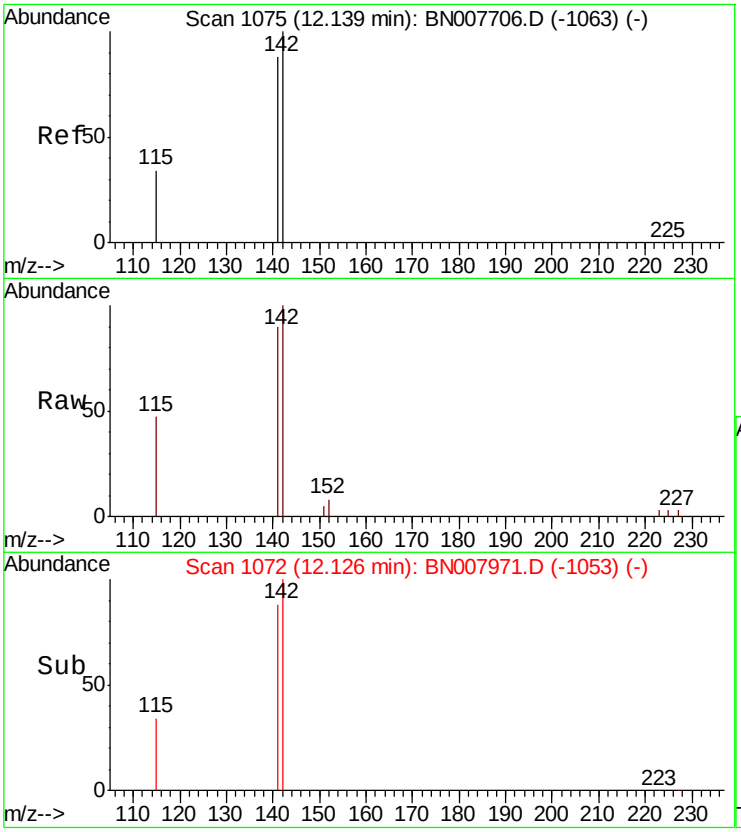


#11
2-Methylnaphthalene-d10
Concen: 0.094 ng
RT: 12.05 min Scan# 1055
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:152 Resp: 4260

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.4	23.2



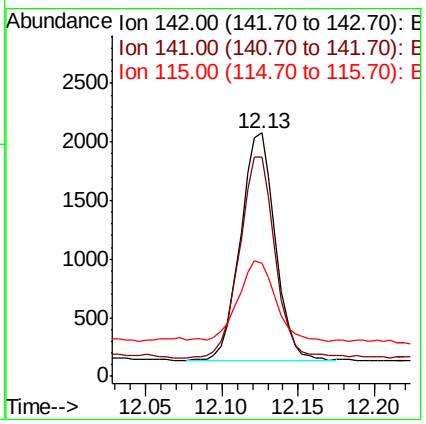


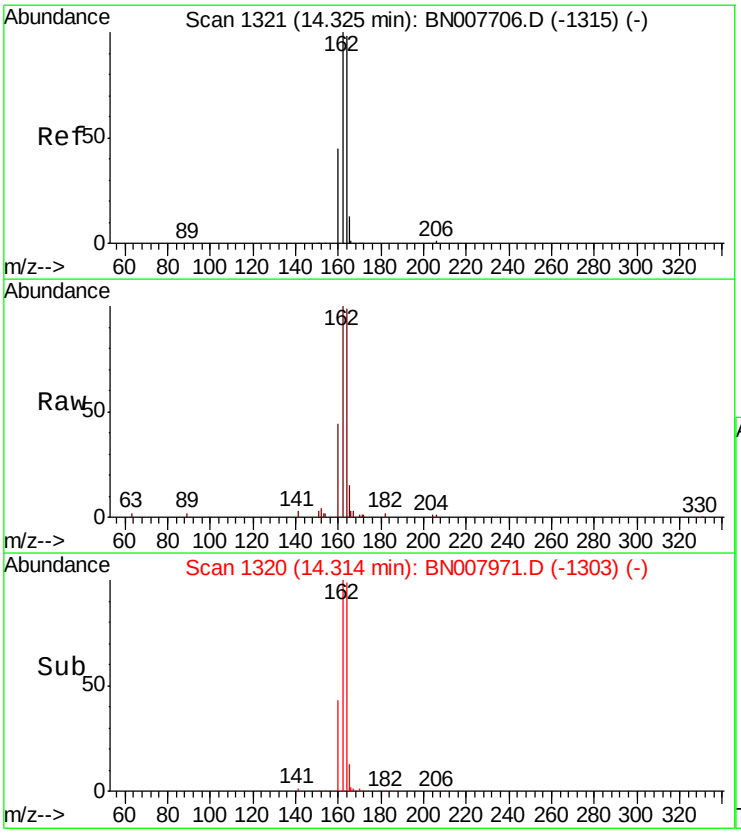
#12
2-Methylnaphthalene
Concen: 0.060 ng
RT: 12.13 min Scan# 1072
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 3059

Ion	Ratio	Lower	Upper
142	100		
141	90.0	70.6	106.0
115	46.5	28.3	42.5#

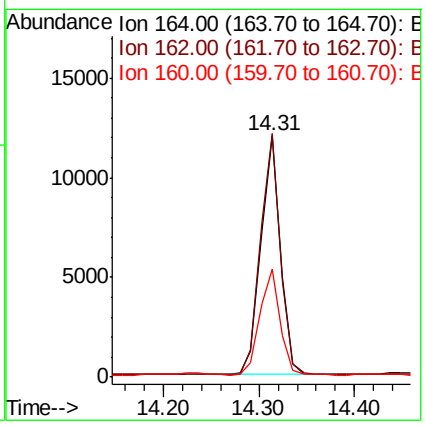


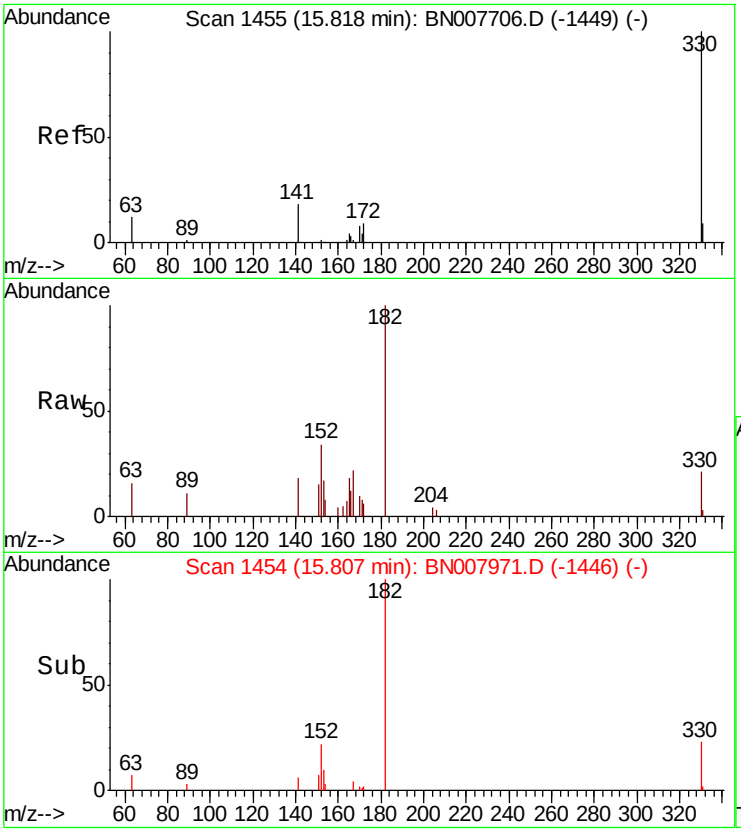


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 1320
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:164 Resp: 17366

Ion	Ratio	Lower	Upper
164	100		
162	100.8	81.7	122.5
160	44.5	37.0	55.4



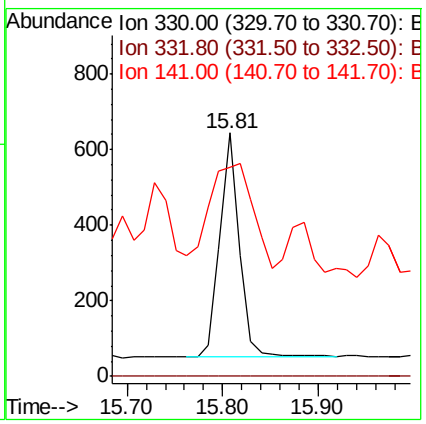


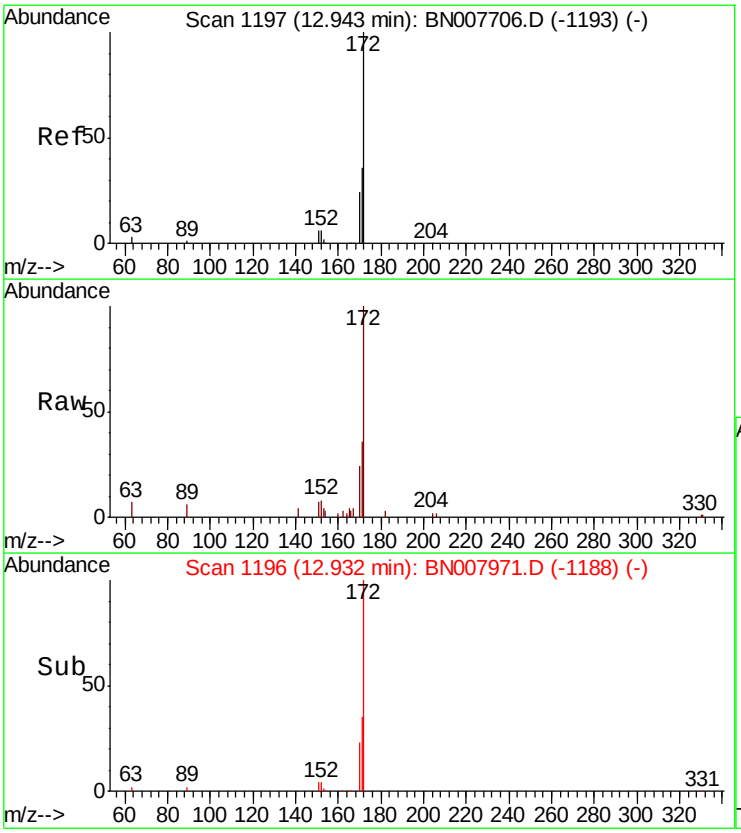
#14
2,4,6-Tribromophenol
Concen: 0.089 ng
RT: 15.81 min Scan# 1454
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:330 Resp: 844

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	101.8	28.7	43.1#

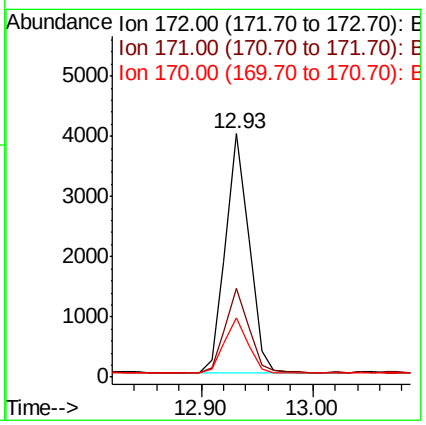


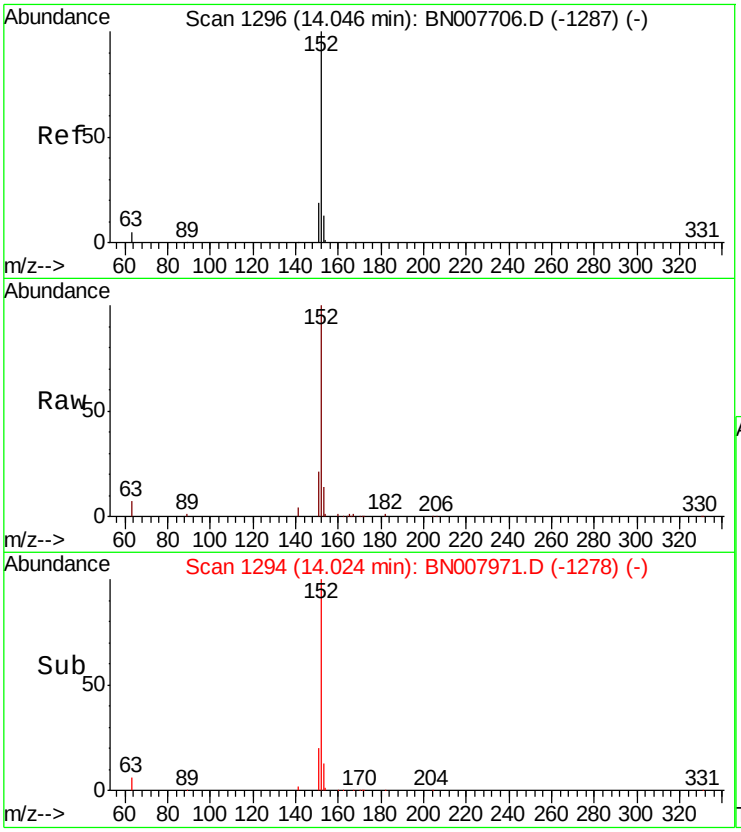


#15
2-Fluorobiphenyl
Concen: 0.081 ng
RT: 12.93 min Scan# 1196
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:172 Resp: 5823

Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.8	43.2
170	24.3	19.5	29.3



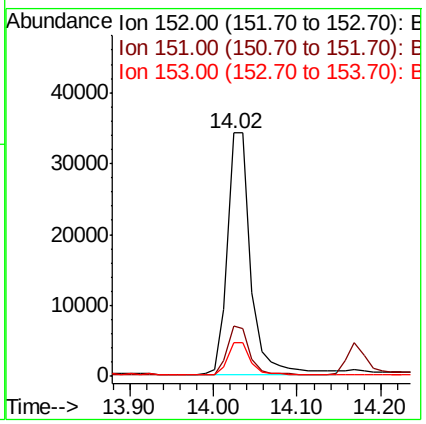


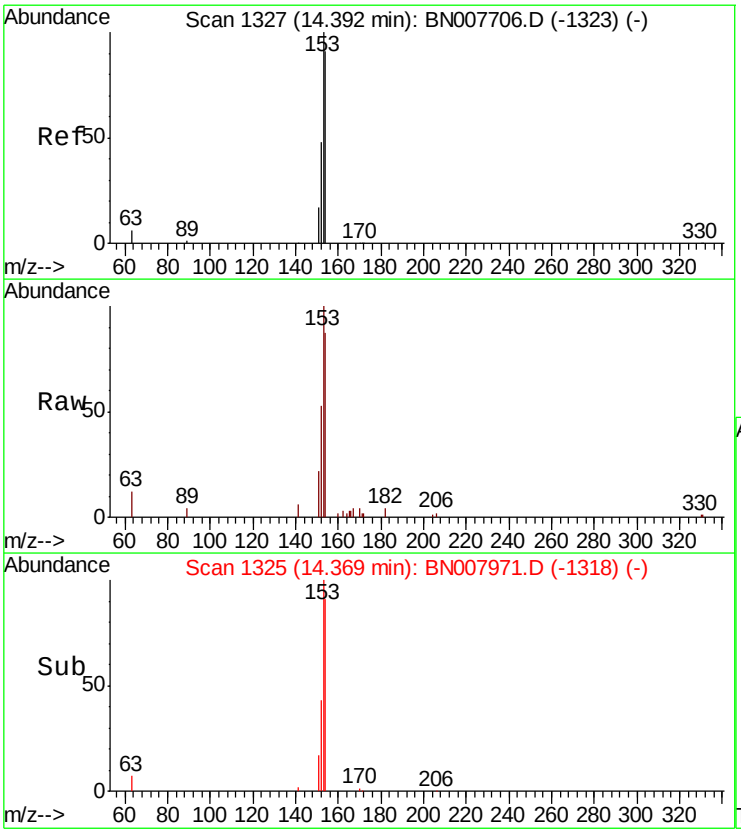
#16
Acenaphthylene
Concen: 0.718 ng
RT: 14.02 min Scan# 1294
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 66150

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.5	23.3
153	13.2	10.4	15.6

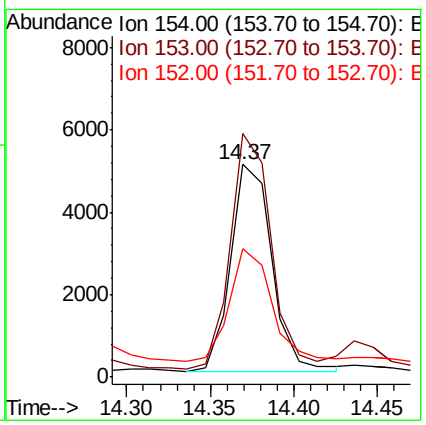


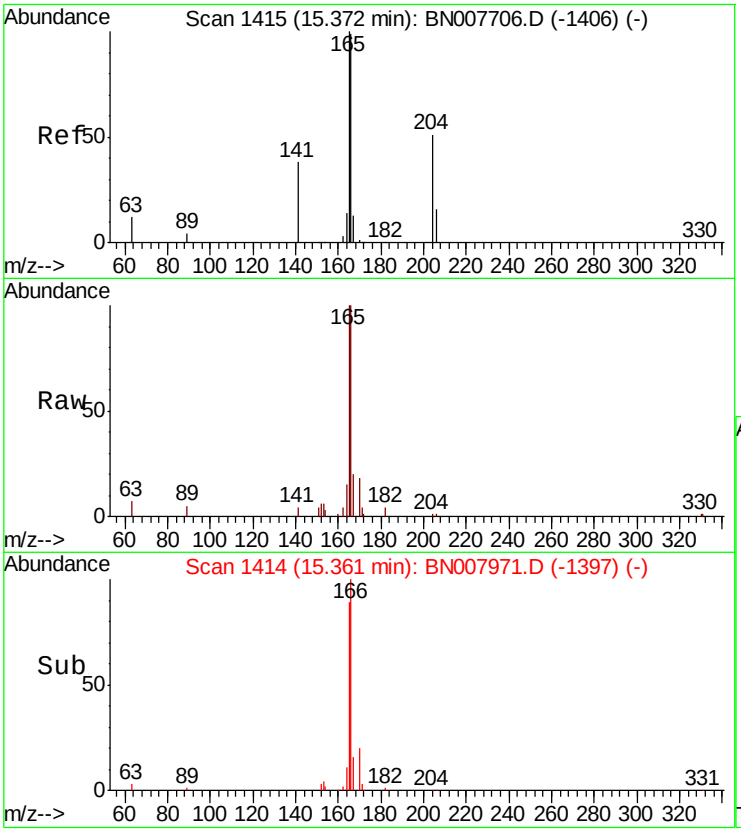


#17
Acenaphthene
Concen: 0.143 ng
RT: 14.37 min Scan# 1325
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:154 Resp: 8520

Ion	Ratio	Lower	Upper
154	100		
153	112.6	87.0	130.4
152	54.8	42.7	64.1



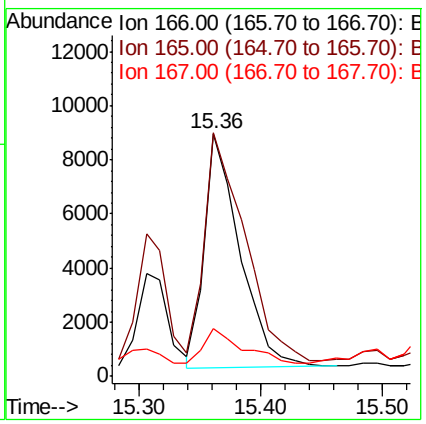


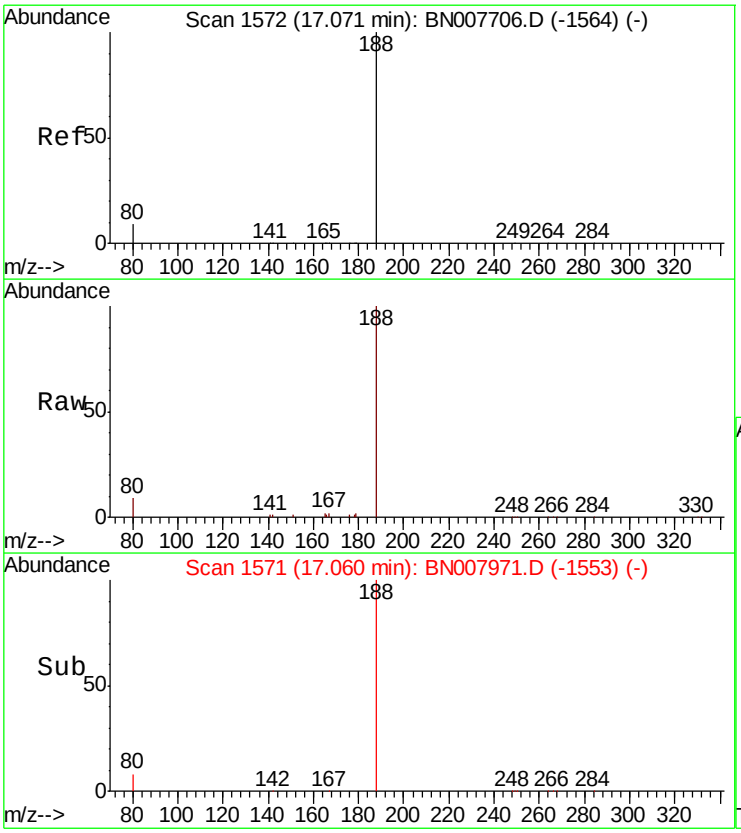
#18
Fluorene
Concen: 0.228 ng
RT: 15.36 min Scan# 1414
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 17366

Ion	Ratio	Lower	Upper
166	100		
165	111.4	78.0	117.0
167	16.2	10.9	16.3

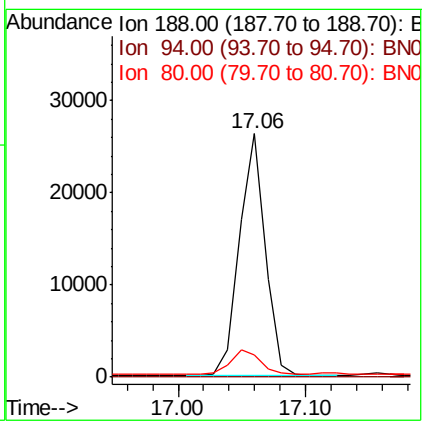


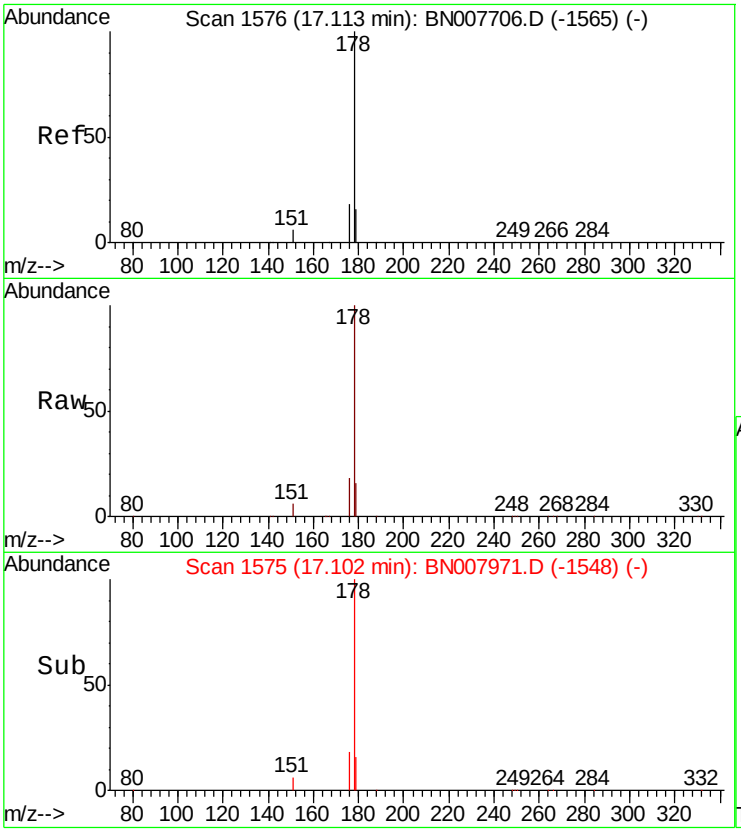


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.06 min Scan# 1571
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:188 Resp: 37178

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



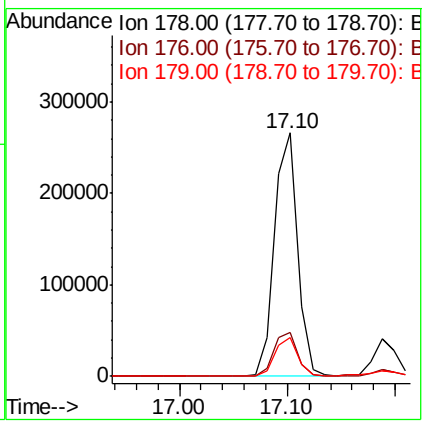


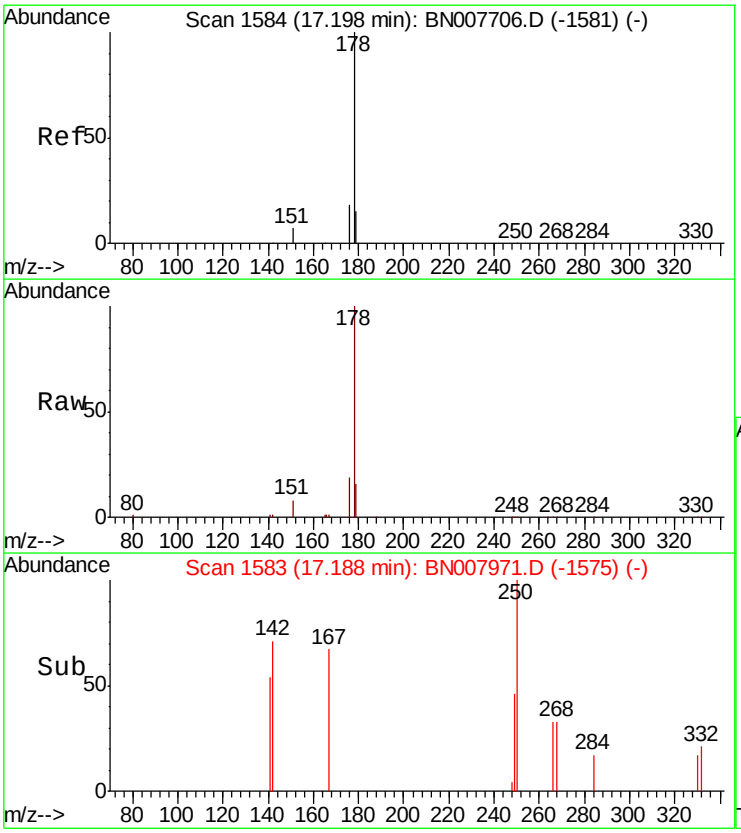
#23
Phenanthrene
Concen: 3.387 ng
RT: 17.10 min Scan# 1575
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 392263

Ion	Ratio	Lower	Upper
178	100		
176	18.6	14.9	22.3
179	15.6	12.5	18.7

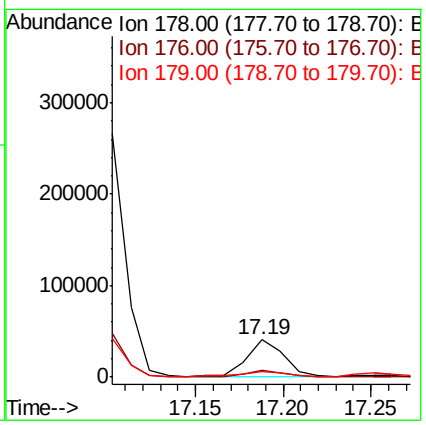


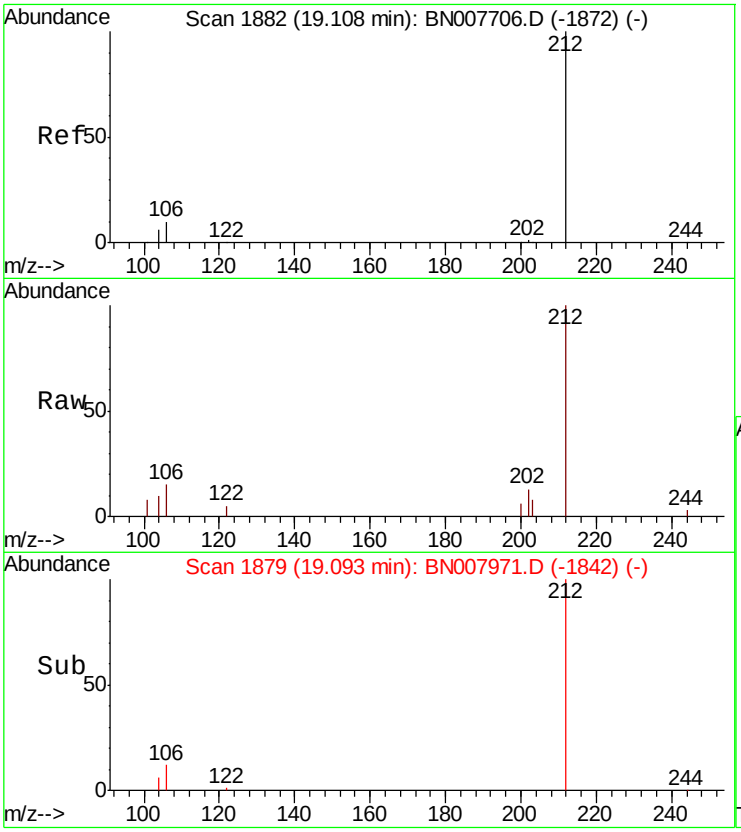


#24
Anthracene
Concen: 0.542 ng
RT: 17.19 min Scan# 1583
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:178 Resp: 56647

Ion	Ratio	Lower	Upper
178	100		
176	18.0	14.6	21.8
179	18.5	12.2	18.4#



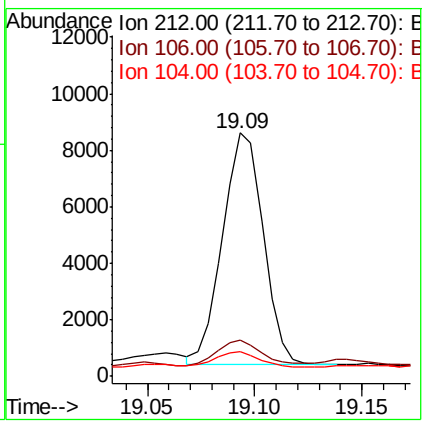


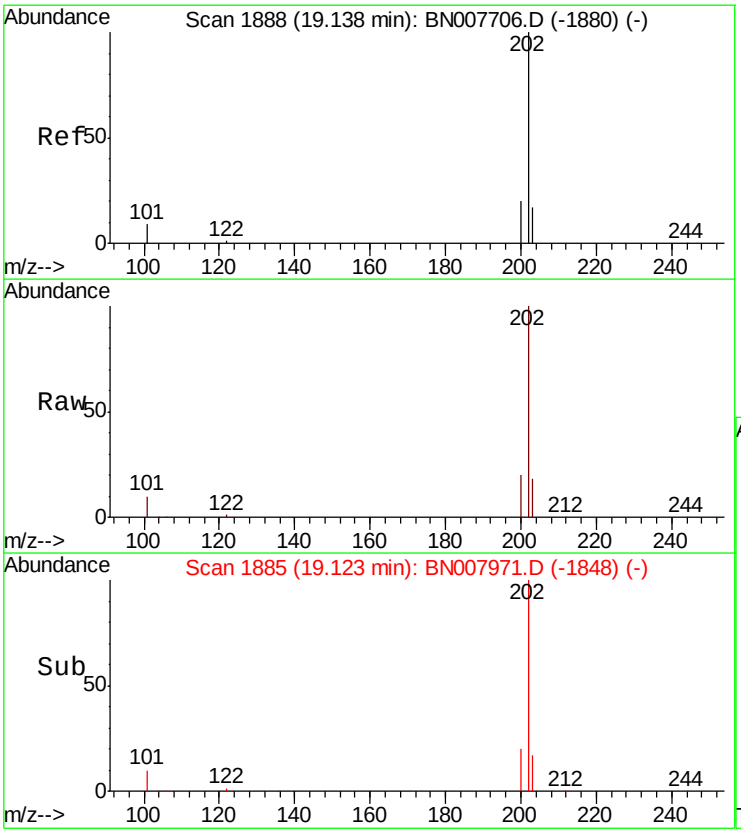
#25
Fluoranthene-d10
Concen: 0.087 ng
RT: 19.09 min Scan# 1879
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:212 Resp: 10860

Ion	Ratio	Lower	Upper
212	100		
106	12.6	9.4	14.0
104	7.4	5.3	7.9

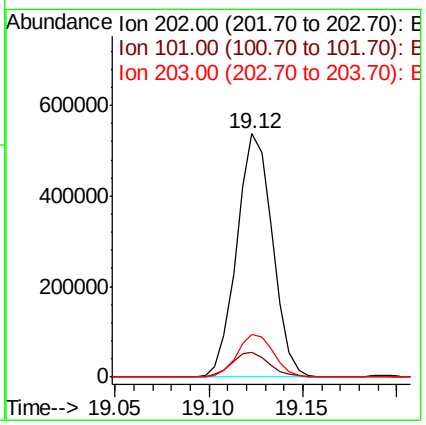


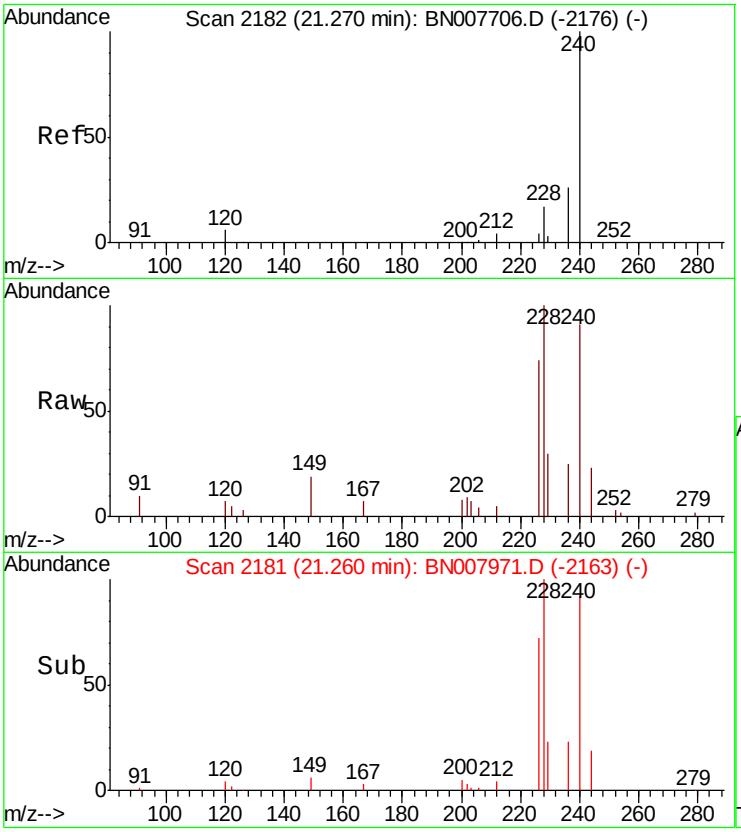


#26
Fluoranthene
Concen: 4.916 ng
RT: 19.12 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:202 Resp: 707932

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.4	12.6
203	17.8	13.8	20.8



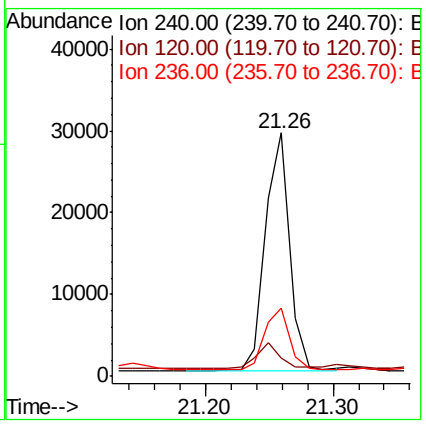


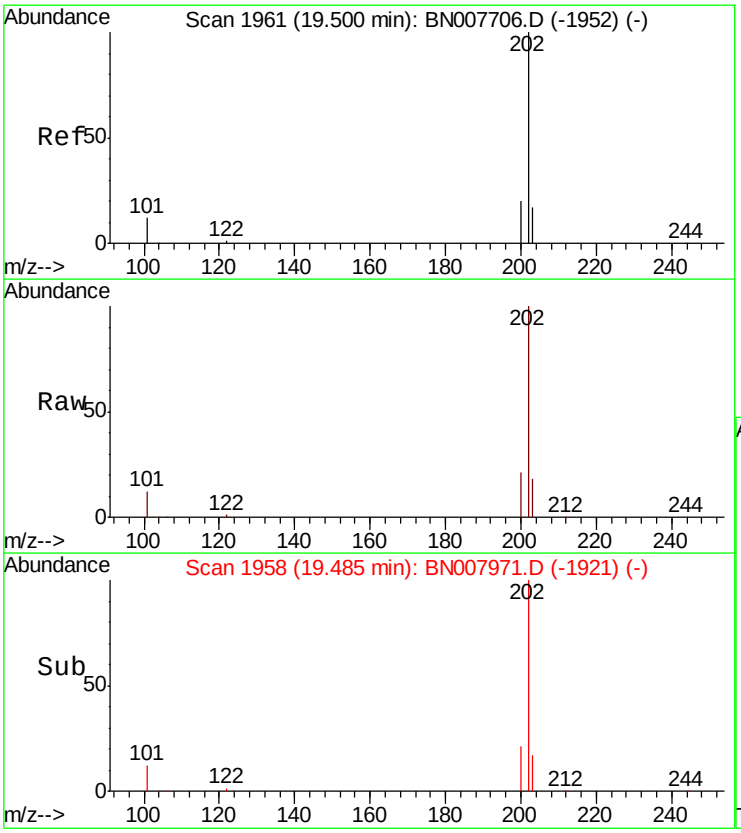
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2181
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:240 Resp: 38494

Ion	Ratio	Lower	Upper
240	100		
120	7.7	5.4	8.2
236	27.9	21.0	31.4

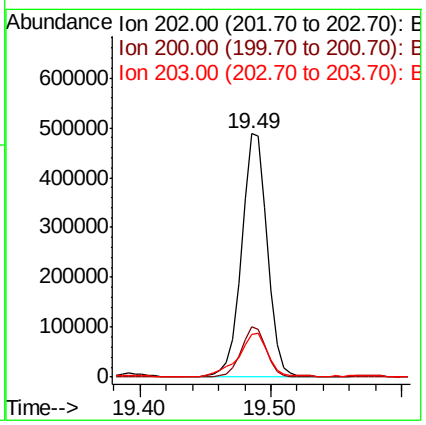


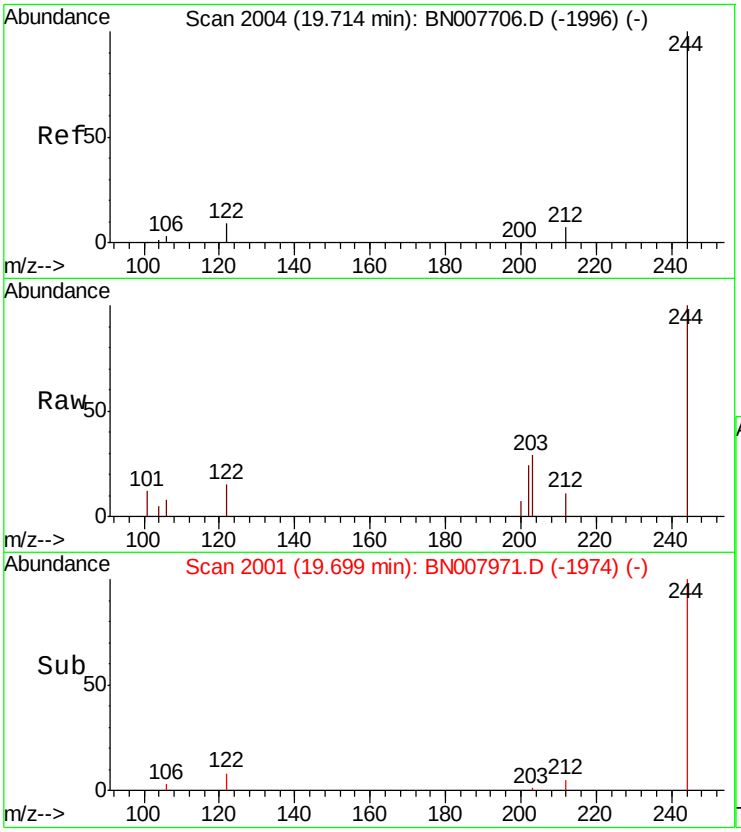


#28
Pyrene
Concen: 5.091 ng
RT: 19.49 min Scan# 1958
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:202 Resp: 668376

Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.4	24.6
203	20.9	14.1	21.1



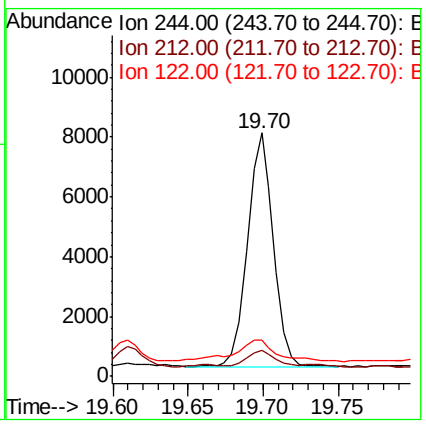


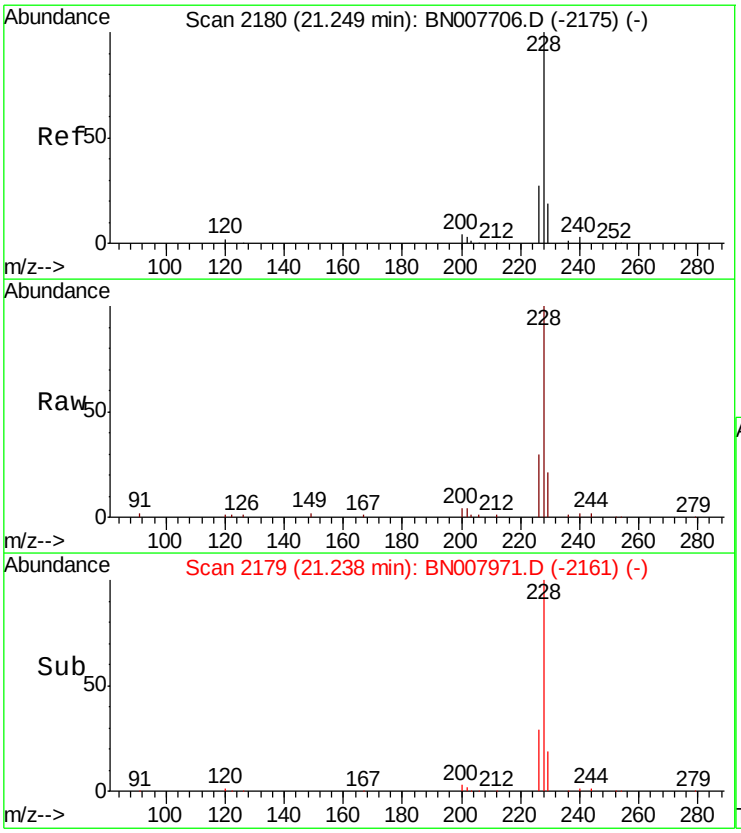
#29
Terphenyl-d14
Concen: 0.099 ng
RT: 19.70 min Scan# 2001
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:244 Resp: 9353

Ion	Ratio	Lower	Upper
244	100		
212	10.7	5.9	8.9#
122	14.6	7.4	11.2#

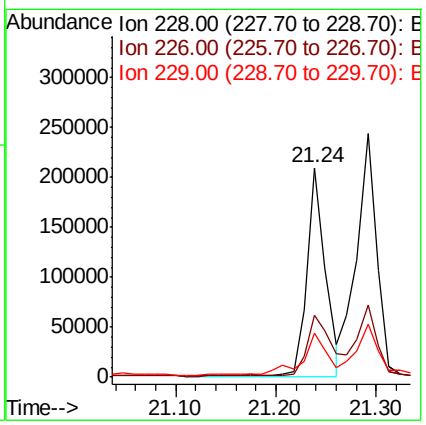


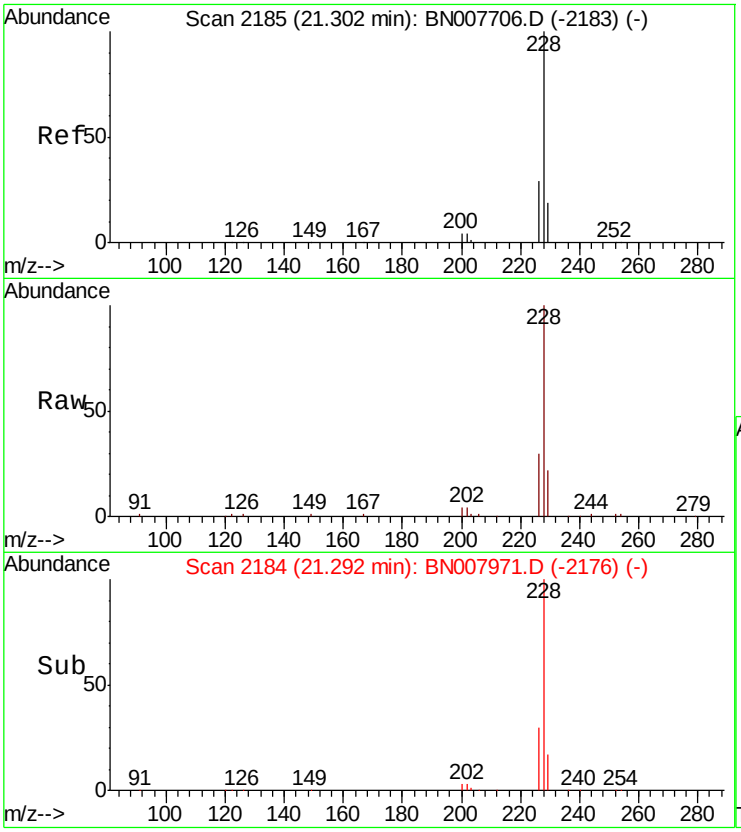


#30
Benzo(a)anthracene
Concen: 1.919 ng
RT: 21.24 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:228 Resp: 271985

Ion	Ratio	Lower	Upper
228	100		
226	29.9	22.1	33.1
229	21.3	15.8	23.6



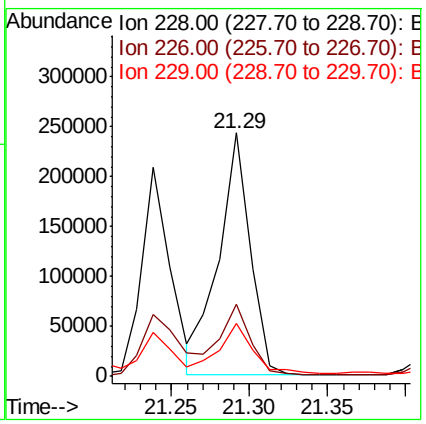


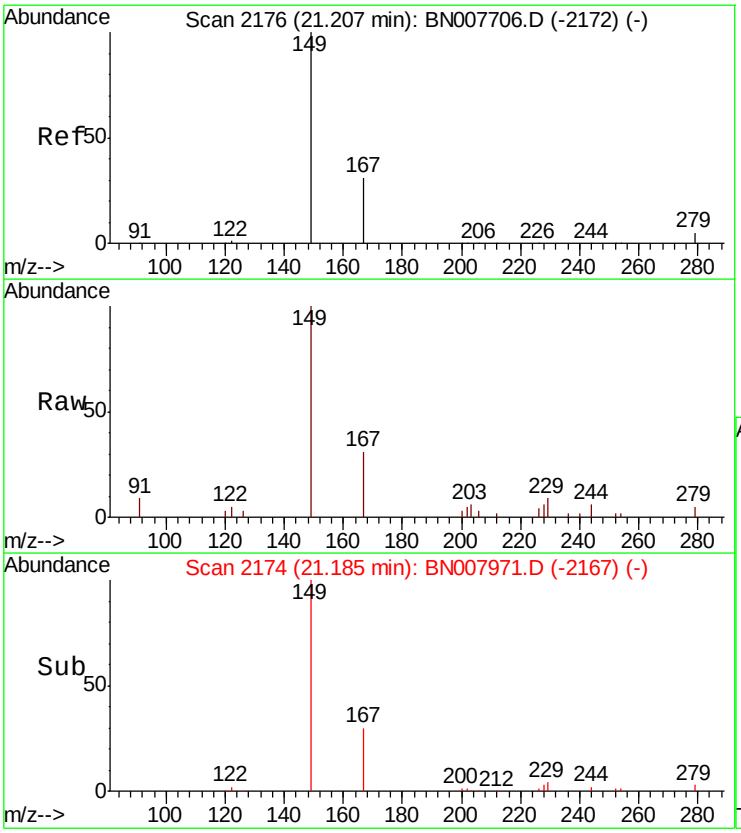
#31
Chrysene
Concen: 2.466 ng
RT: 21.29 min Scan# 2184
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 340637

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.9	35.9
229	21.8	15.8	23.6

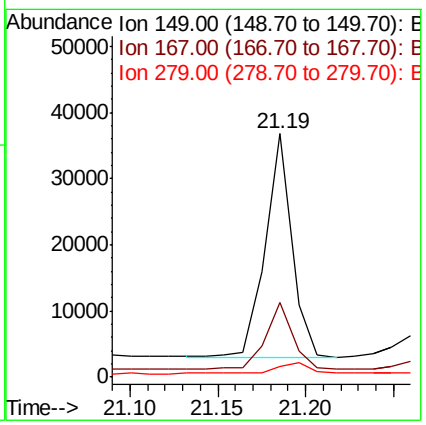


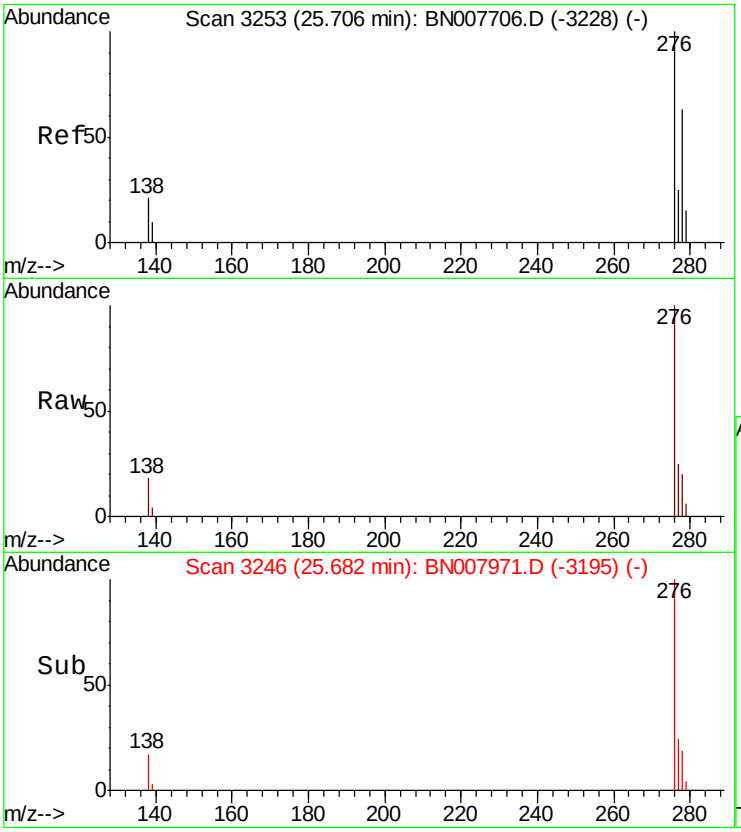


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.497 ng
RT: 21.19 min Scan# 2174
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:149 Resp: 36253

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.7	35.5
279	6.2	4.2	6.2



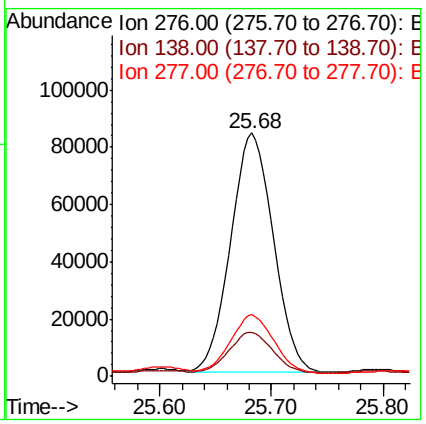


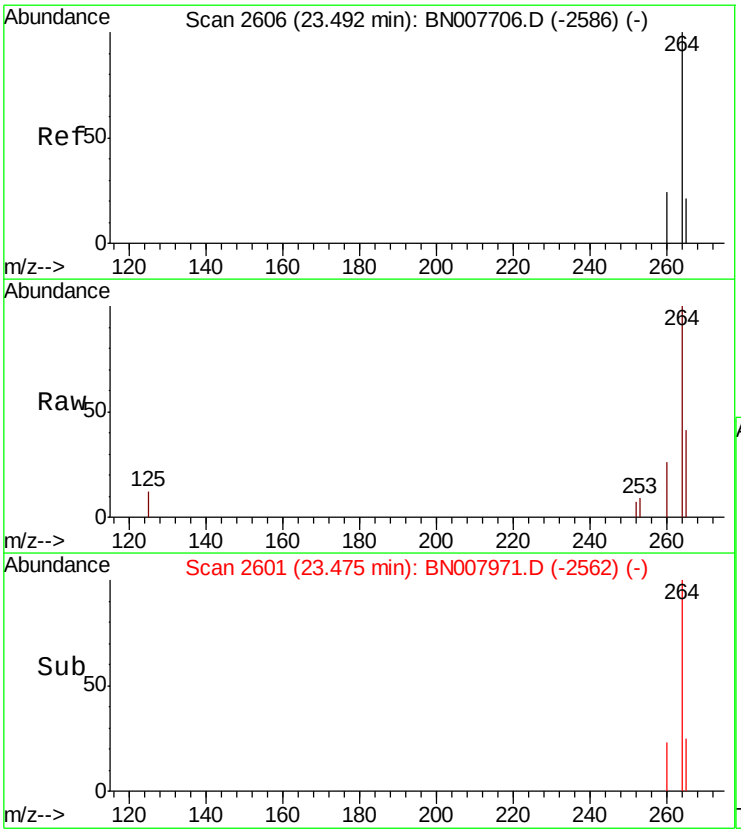
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.277 ng
RT: 25.68 min Scan# 3246
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 220949

Ion	Ratio	Lower	Upper
276	100		
138	17.1	17.1	25.7#
277	24.7	20.0	30.0

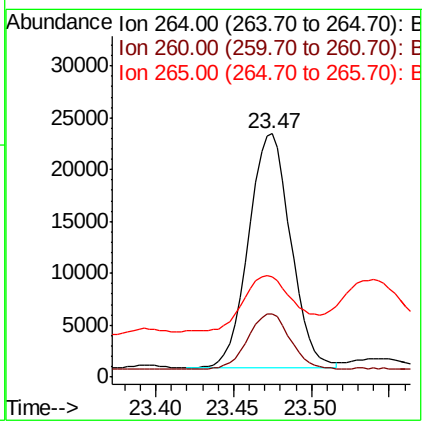


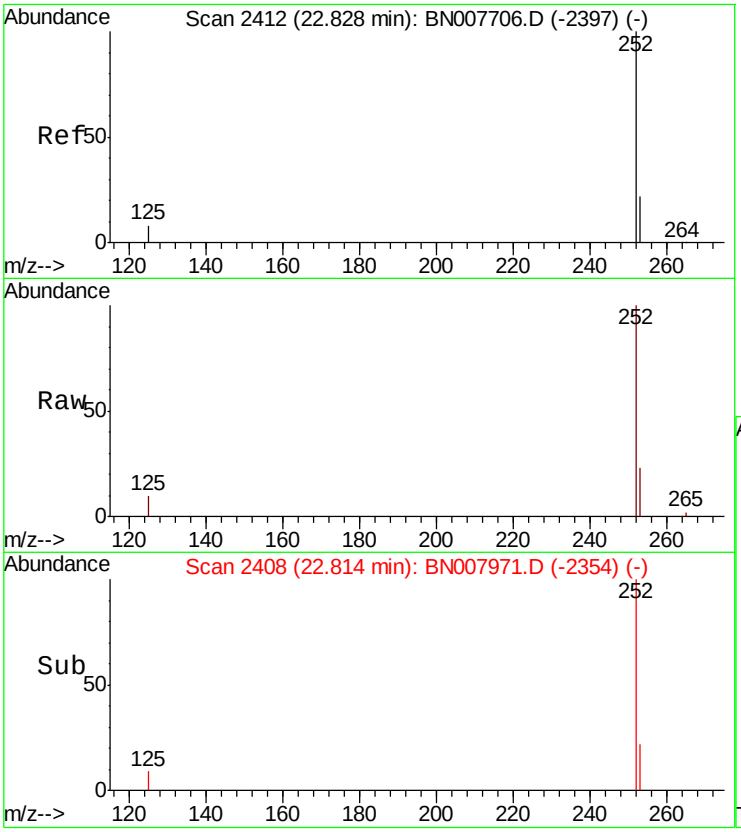


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2601
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:264 Resp: 42275

Ion	Ratio	Lower	Upper
264	100		
260	26.0	19.3	28.9
265	41.4	26.9	40.3#



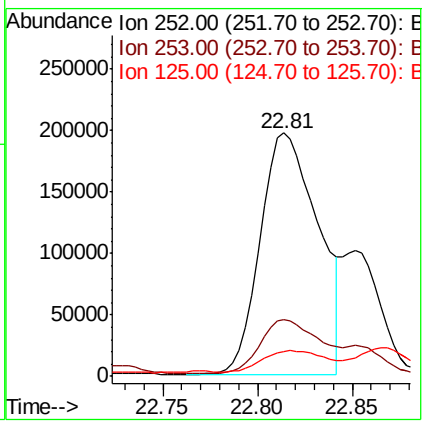


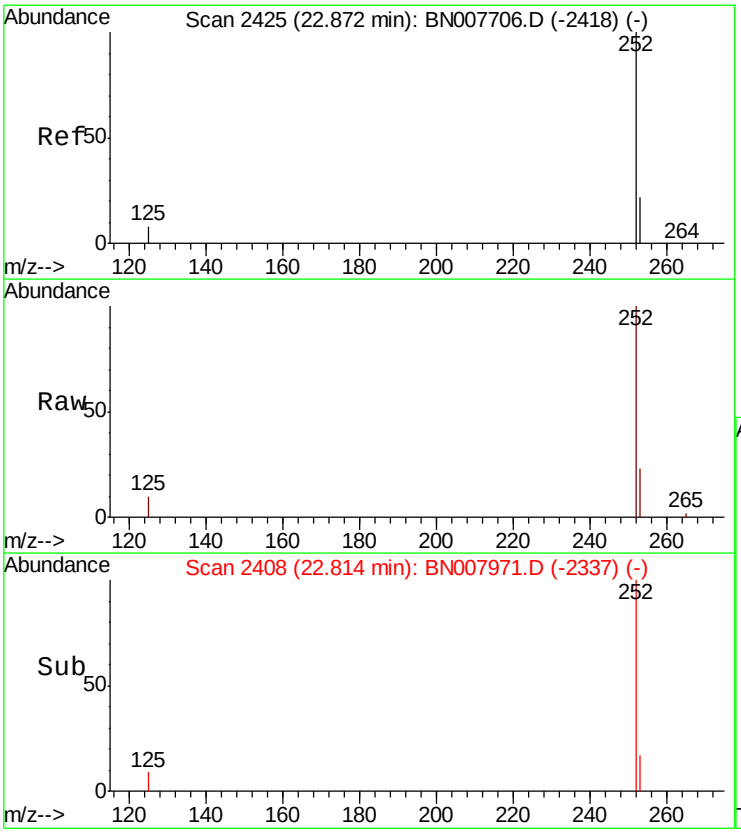
#35
Benzo(b)fluoranthene
Concen: 2.843 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.01 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 417306

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.3	27.5
125	10.2	8.2	12.4

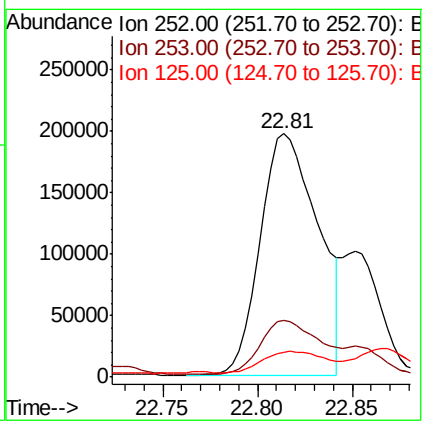


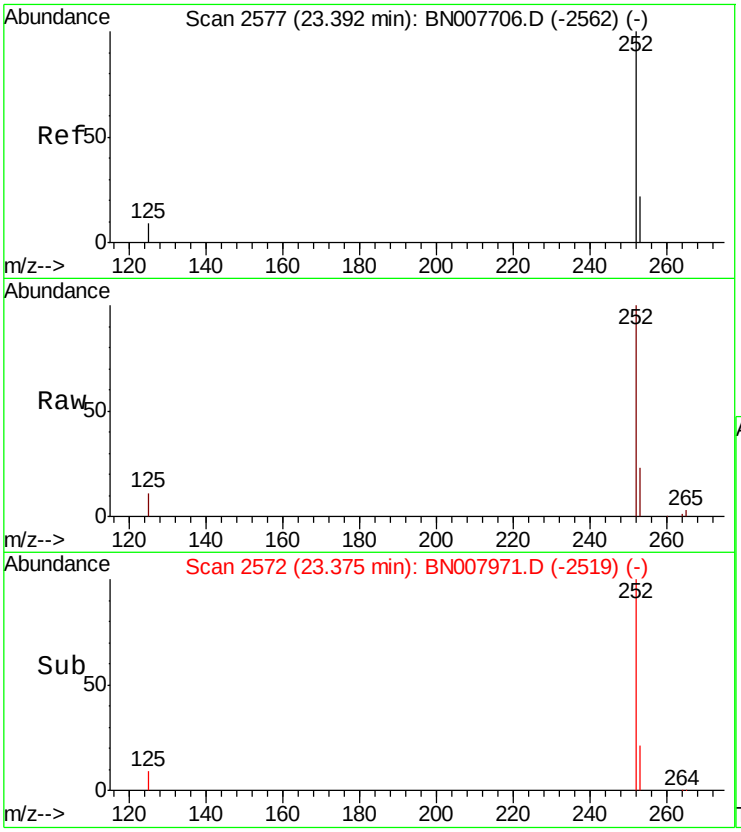


#36
Benzo(k)fluoranthene
Concen: 2.875 ng
RT: 22.81 min Scan# 2408
Delta R.T. -0.06 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:252 Resp: 417306

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.5	27.7
125	10.2	8.4	12.6



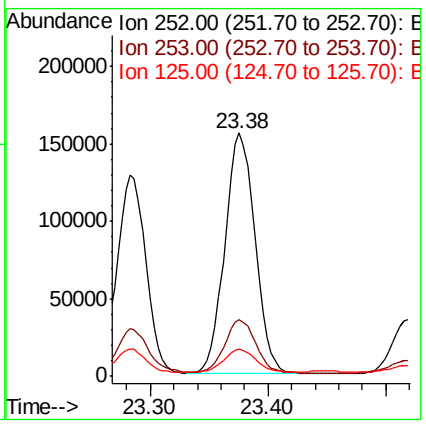


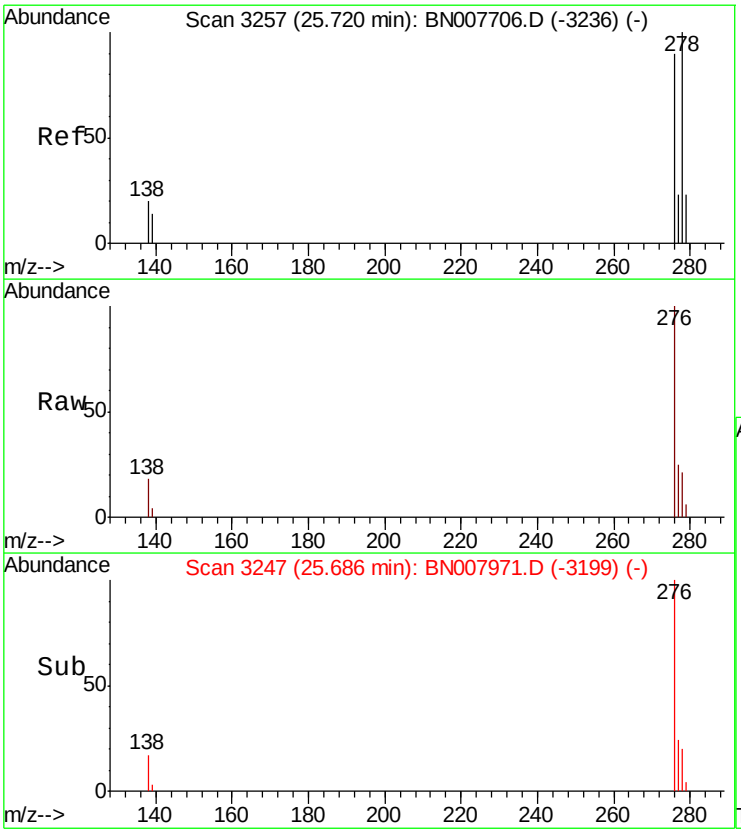
#37
Benzo(a)pyrene
Concen: 2.006 ng
RT: 23.38 min Scan# 2572
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 276711

Ion	Ratio	Lower	Upper
252	100		
253	23.3	18.6	27.8
125	11.0	9.4	14.0

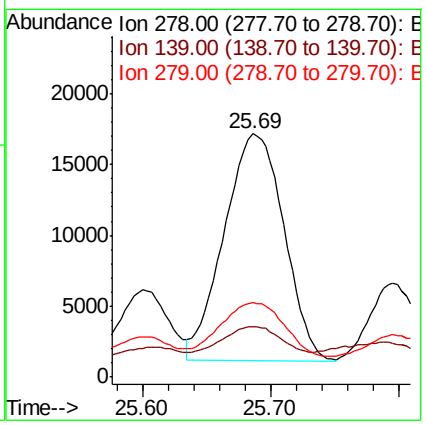


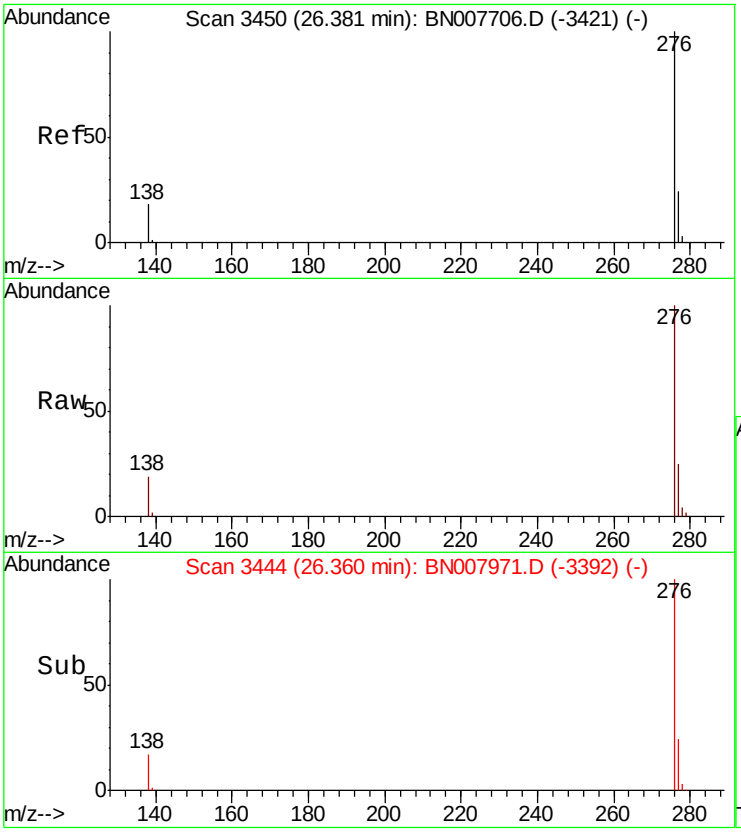


#38
Dibenzo(a,h)anthracene
Concen: 0.367 ng
RT: 25.69 min Scan# 3247
Delta R.T. -0.03 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Tgt Ion:278 Resp: 51849

Ion	Ratio	Lower	Upper
278	100		
139	20.7	11.8	17.6#
279	30.4	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.640 ng
RT: 26.36 min Scan# 3444
Delta R.T. -0.02 min
Lab File: BN007971.D
Acq: 02 Oct 2019 18:29

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 229023

Ion	Ratio	Lower	Upper
276	100		
277	24.9	19.8	29.8
138	18.7	15.1	22.7