Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006661.D
Acq On : 01 Jul 2019 15:19
Operator : HP/JU
Sample : K3504-09
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-029-SW158-062019

Quant Time: Jul 02 05:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4255	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	16847	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	9272	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	19510	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	18028	0.40	ng		-0.01
34) Perylene-d12	23.49	264	20220	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2862	0.27	ng		0.00
5) Phenol-d6	6.82	99	3907	0.28	ng		0.00
8) Nitrobenzene-d5	8.79	82	2661	0.23	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	6226	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1113	0.25	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	8079	0.24	ng		-0.01
25) Fluoranthene-d10	19.07	212	11400	0.20	ng		0.00
29) Terphenyl-d14	19.68	244	8011	0.21	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.45	128	3224	0.073	ng	#	89
12) 2-Methylnaphthalene	12.07	142	2288	0.075	ng		96
16) Acenaphthylene	13.99	152	20036	0.453	ng		99
17) Acenaphthene	14.33	154	2294	0.079	ng		96
18) Fluorene	15.32	166	4566	0.124	ng	#	87
22) Pentachlorophenol	16.72	266	16	0.197	ng	#	70
23) Phenanthrene	17.07	178	104924	1.891	ng		100
24) Anthracene	17.16	178	19721	0.410	ng		99
26) Fluoranthene	19.11	202	172175	2.554	ng		99
28) Pyrene	19.47	202	188870	2.994	ng		97
30) Benzo(a)anthracene	21.24	228	84685	1.437	ng		95
31) Chrysene	21.29	228	103385	1.627	ng		96
32) Bis(2-ethylhexyl)phthalate	21.16	149	209887	7.075	ng		100
33) Indeno(1,2,3-cd)pyrene	25.73	276	56270	0.875	ng		97
35) Benzo(b)fluoranthene	22.83	252	113187	1.646	ng	#	97
36) Benzo(k)fluoranthene	22.83	252	113187	1.544	ng	#	96
37) Benzo(a)pyrene	23.40	252	80946	1.259	ng		97
38) Dibenzo(a,h)anthracene	25.73	278	15568	0.277	ng	#	72
39) Benzo(g,h,i)perylene	26.42	276	58477	1.043	ng		97

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
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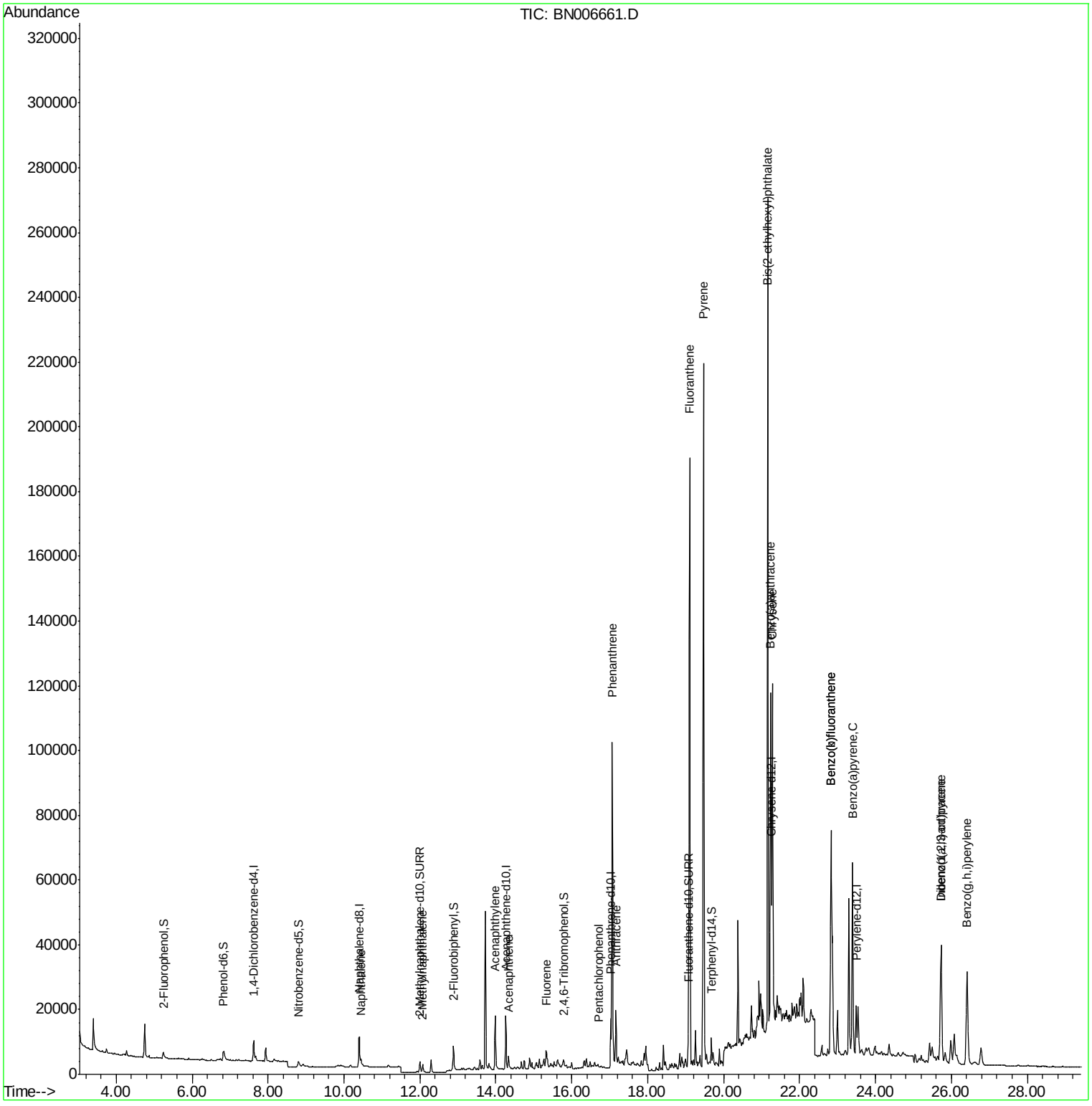
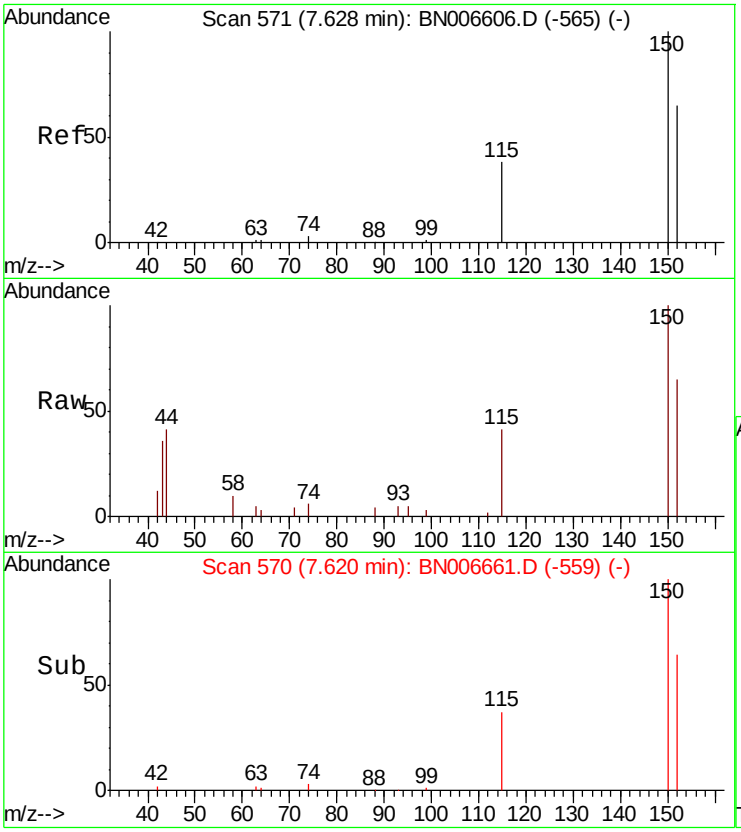
Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Quant Time: Jul 02 05:05:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



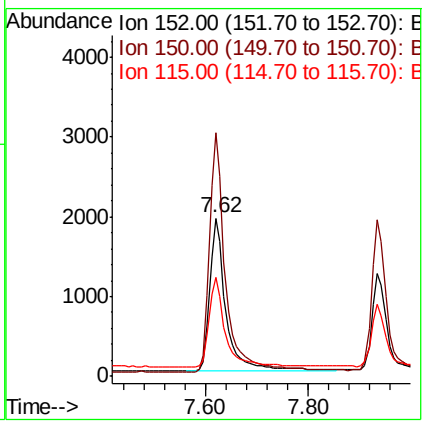


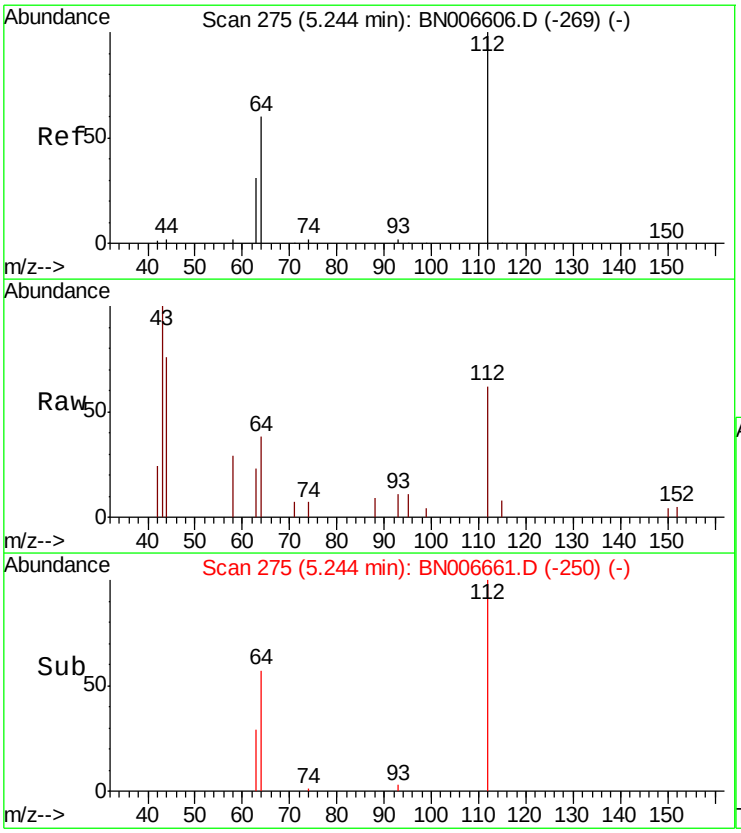
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:152 Resp: 4255

Ion	Ratio	Lower	Upper
152	100		
150	154.3	122.2	183.2
115	62.9	50.0	75.0

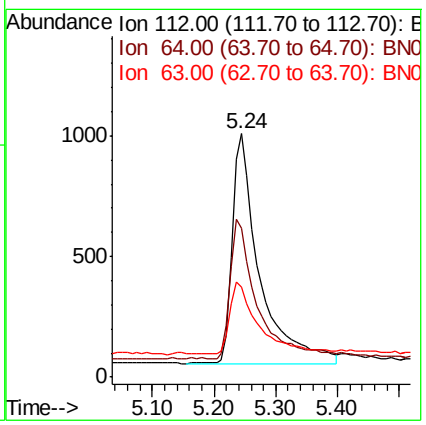


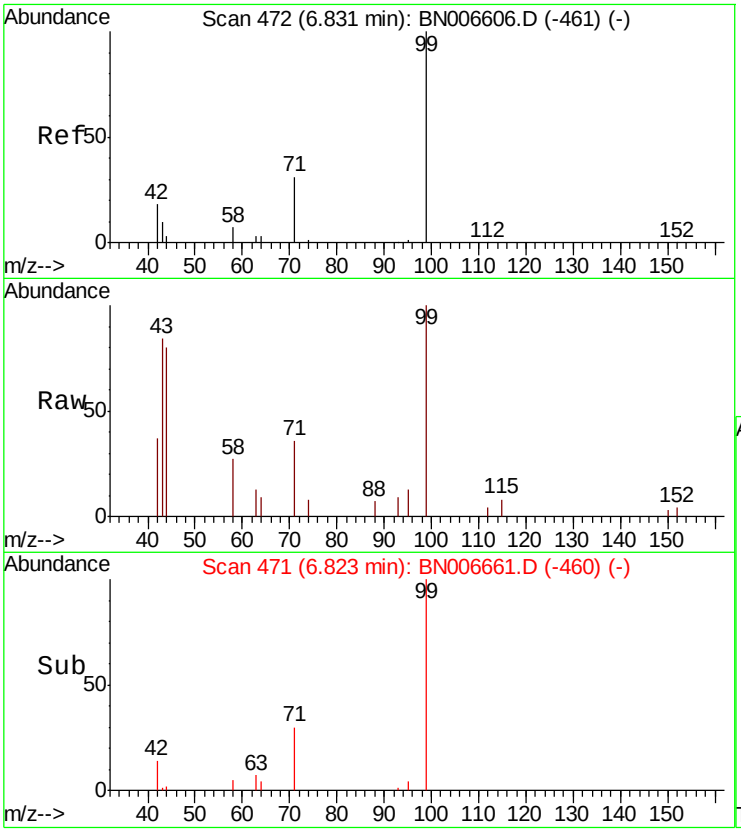


#4
2-Fluorophenol
Concen: 0.274 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:112 Resp: 2862

Ion	Ratio	Lower	Upper
112	100		
64	61.5	48.9	73.3
63	33.4	24.3	36.5



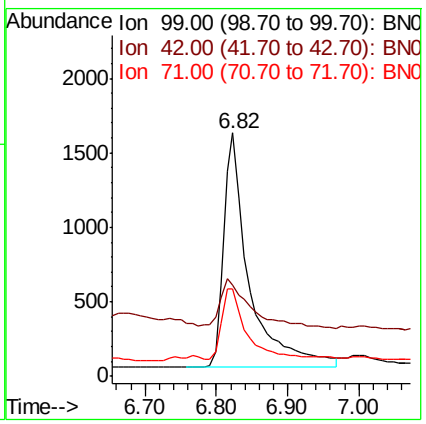


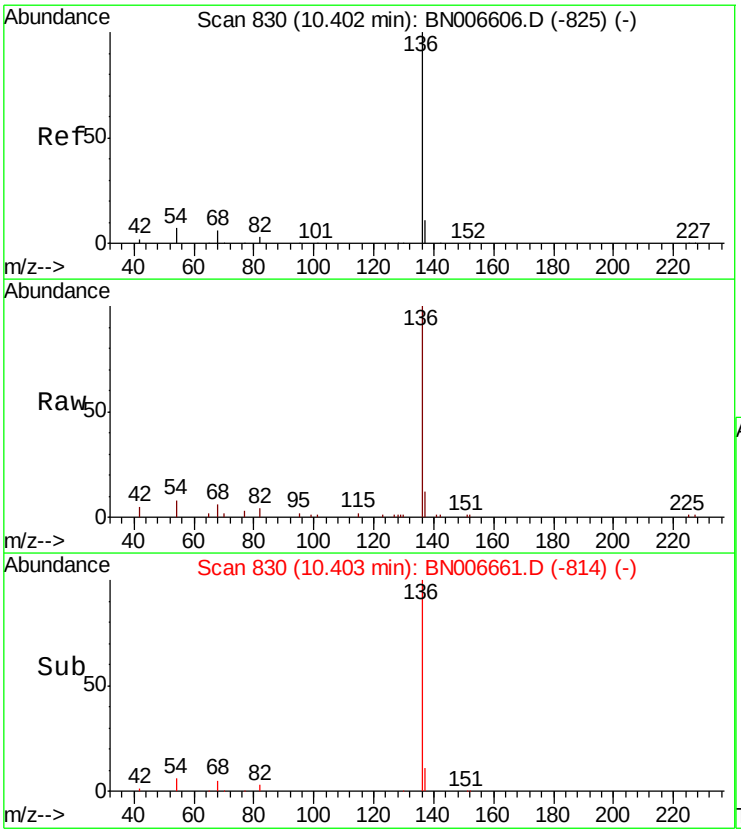
#5
Phenol-d6
Concen: 0.283 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion: 99 Resp: 3907

Ion	Ratio	Lower	Upper
99	100		
42	26.2	16.4	24.6#
71	28.8	26.6	40.0

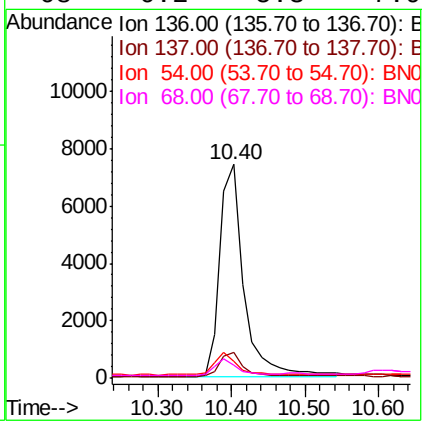


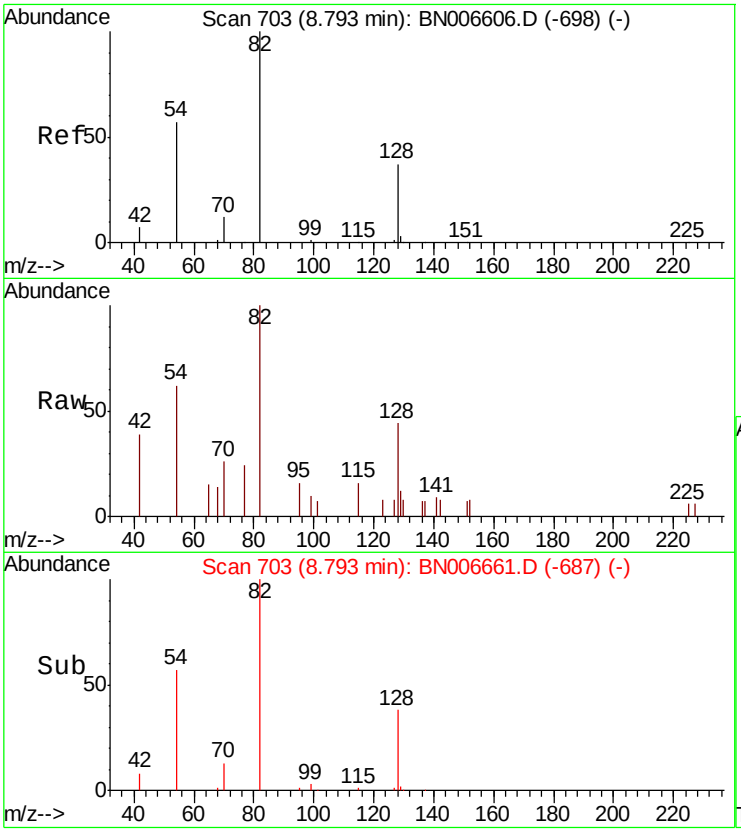


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:136 Resp: 16847

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	7.6	6.7	10.1
68	6.2	5.3	7.9



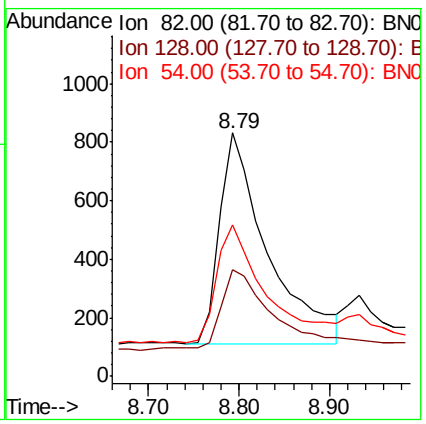


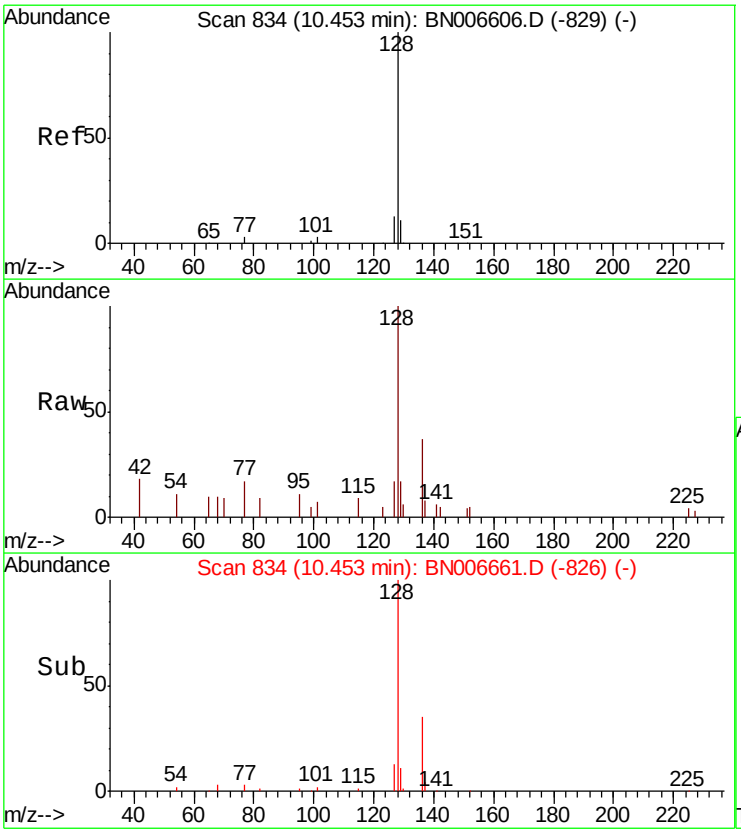
#8
Nitrobenzene-d5
Concen: 0.235 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion: 82 Resp: 2661

Ion	Ratio	Lower	Upper
82	100		
128	44.0	32.6	49.0
54	62.4	48.2	72.4

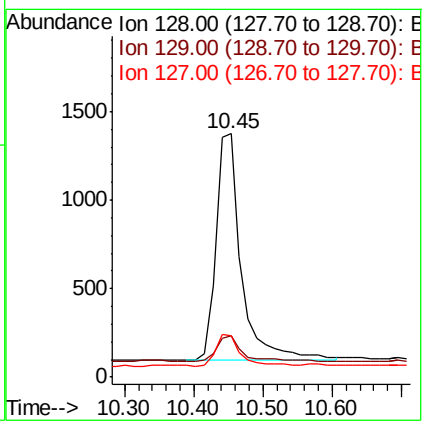


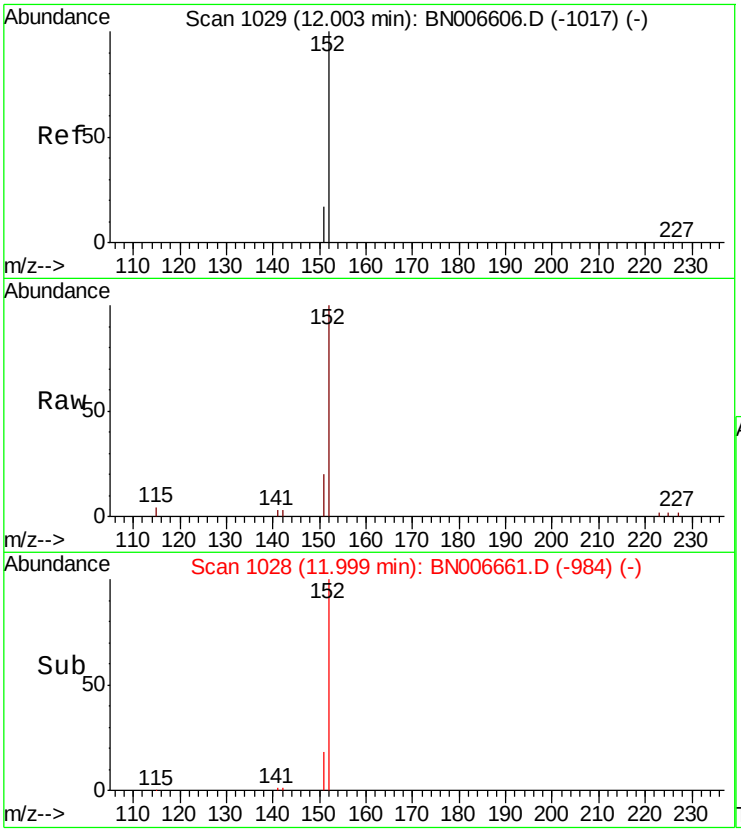


#9
Naphthalene
Concen: 0.073 ng
RT: 10.45 min Scan# 834
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:128 Resp: 3224

Ion	Ratio	Lower	Upper
128	100		
129	16.9	9.3	13.9#
127	17.0	10.8	16.2#



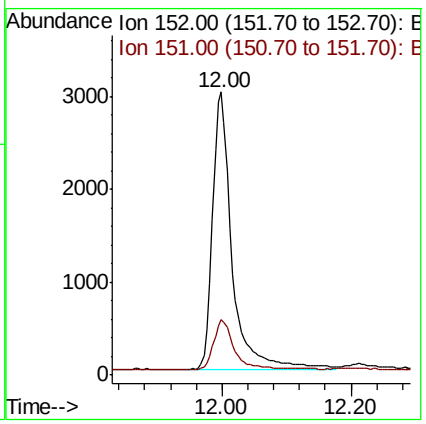


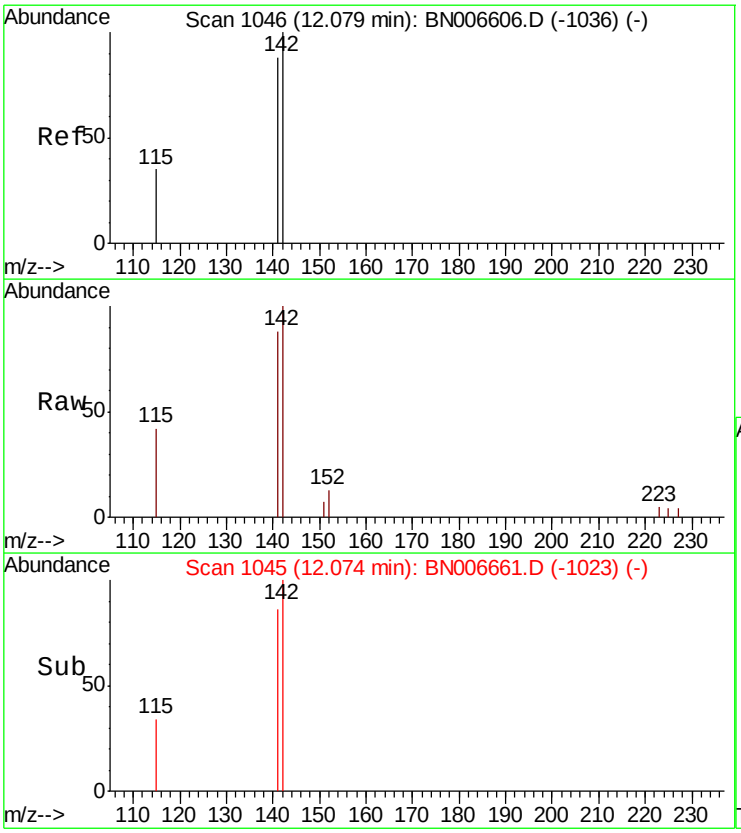
#11
2-Methylnaphthalene-d10
Concen: 0.235 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:152 Resp: 6226

Ion	Ratio	Lower	Upper
152	100		
151	19.1	15.0	22.4

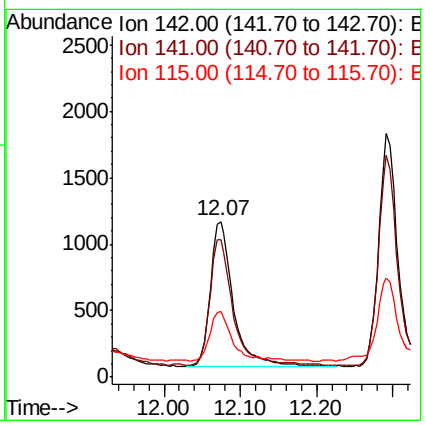


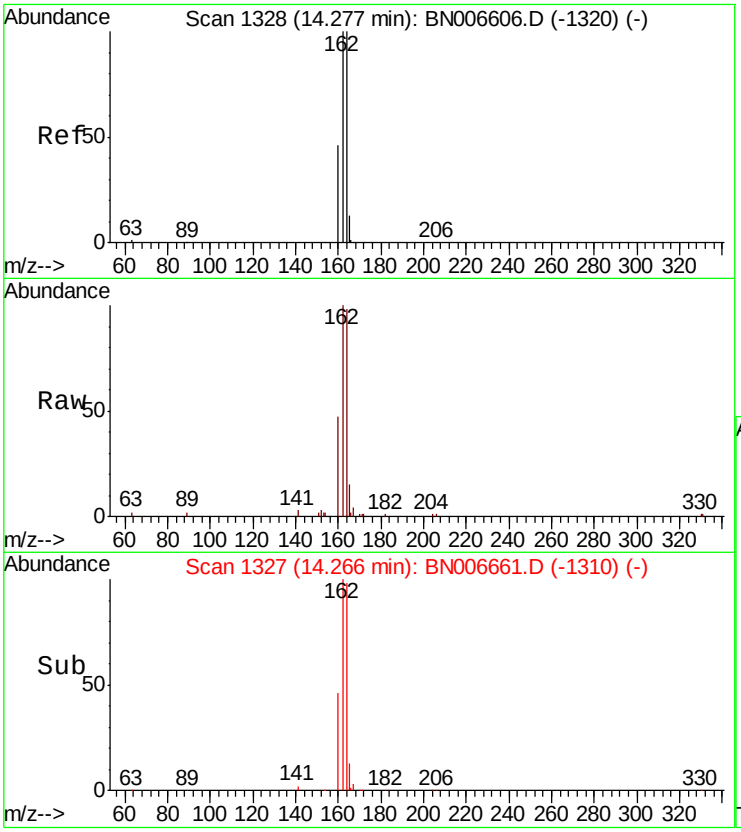


#12
2-Methylnaphthalene
Concen: 0.075 ng
RT: 12.07 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:142 Resp: 2288

Ion	Ratio	Lower	Upper
142	100		
141	88.1	70.2	105.4
115	42.4	28.5	42.7



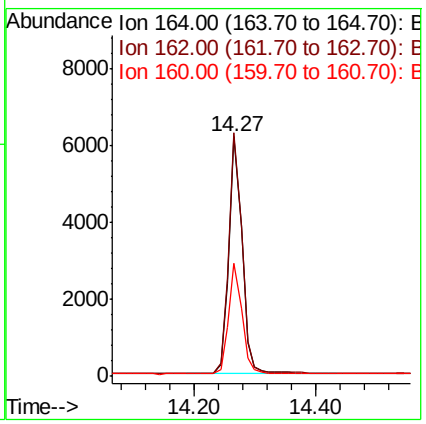


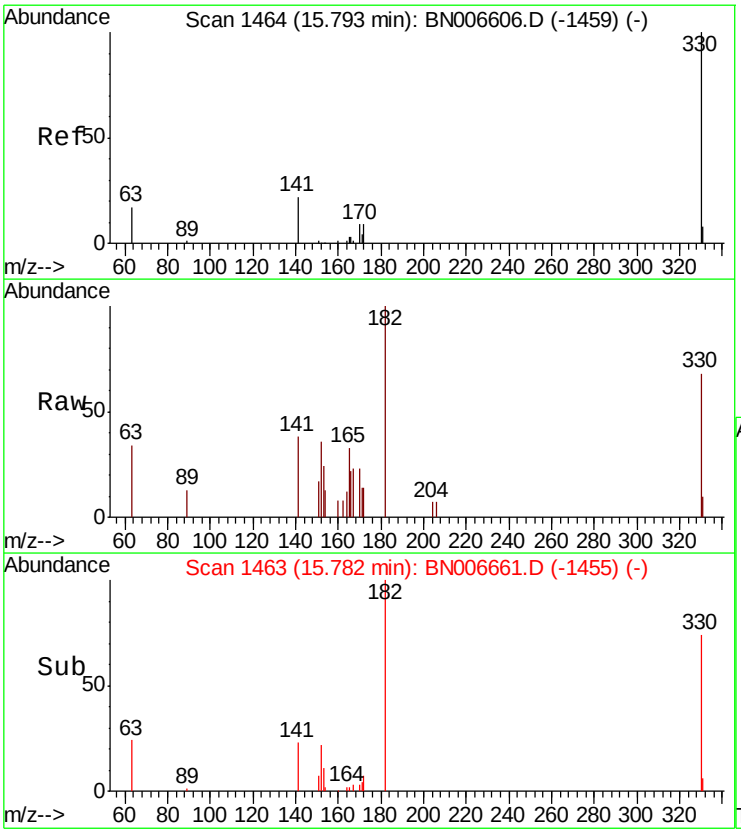
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:164 Resp: 9272

Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.0	120.0
160	47.5	37.0	55.4

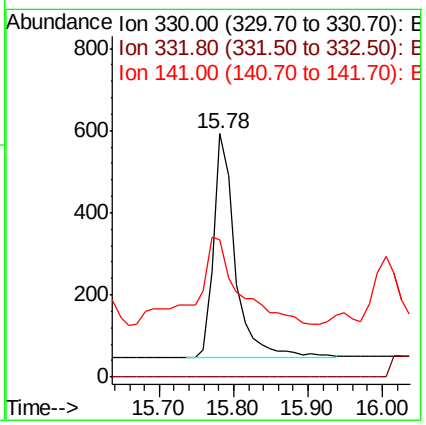


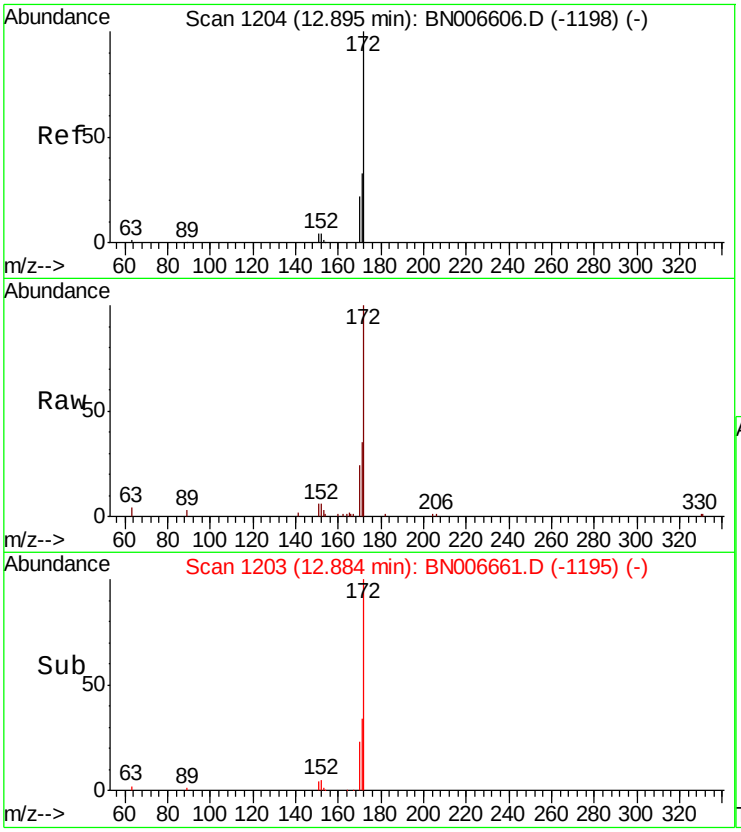


#14
2,4,6-Tribromophenol
Concen: 0.255 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:330 Resp: 1113

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	69.0	26.5	39.7#



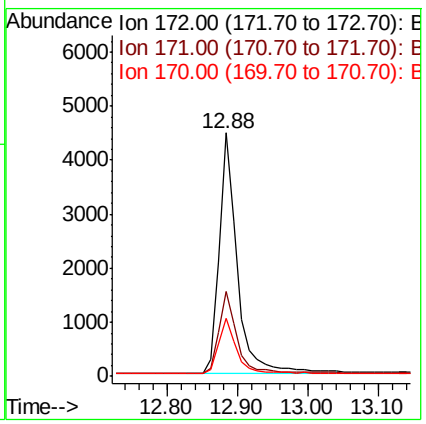


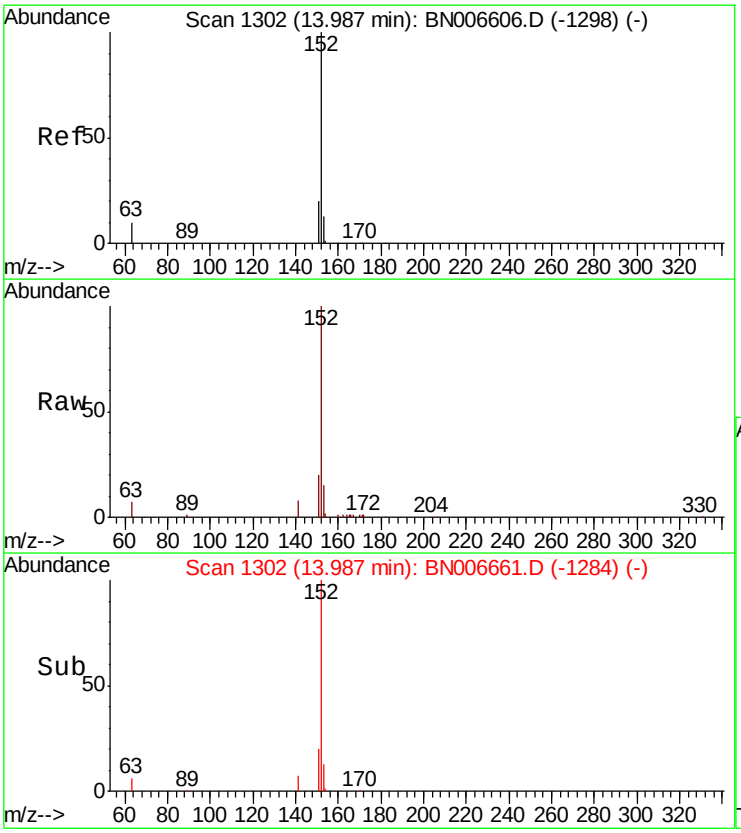
#15
2-Fluorobiphenyl
Concen: 0.235 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:172 Resp: 8079

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.0	40.4
170	23.8	17.7	26.5

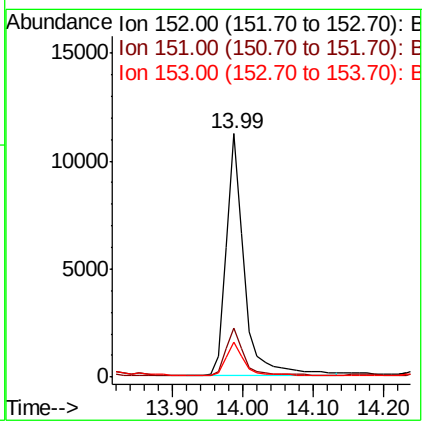


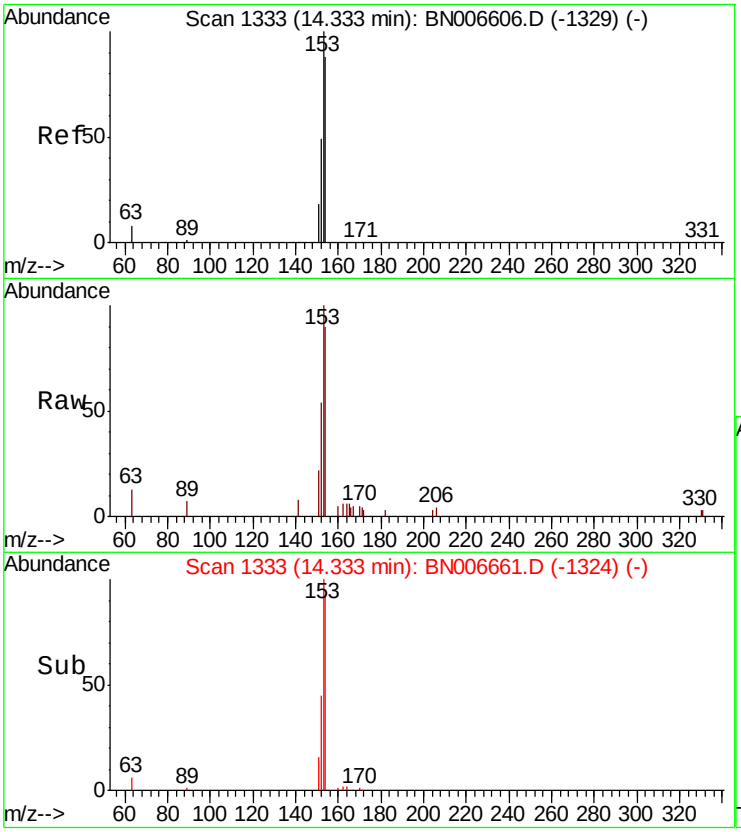


#16
Acenaphthylene
Concen: 0.453 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:152 Resp: 20036

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.6	23.4
153	13.5	10.5	15.7



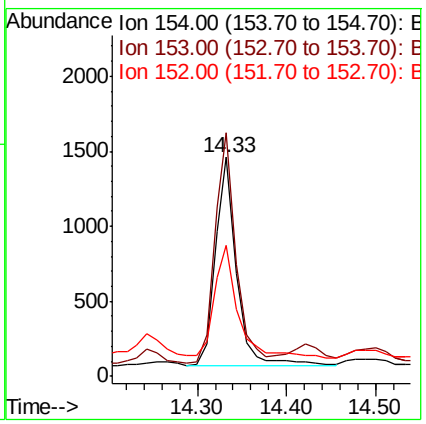


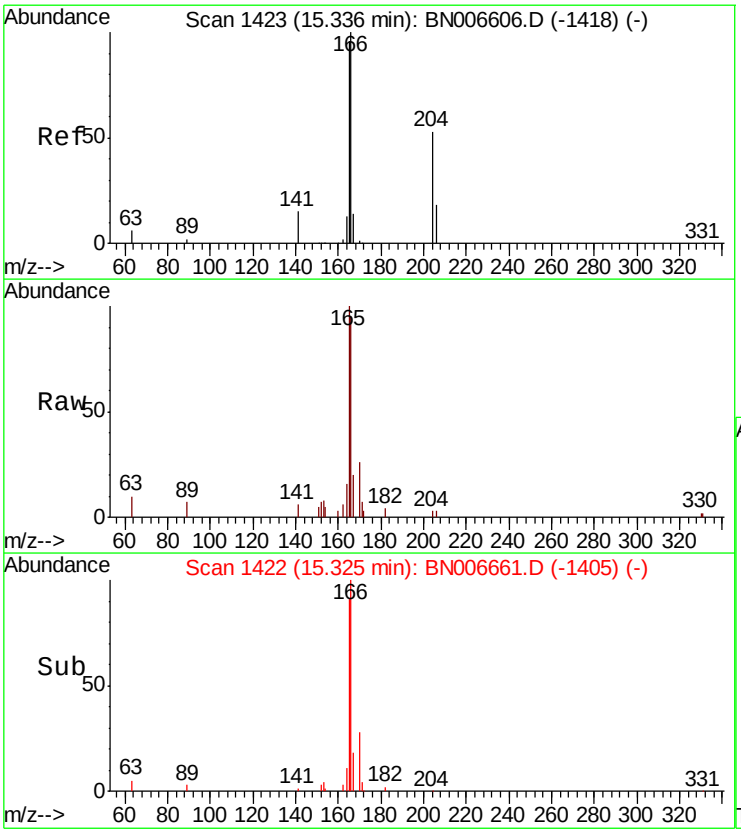
#17
Acenaphthene
Concen: 0.079 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:154 Resp: 2294

Ion	Ratio	Lower	Upper
154	100		
153	110.8	90.2	135.4
152	60.8	44.2	66.4

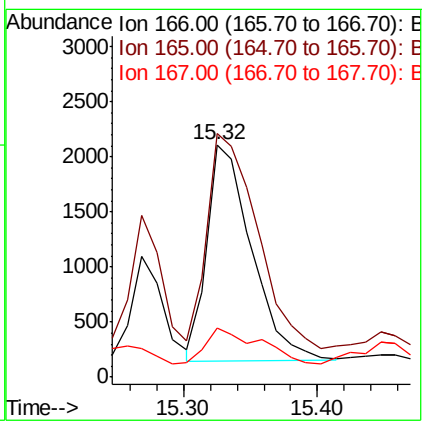


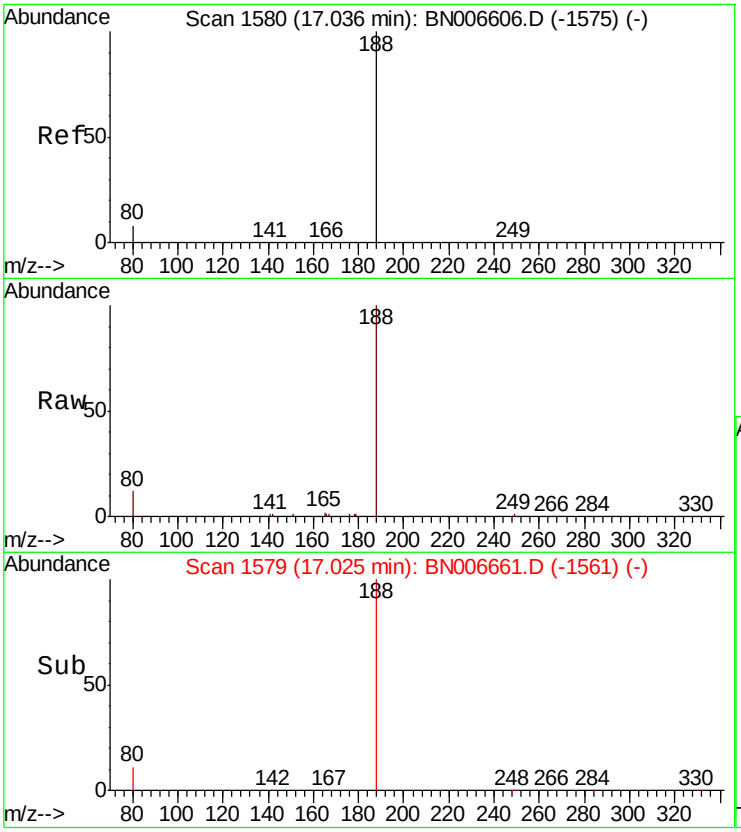


#18
Fluorene
Concen: 0.124 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:166 Resp: 4566

Ion	Ratio	Lower	Upper
166	100		
165	110.5	78.4	117.6
167	19.5	10.8	16.2#



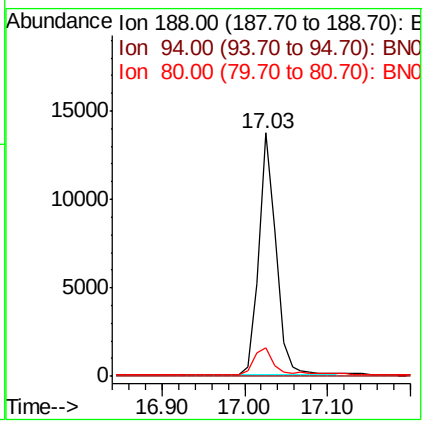


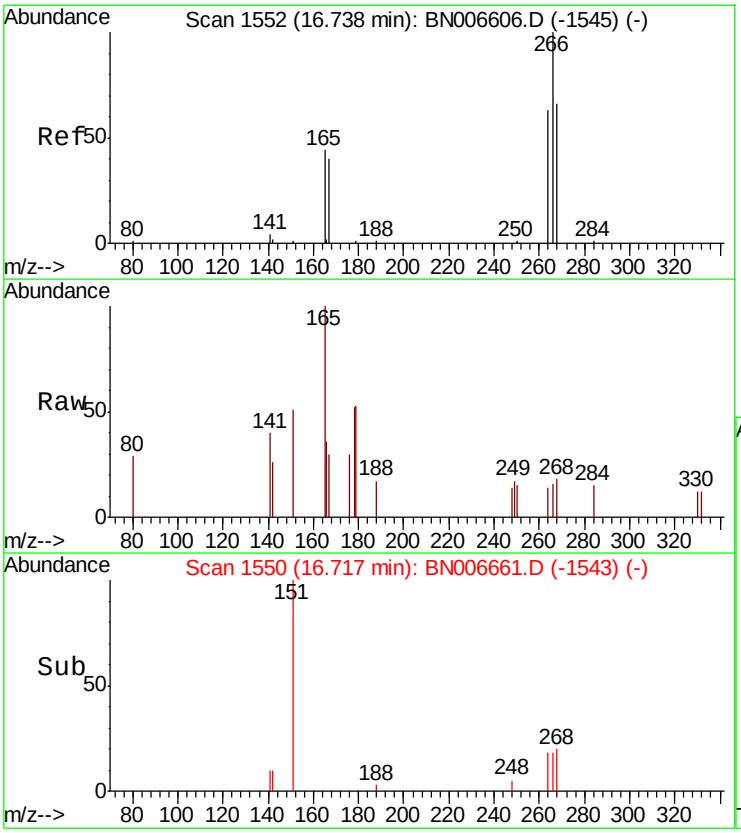
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:188 Resp: 19510

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.6	7.1	10.7#

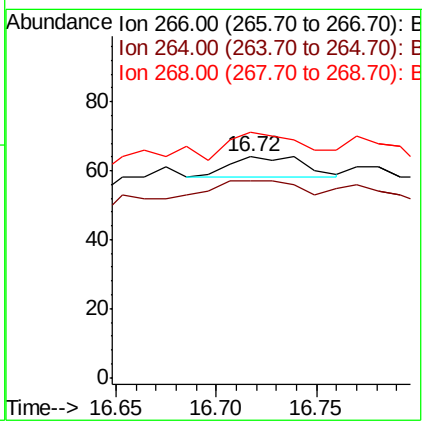


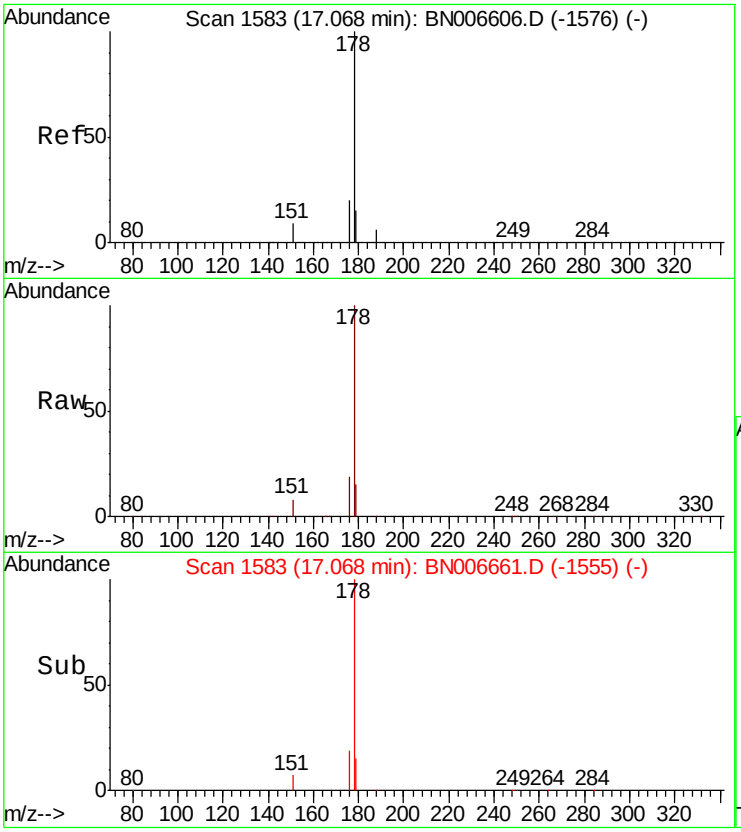


#22
Pentachlorophenol
Concen: 0.197 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:266 Resp: 16

Ion	Ratio	Lower	Upper
266	100		
264	89.1	56.2	84.4#
268	110.9	63.0	94.4#



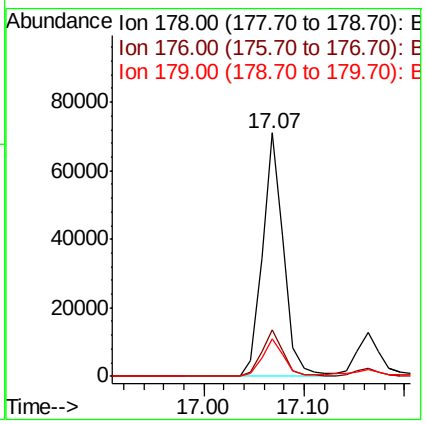


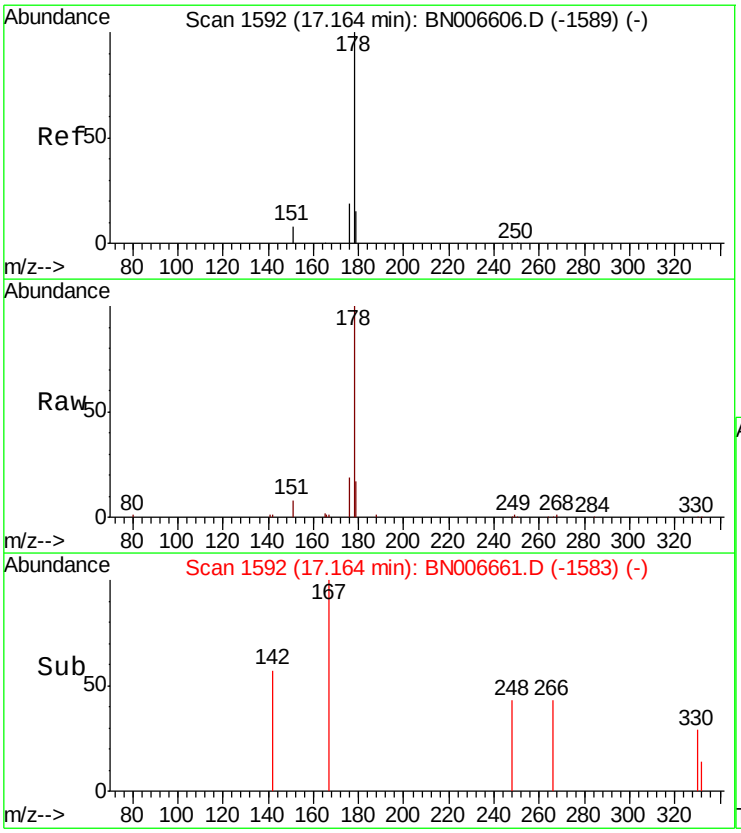
#23
Phenanthrene
Concen: 1.891 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:178 Resp: 104924

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.3	22.9
179	15.3	12.2	18.4

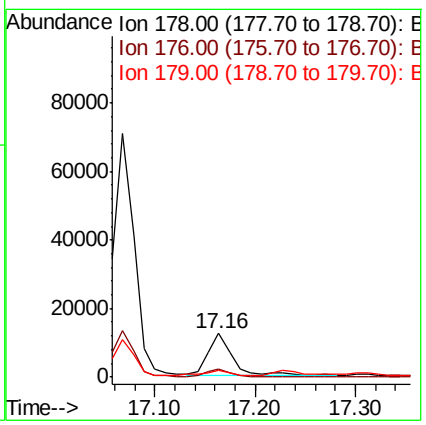


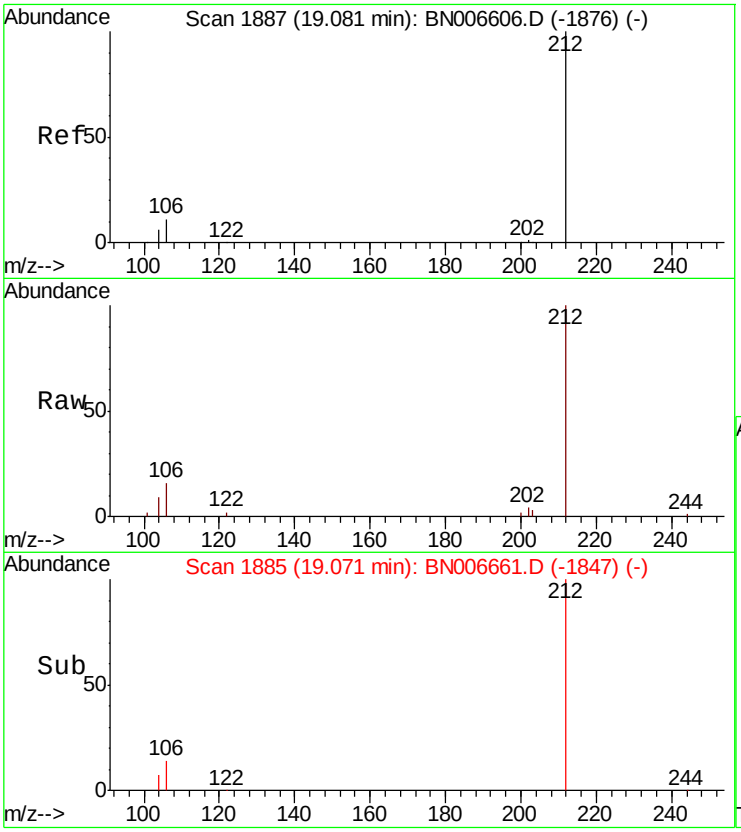


#24
Anthracene
Concen: 0.410 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:178 Resp: 19721

Ion	Ratio	Lower	Upper
178	100		
176	18.2	15.0	22.4
179	14.8	12.2	18.2



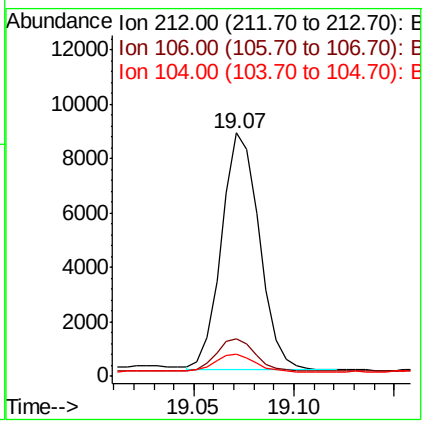


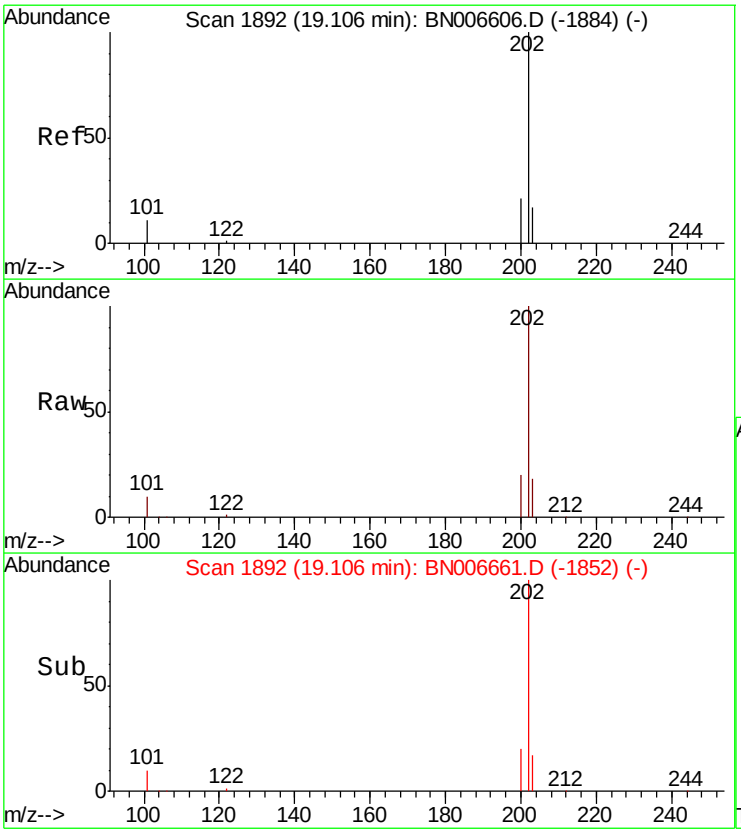
#25
Fluoranthene-d10
Concen: 0.199 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:212 Resp: 11400

Ion	Ratio	Lower	Upper
212	100		
106	14.1	10.6	15.8
104	8.0	5.8	8.6

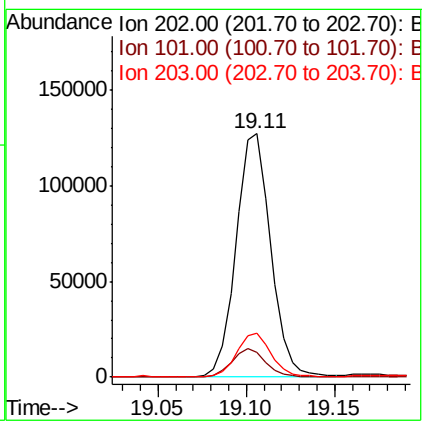


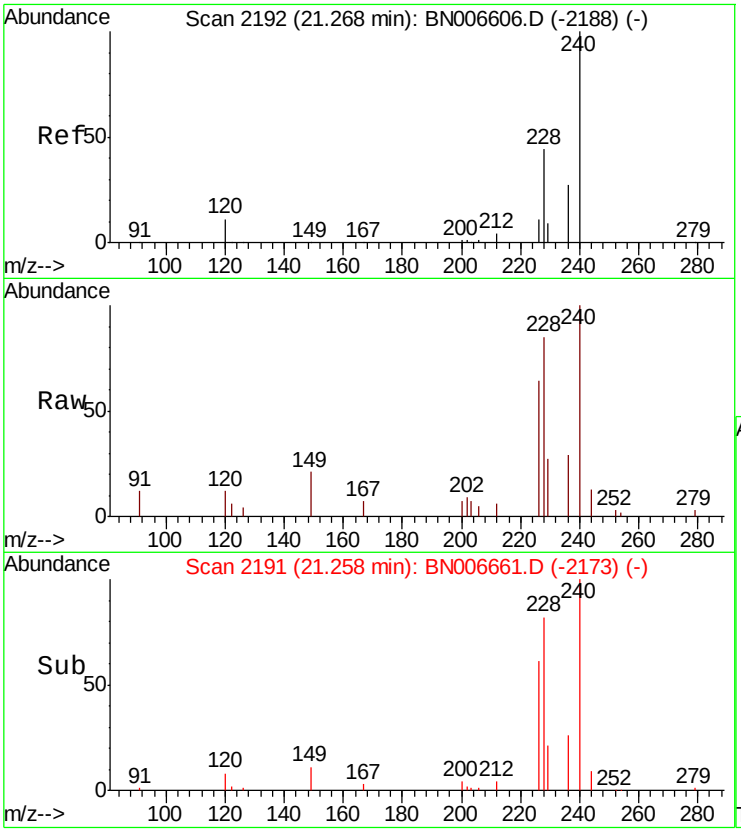


#26
Fluoranthene
Concen: 2.554 ng
RT: 19.11 min Scan# 1892
Delta R.T. 0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:202 Resp: 172175

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.9	13.3
203	17.6	13.6	20.4



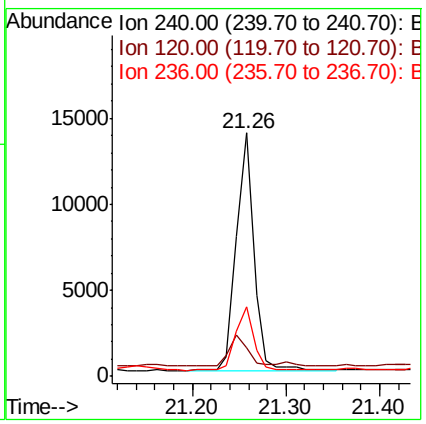


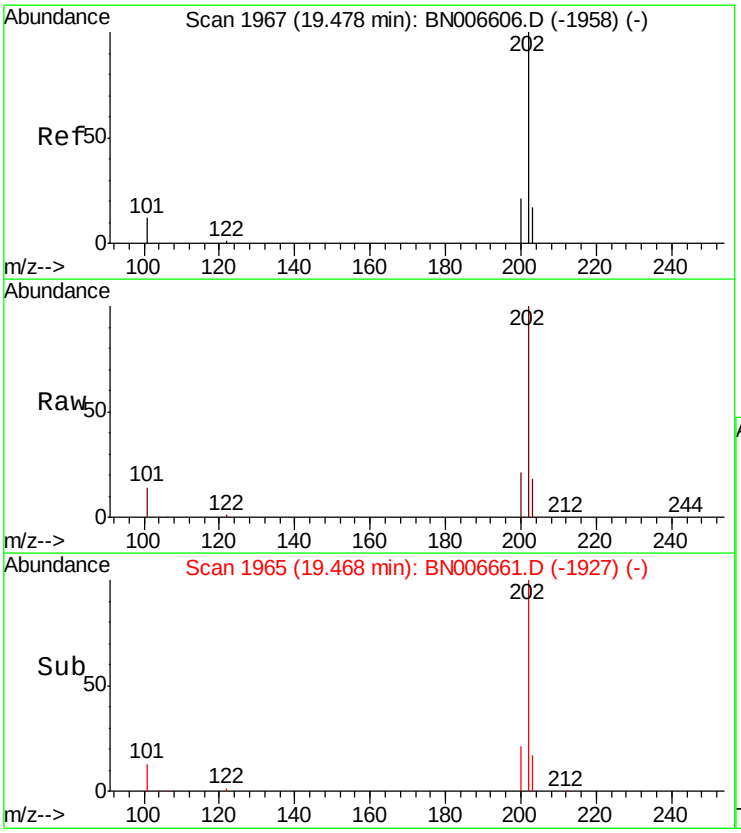
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:240 Resp: 18028

Ion	Ratio	Lower	Upper
240	100		
120	11.5	9.9	14.9
236	28.8	22.2	33.4

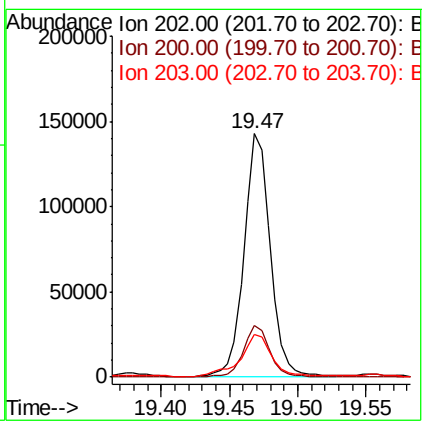


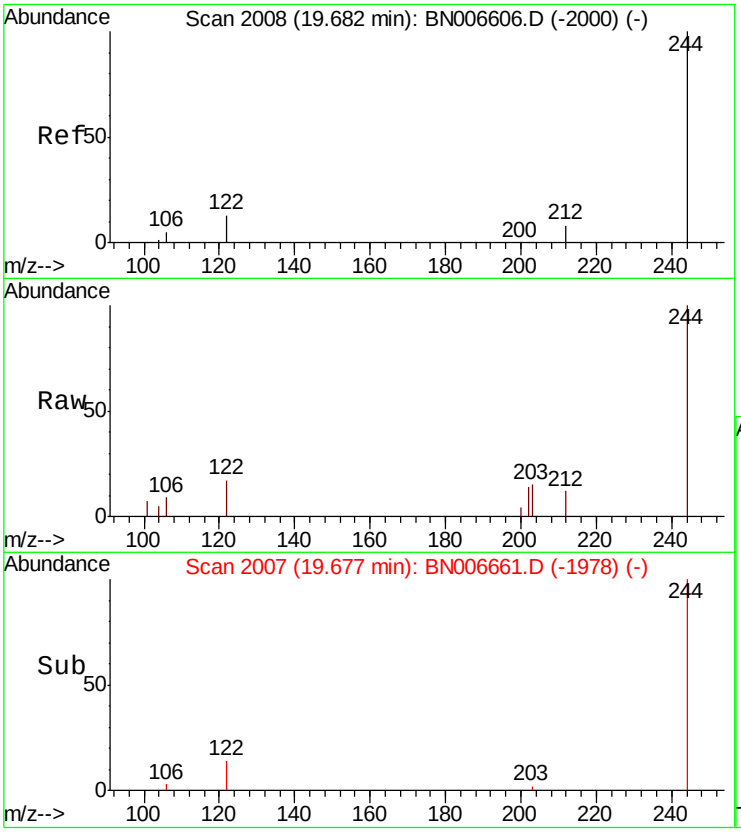


#28
Pyrene
Concen: 2.994 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:202 Resp: 188870

Ion	Ratio	Lower	Upper
202	100		
200	21.0	16.7	25.1
203	20.4	14.1	21.1



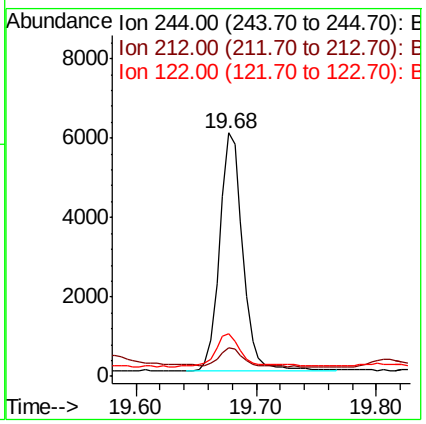


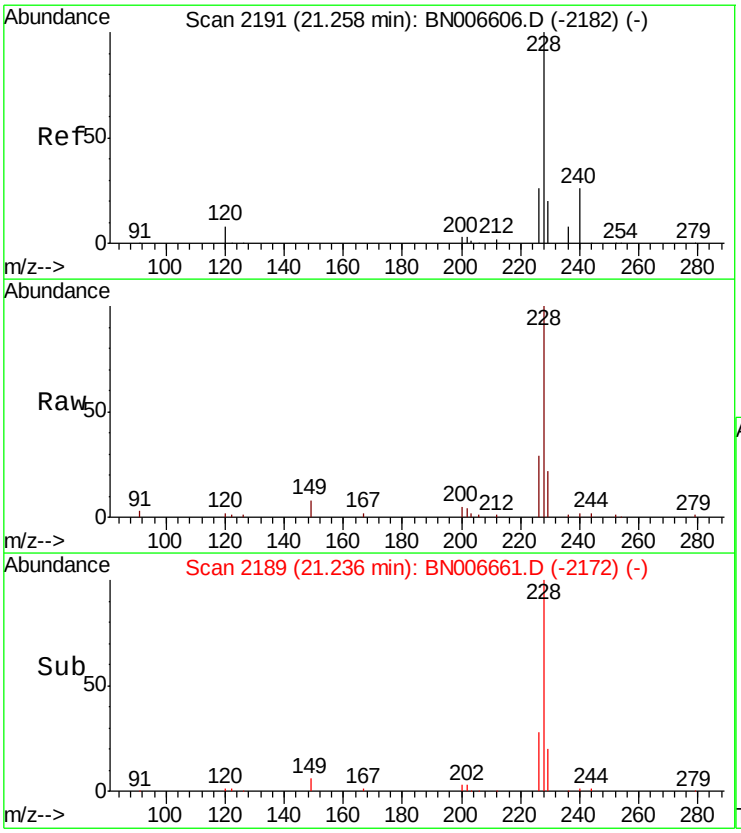
#29
Terphenyl-d14
Concen: 0.212 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.00 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:244 Resp: 8011

Ion	Ratio	Lower	Upper
244	100		
212	11.8	6.7	10.1#
122	17.4	11.0	16.6#

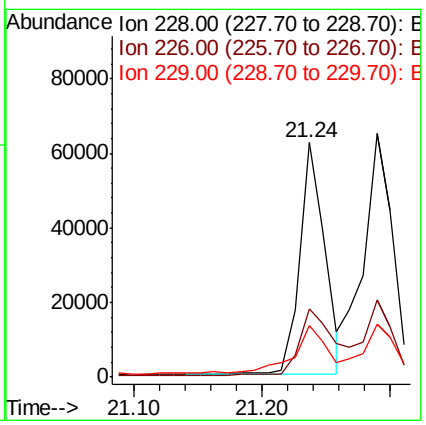


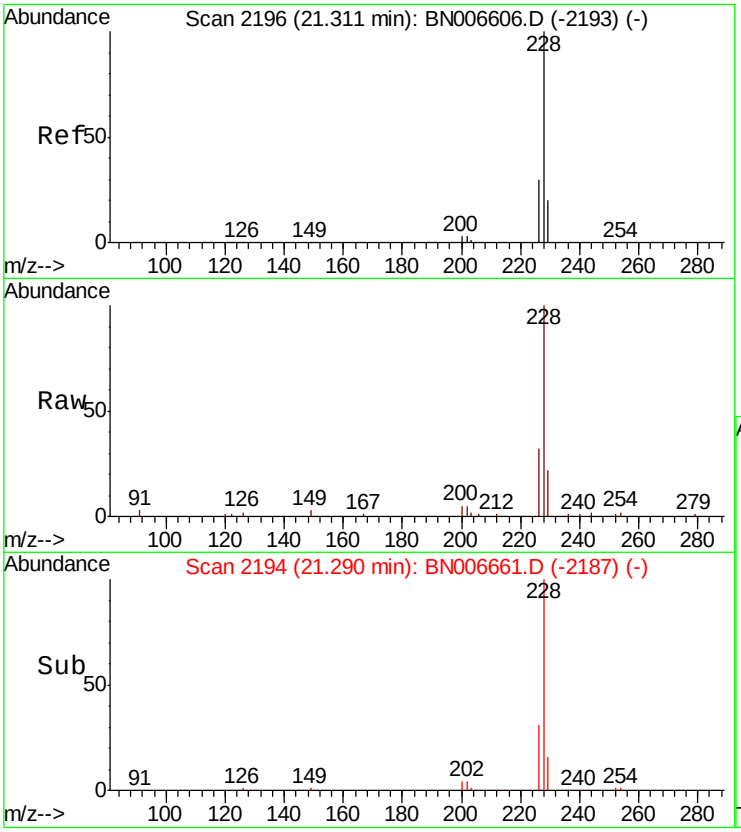


#30
Benzo(a)anthracene
Concen: 1.437 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:228 Resp: 84685

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.2	31.8
229	21.9	16.1	24.1



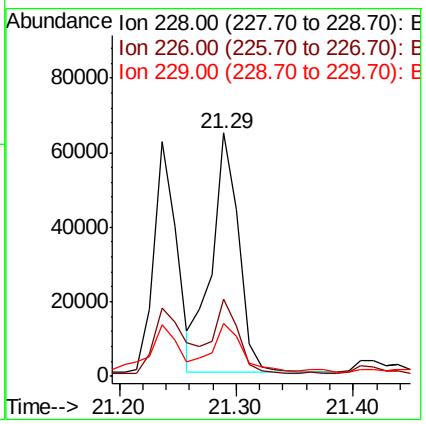


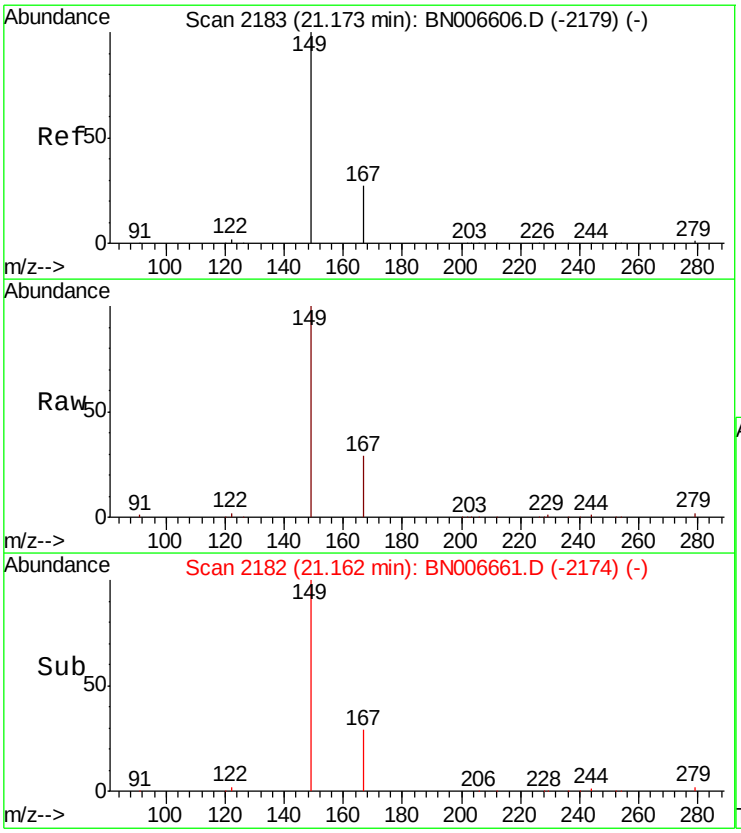
#31
Chrysene
Concen: 1.627 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:228 Resp: 103385

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	21.9	15.9	23.9

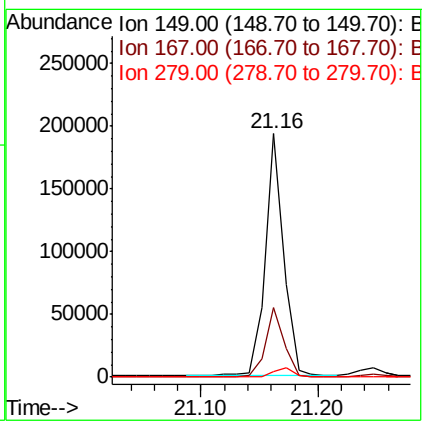


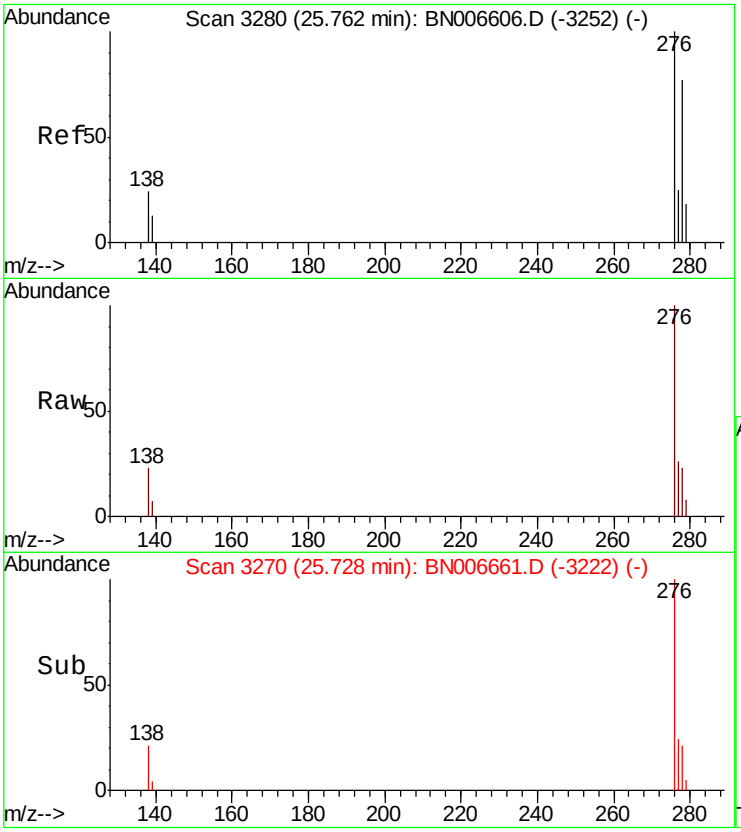


#32
Bis(2-ethylhexyl)phthalate
Concen: 7.075 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:149 Resp: 209887

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.9	34.3
279	3.9	3.3	4.9



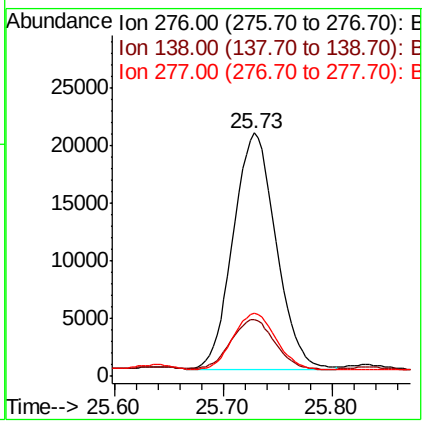


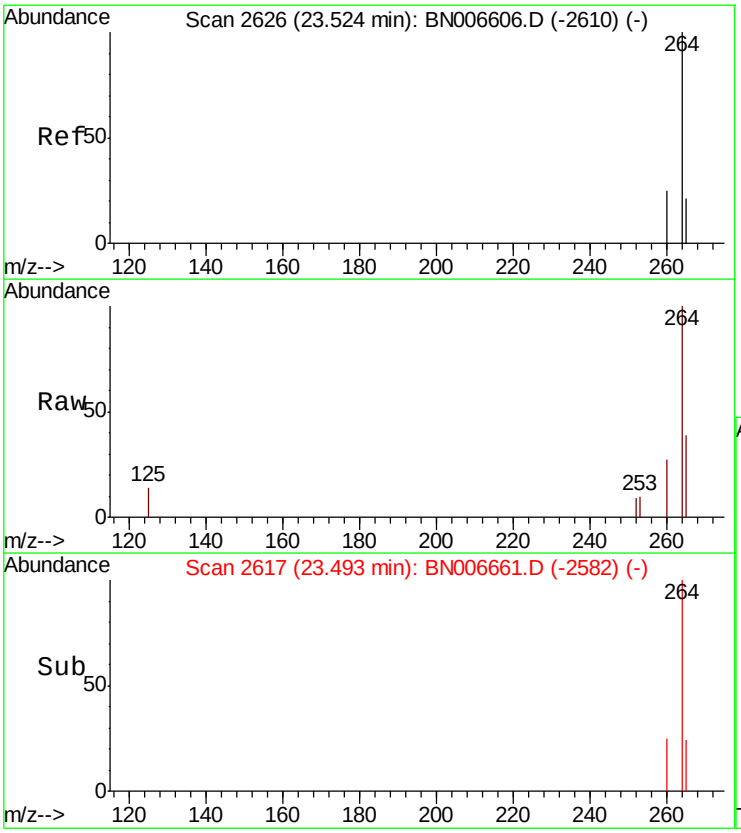
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.875 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.03 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:276 Resp: 56270

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.3	28.9
277	24.0	19.9	29.9

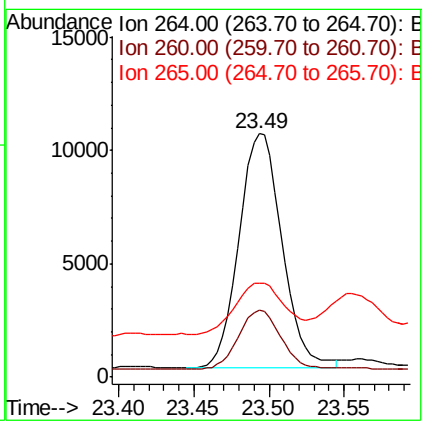


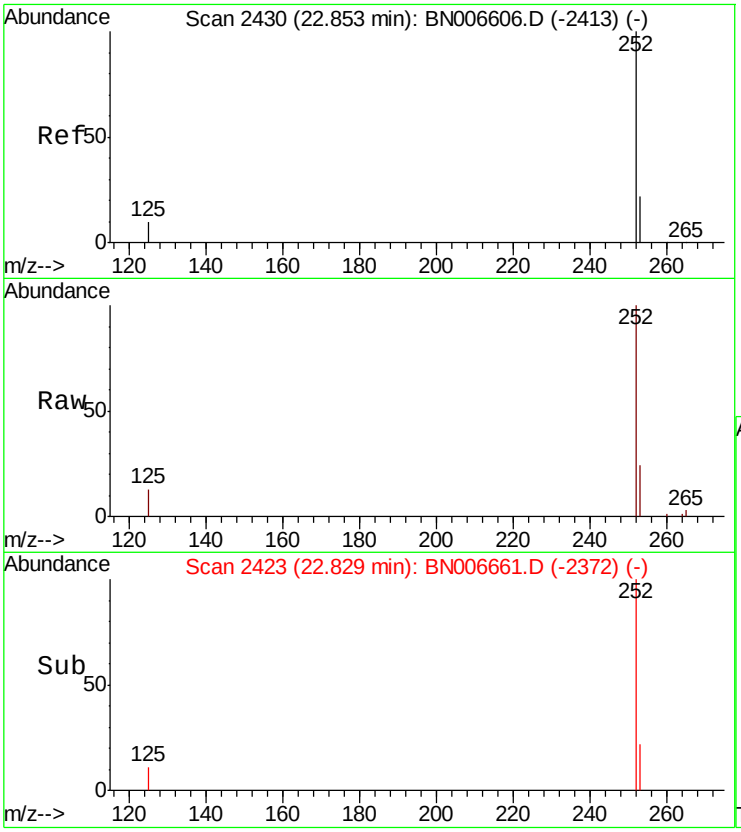


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.49 min Scan# 2617
Delta R.T. -0.03 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:264 Resp: 20220

Ion	Ratio	Lower	Upper
264	100		
260	27.5	20.2	30.2
265	38.7	23.3	34.9#



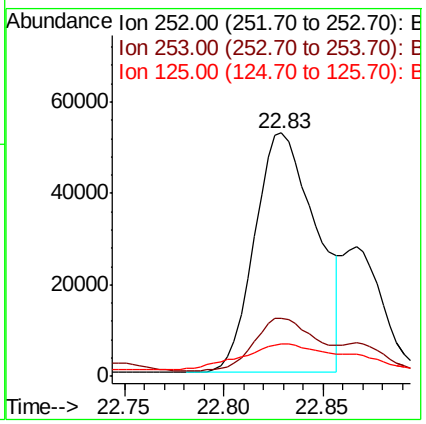


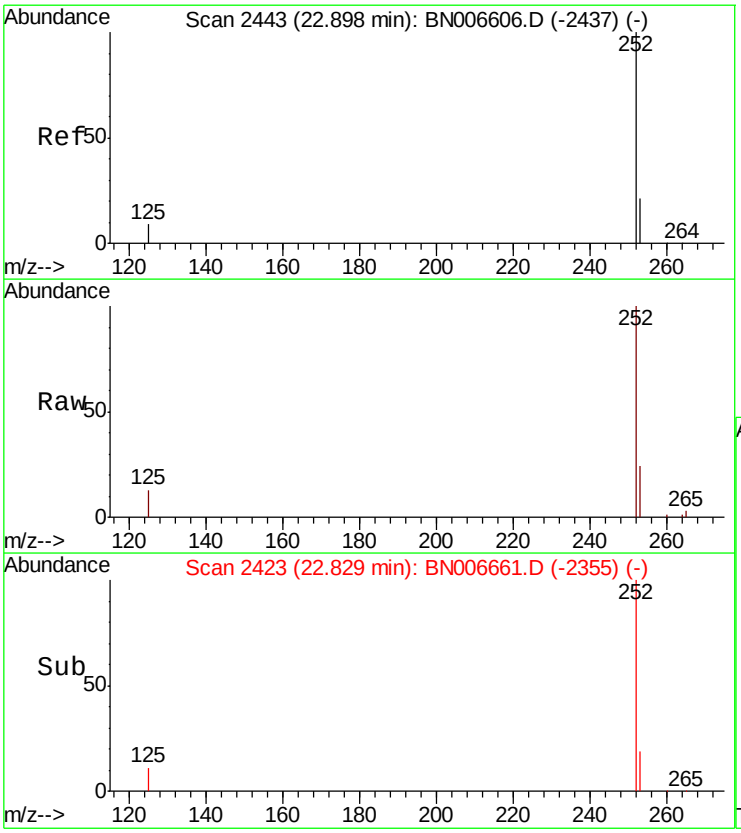
#35
Benzo(b)fluoranthene
Concen: 1.646 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.02 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:252 Resp: 113187

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.4	27.6
125	13.3	8.7	13.1#

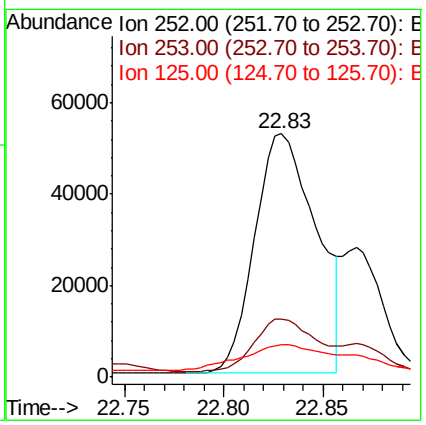


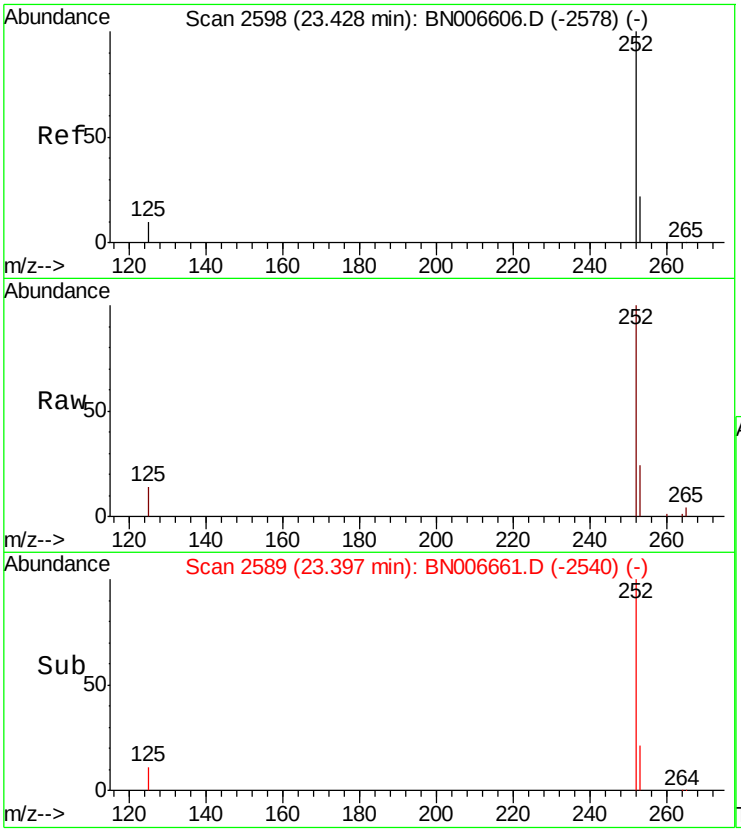


#36
Benzo(k)fluoranthene
Concen: 1.544 ng
RT: 22.83 min Scan# 2423
Delta R.T. -0.07 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:252 Resp: 113187

Ion	Ratio	Lower	Upper
252	100		
253	23.9	18.3	27.5
125	13.3	8.4	12.6#



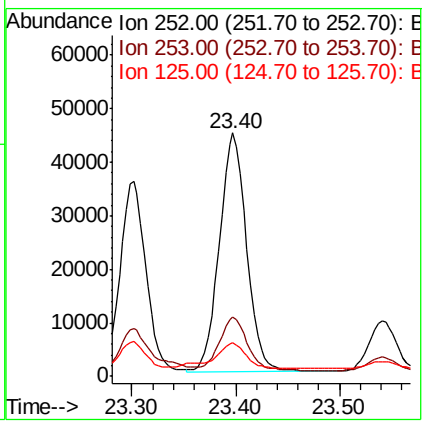


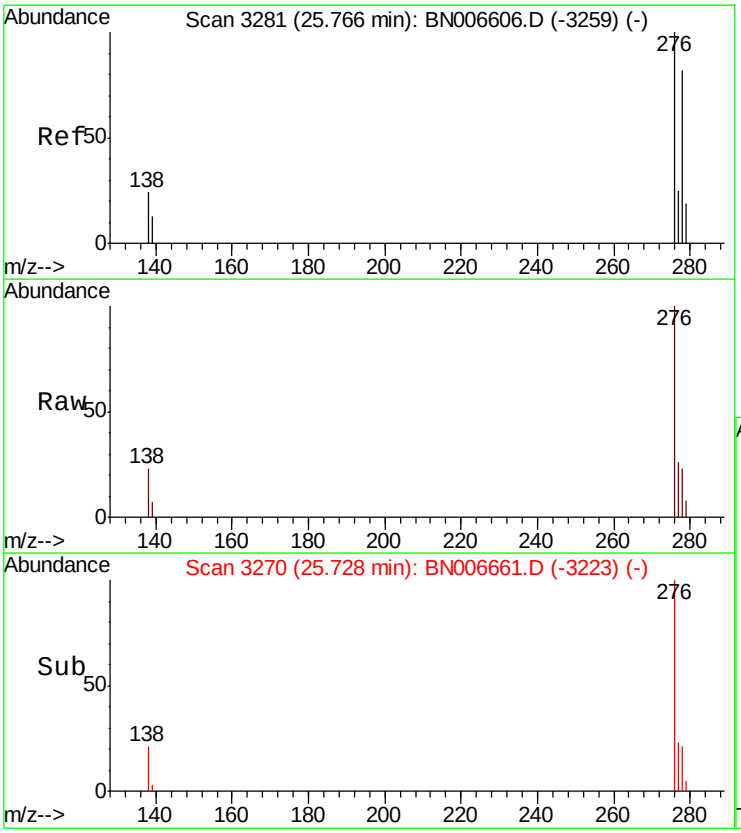
#37
Benzo(a)pyrene
Concen: 1.259 ng
RT: 23.40 min Scan# 2589
Delta R.T. -0.03 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:252 Resp: 80946

Ion	Ratio	Lower	Upper
252	100		
253	24.4	18.8	28.2
125	13.8	9.4	14.2

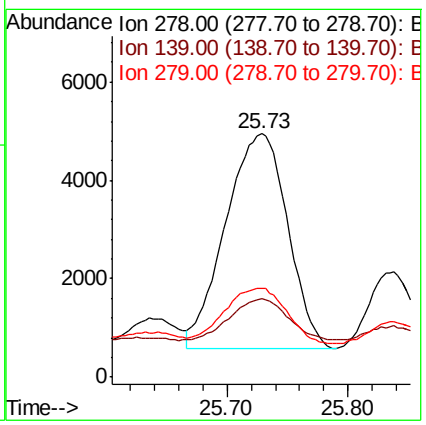


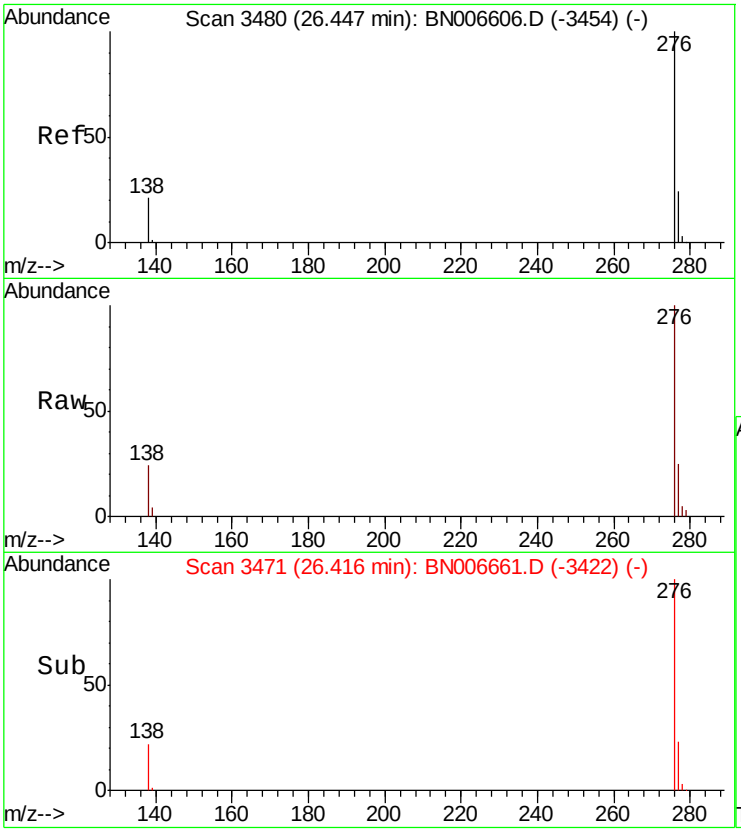


#38
Dibenzo(a,h)anthracene
Concen: 0.277 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.04 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Tgt Ion:278 Resp: 15568

Ion	Ratio	Lower	Upper
278	100		
139	32.0	13.5	20.3#
279	36.2	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.043 ng
RT: 26.42 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BN006661.D
Acq: 01 Jul 2019 15:19

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW158-062019

Tgt Ion:276 Resp: 58477

Ion	Ratio	Lower	Upper
276	100		
277	25.4	19.6	29.4
138	23.6	17.7	26.5