Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006664.D
Acq On : 01 Jul 2019 17:03
Operator : HP/JU
Sample : K3504-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : EXT-029-SW169-062019

Quant Time: Jul 02 05:05:59 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	4435	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	17745	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	9663	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	20395	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	18975	0.40	ng		-0.01
34) Perylene-d12	23.50	264	21185	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3393	0.31	ng		0.00
5) Phenol-d6	6.81	99	4661	0.32	ng		-0.02
8) Nitrobenzene-d5	8.79	82	3157	0.26	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	7243	0.26	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1360	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	9446	0.26	ng		-0.01
25) Fluoranthene-d10	19.08	212	12136	0.20	ng		0.00
29) Terphenyl-d14	19.68	244	8914	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	13757	0.295	ng		98
12) 2-Methylnaphthalene	12.07	142	6256	0.194	ng		99
16) Acenaphthylene	13.99	152	43095	0.935	ng		99
17) Acenaphthene	14.33	154	3959	0.130	ng		98
18) Fluorene	15.32	166	14441	0.377	ng	#	92
22) Pentachlorophenol	16.73	266	17	0.197	ng	#	74
23) Phenanthrene	17.07	178	343348	5.921	ng		100
24) Anthracene	17.16	178	68481	1.361	ng	#	91
26) Fluoranthene	19.11	202	463231	6.573	ng		99
28) Pyrene	19.47	202	414502	6.243	ng		97
30) Benzo(a)anthracene	21.24	228	263413	4.246	ng		97
31) Chrysene	21.29	228	213095	3.186	ng		96
32) Bis(2-ethylhexyl)phthalate	21.16	149	6929	0.222	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	99514	1.470	ng		97
35) Benzo(b)fluoranthene	22.83	252	236908	3.288	ng		99
36) Benzo(k)fluoranthene	22.83	252	236908	3.084	ng		99
37) Benzo(a)pyrene	23.40	252	177227	2.631	ng		100
38) Dibenzo(a,h)anthracene	25.73	278	32494	0.552	ng	#	83
39) Benzo(g,h,i)perylene	26.41	276	89806	1.529	ng		99

(#) = 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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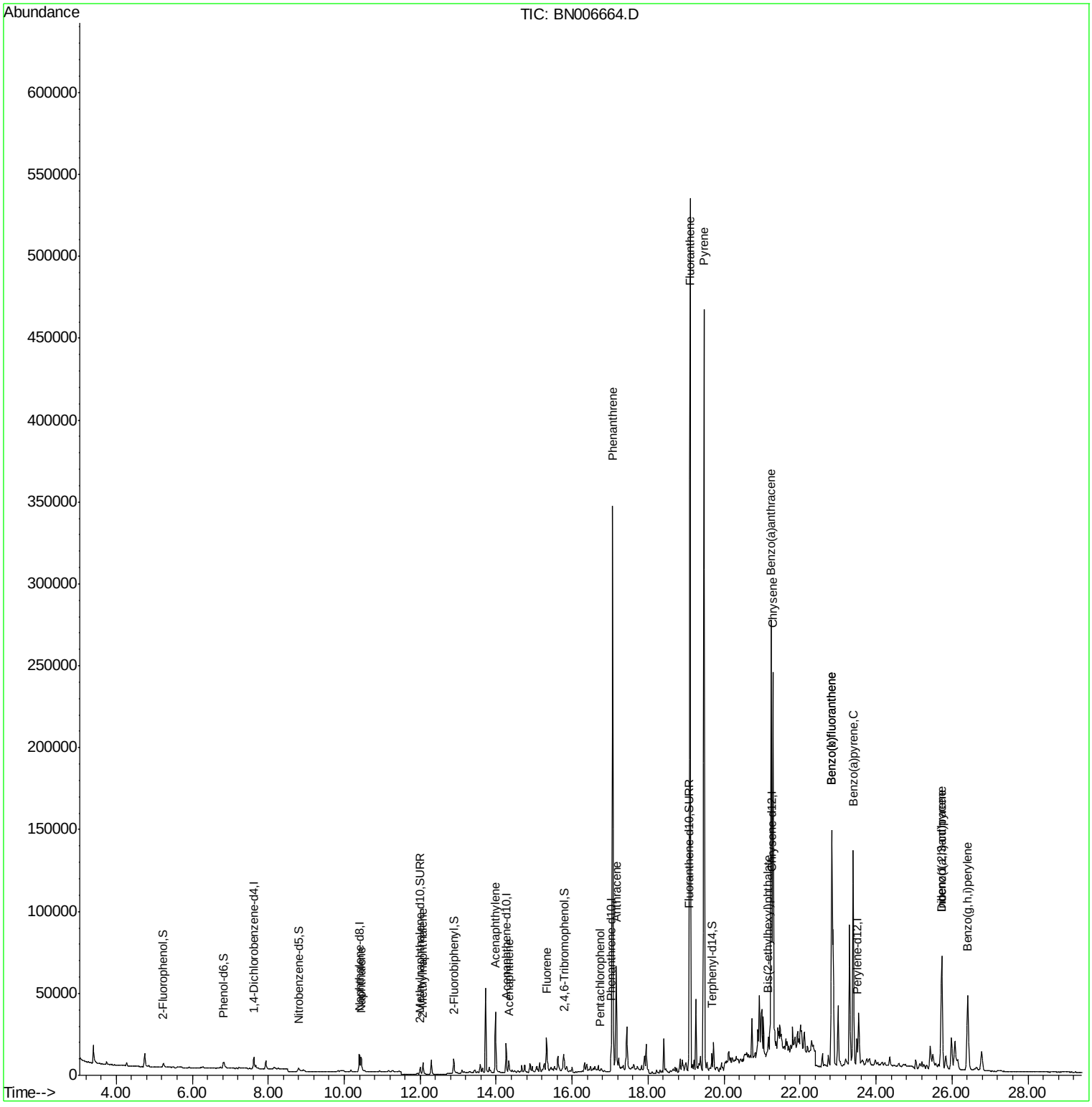
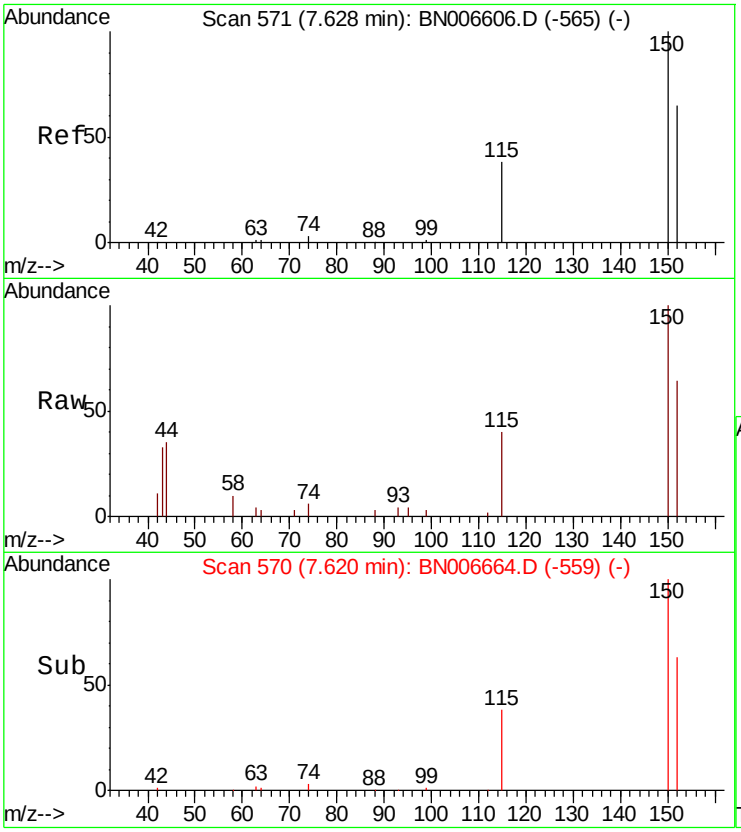
Sample : K3504-12
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Quant Time: Jul 02 05:05:59 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



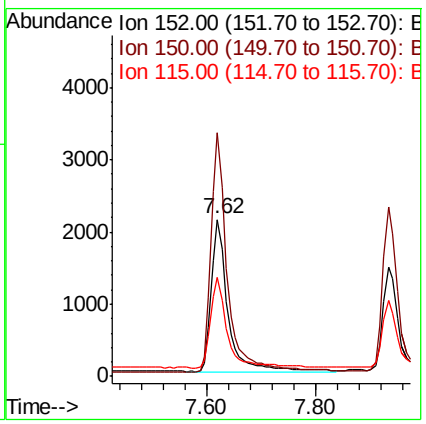


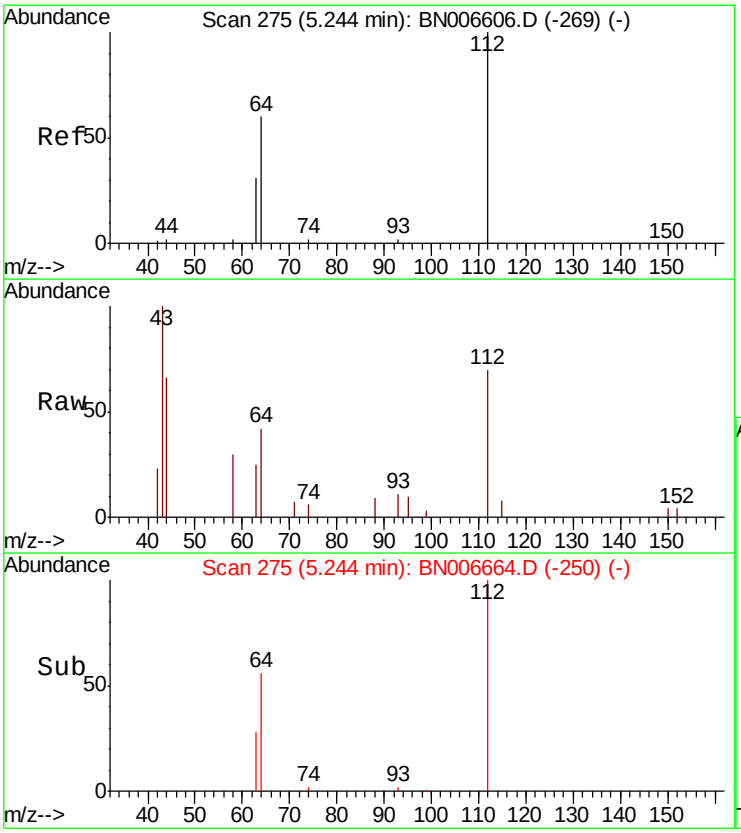
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:152 Resp: 4435

Ion	Ratio	Lower	Upper
152	100		
150	155.4	122.2	183.2
115	62.9	50.0	75.0

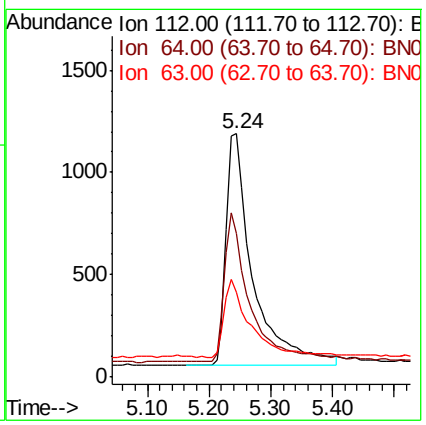


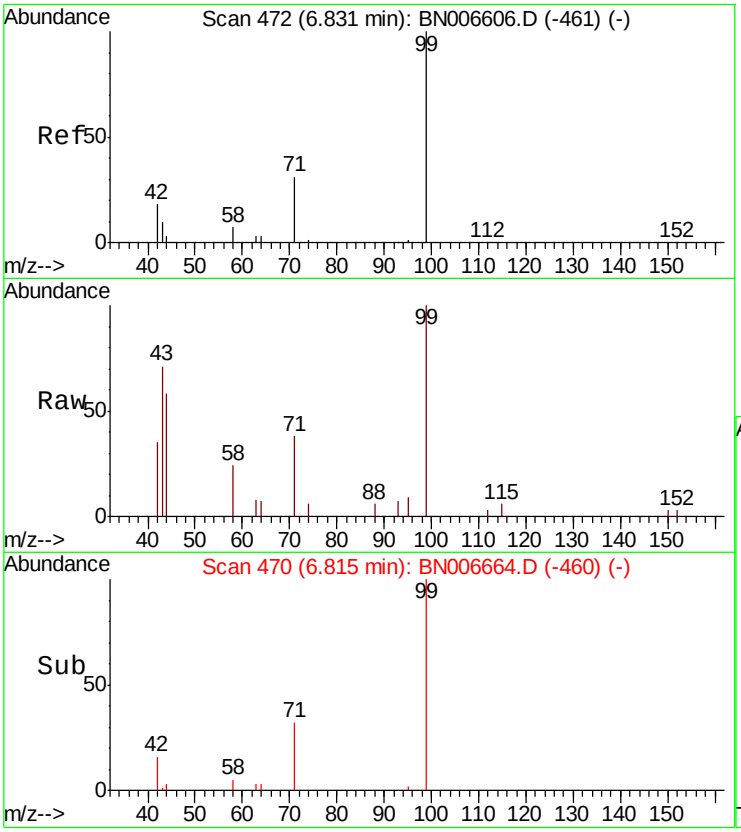


#4
2-Fluorophenol
Concen: 0.312 ng
RT: 5.24 min Scan# 275
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:112 Resp: 3393

Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.9	73.3
63	33.7	24.3	36.5



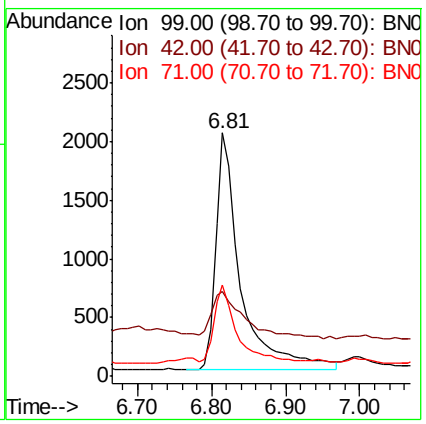


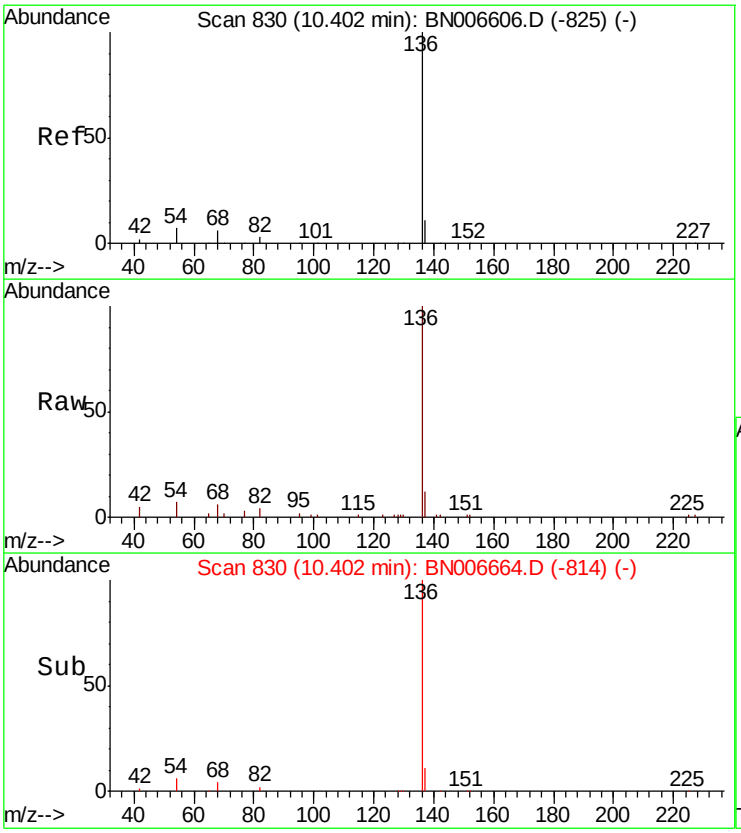
#5
Phenol-d6
Concen: 0.324 ng
RT: 6.81 min Scan# 470
Delta R.T. -0.02 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion: 99 Resp: 4661

Ion	Ratio	Lower	Upper
99	100		
42	27.2	16.4	24.6#
71	28.8	26.6	40.0

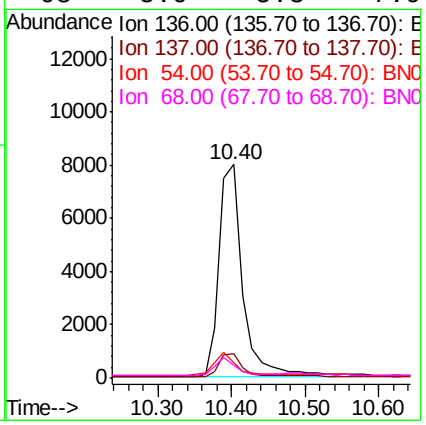


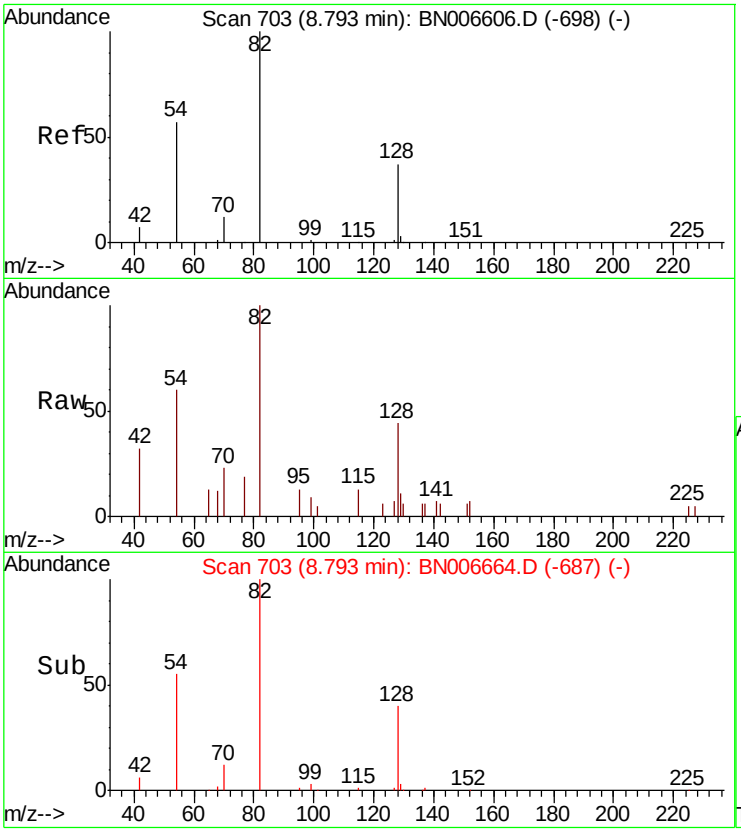


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:136 Resp: 17745

Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.3	13.9
54	7.3	6.7	10.1
68	5.9	5.3	7.9



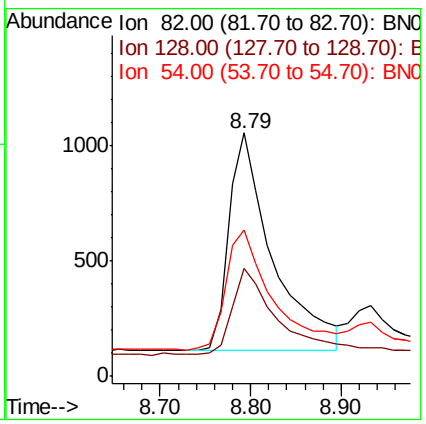


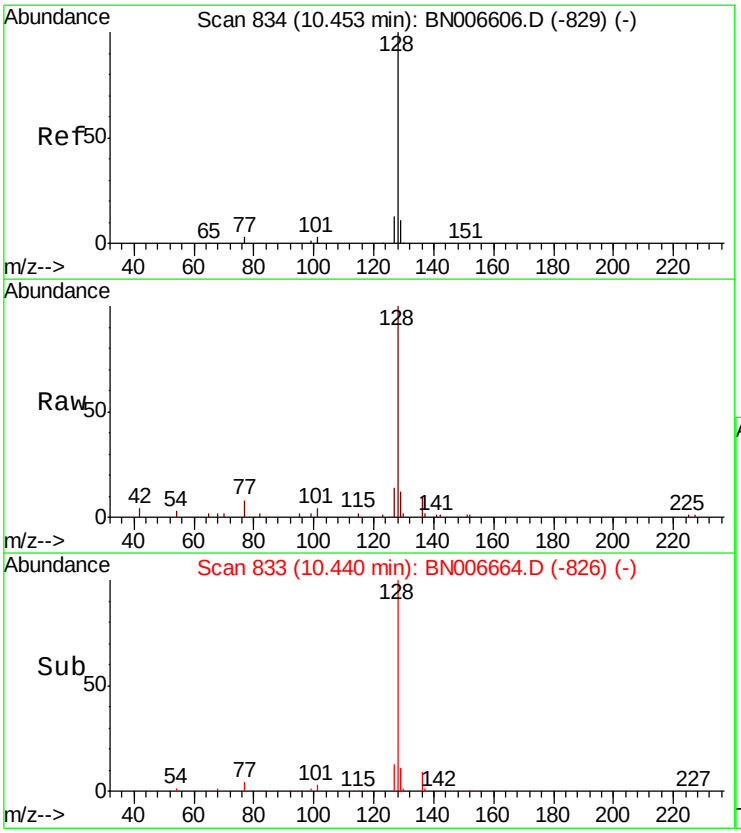
#8
Nitrobenzene-d5
Concen: 0.265 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion: 82 Resp: 3157

Ion	Ratio	Lower	Upper
82	100		
128	44.4	32.6	49.0
54	60.0	48.2	72.4

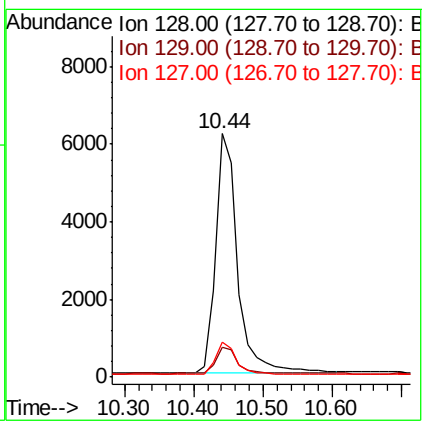


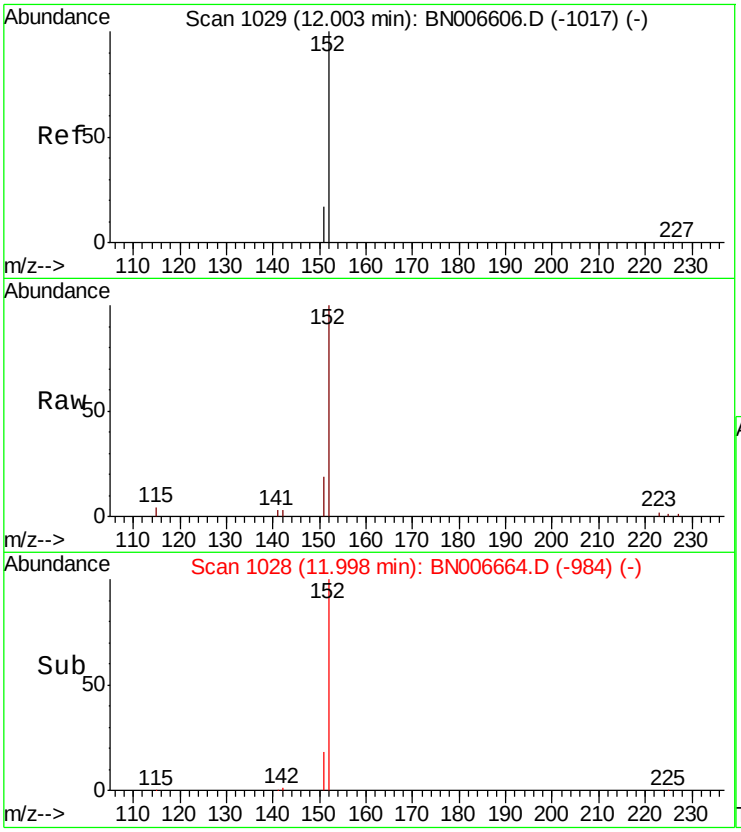


#9
Naphthalene
Concen: 0.295 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:128 Resp: 13757

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.3	13.9
127	14.3	10.8	16.2



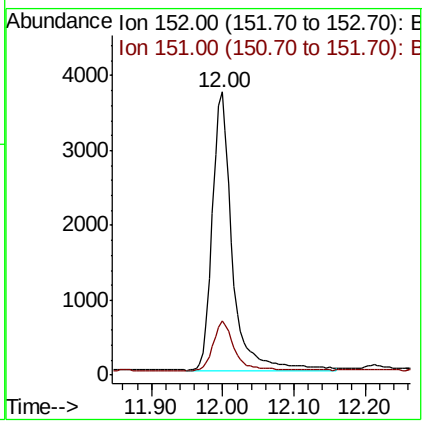


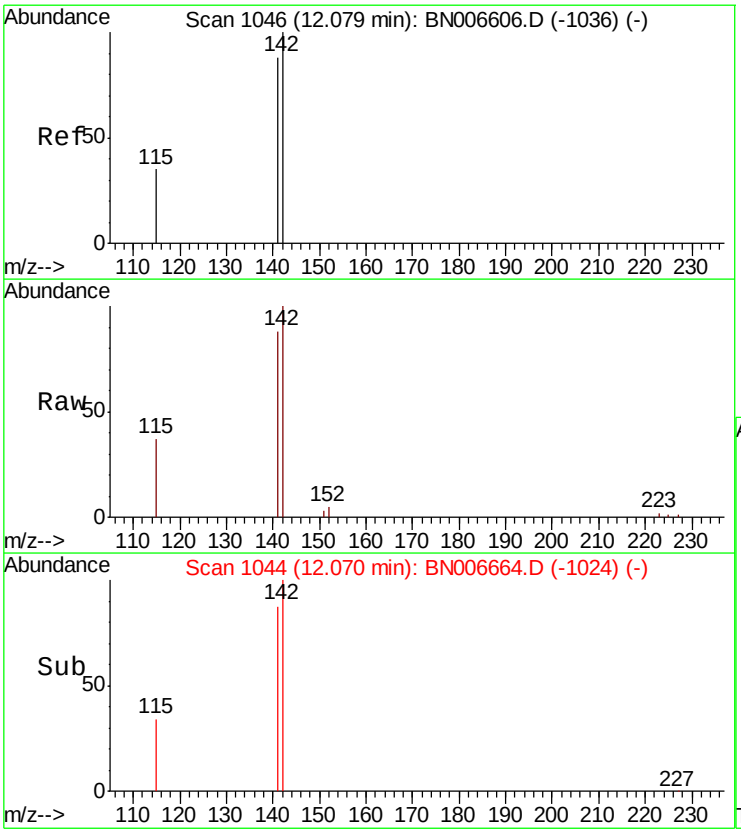
#11
2-Methylnaphthalene-d10
Concen: 0.259 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:152 Resp: 7243

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.4

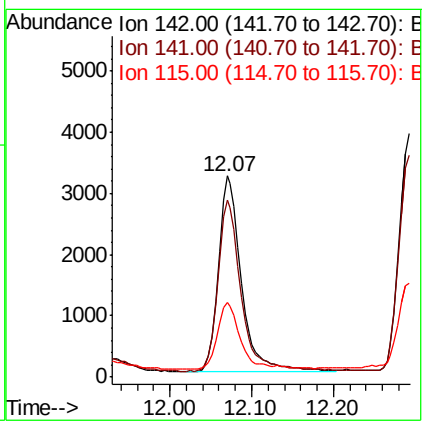


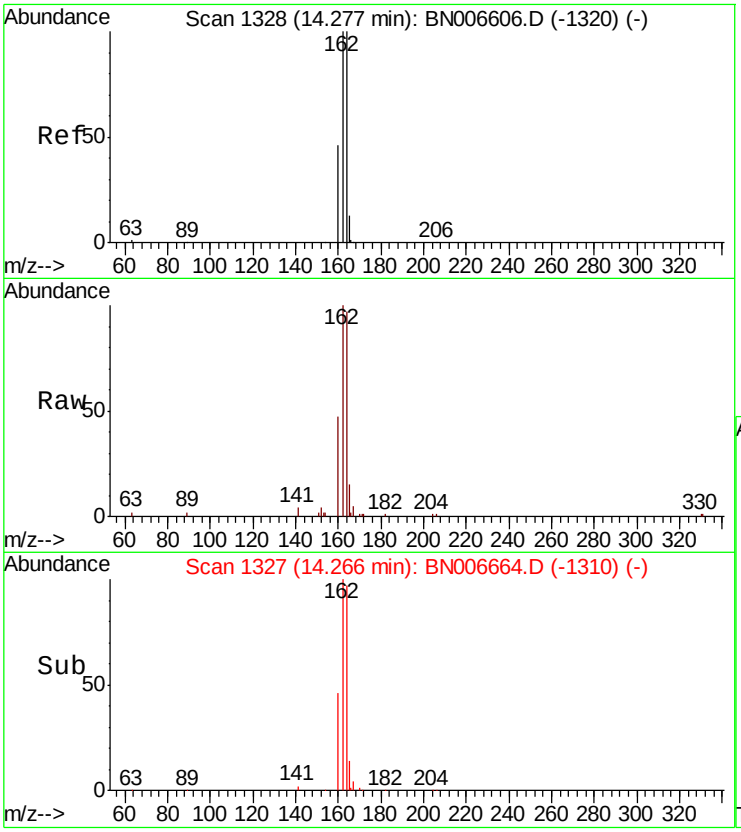


#12
2-Methylnaphthalene
Concen: 0.194 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:142 Resp: 6256

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.2	105.4
115	37.2	28.5	42.7



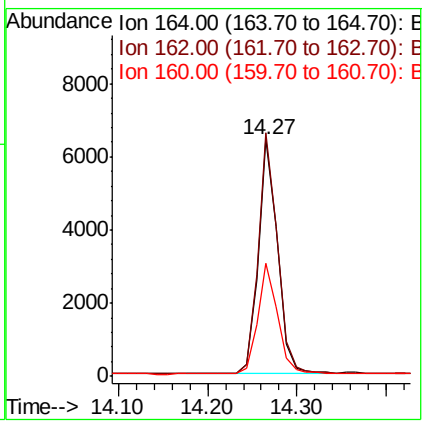


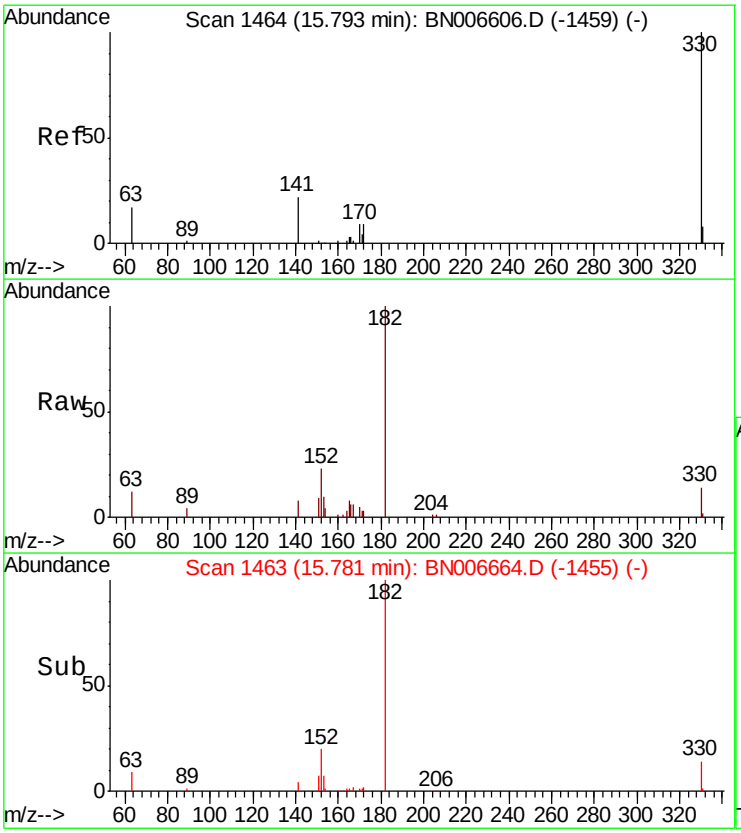
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:164 Resp: 9663

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	47.8	37.0	55.4

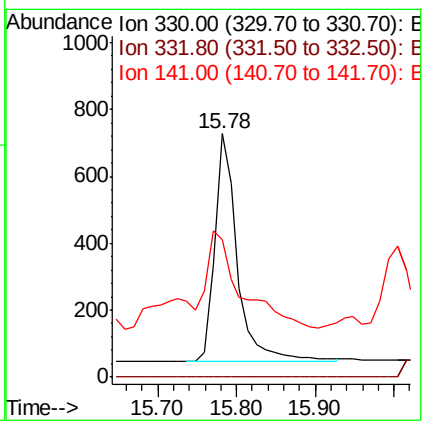


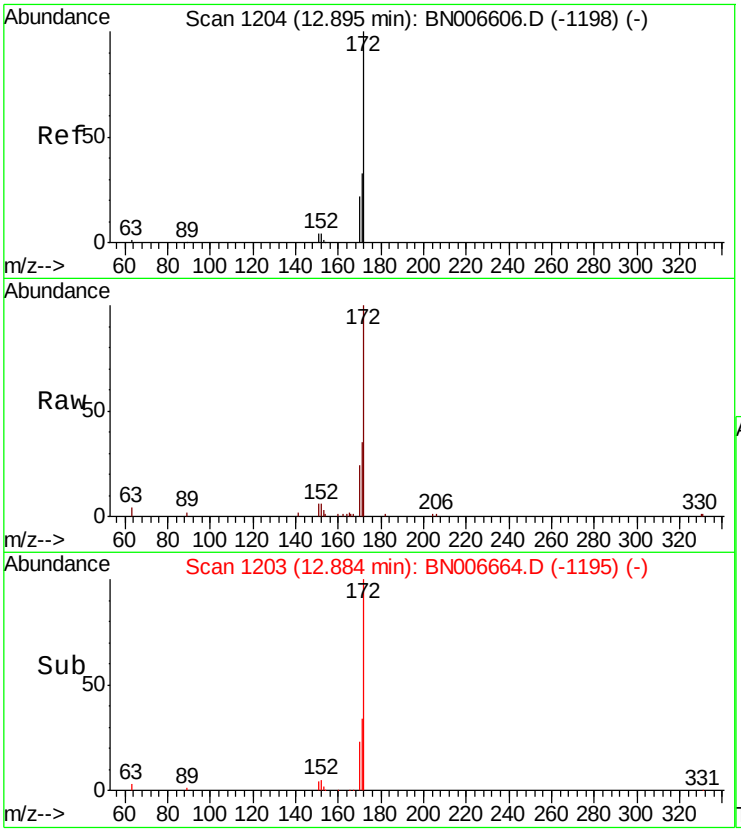


#14
2,4,6-Tribromophenol
Concen: 0.299 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:330 Resp: 1360

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	63.5	26.5	39.7#



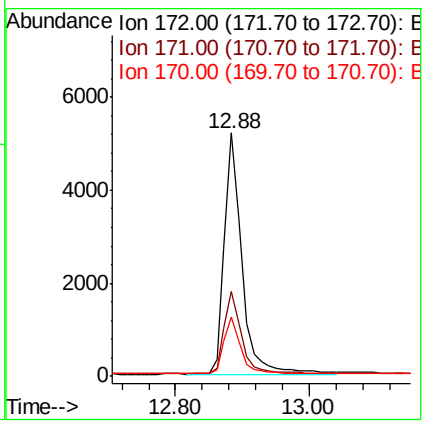


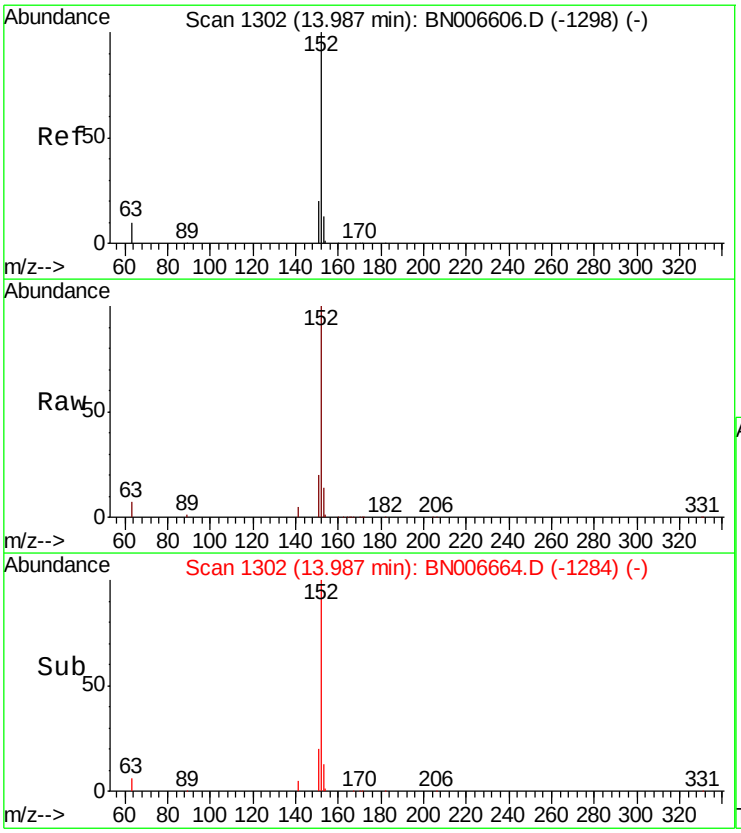
#15
2-Fluorobiphenyl
Concen: 0.264 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:172 Resp: 9446

Ion	Ratio	Lower	Upper
172	100		
171	34.9	27.0	40.4
170	24.1	17.7	26.5

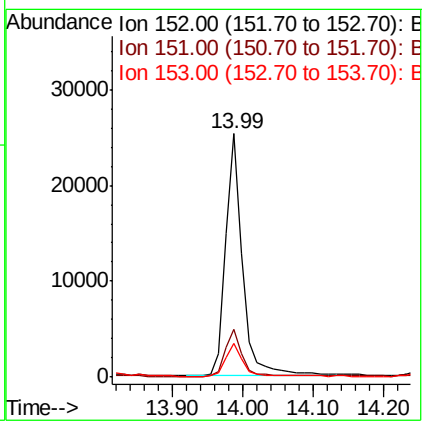


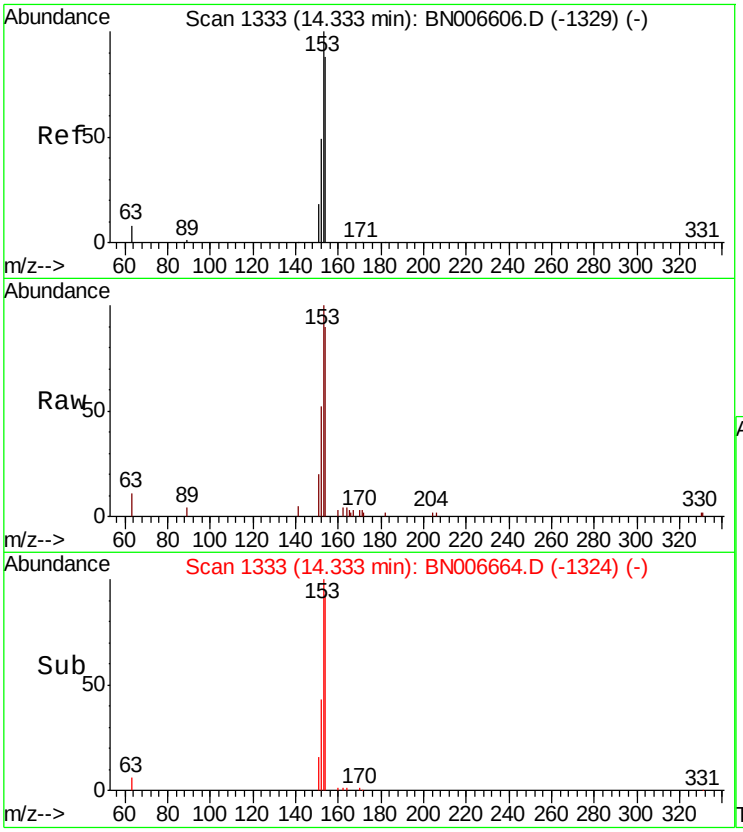


#16
Acenaphthylene
Concen: 0.935 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:152 Resp: 43095

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.4	10.5	15.7



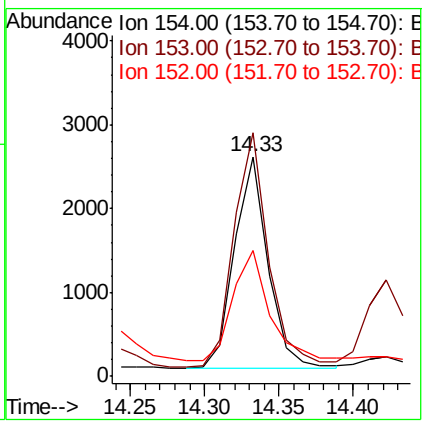


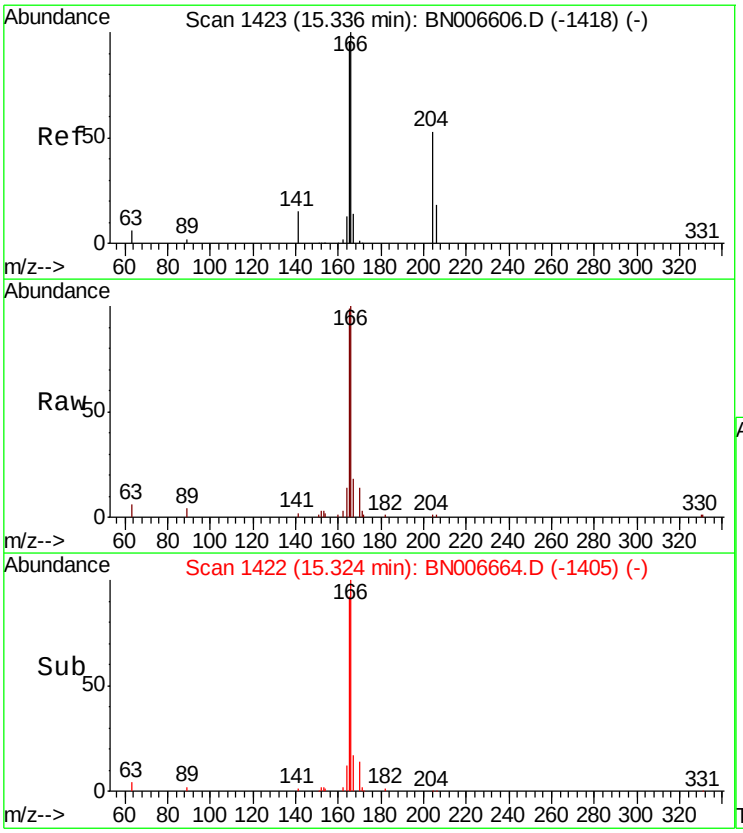
#17
Acenaphthene
Concen: 0.130 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:154 Resp: 3959

Ion	Ratio	Lower	Upper
154	100		
153	115.1	90.2	135.4
152	56.9	44.2	66.4

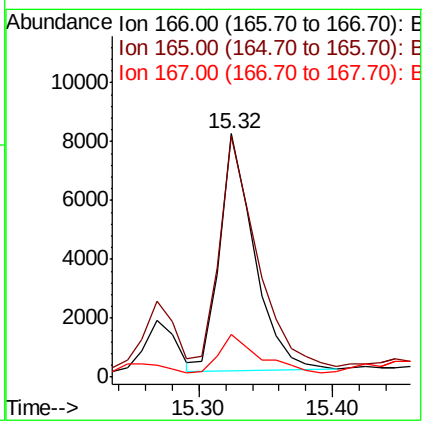


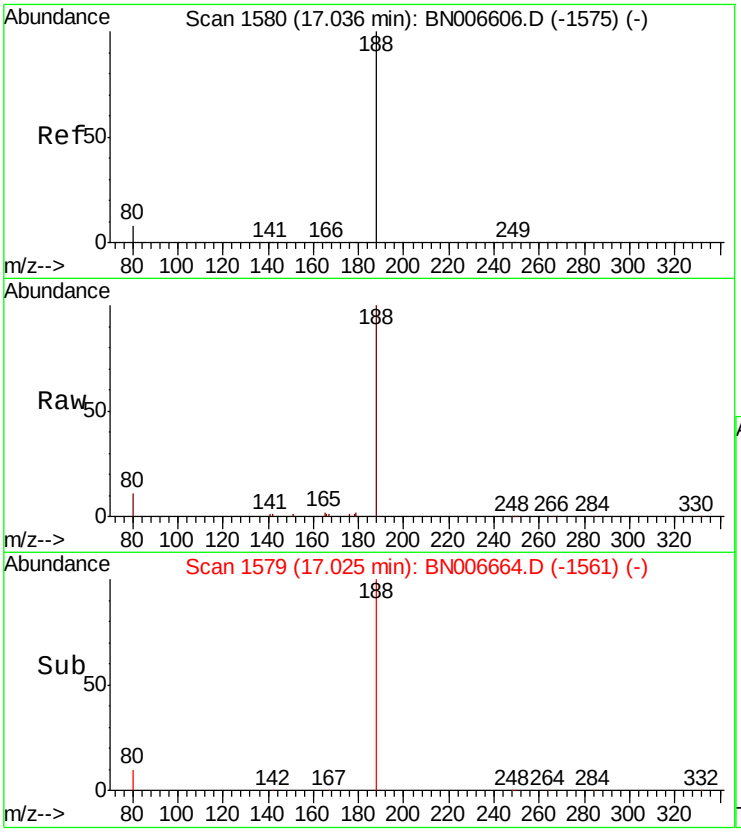


#18
Fluorene
Concen: 0.377 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:166 Resp: 14441

Ion	Ratio	Lower	Upper
166	100		
165	105.8	78.4	117.6
167	18.3	10.8	16.2#



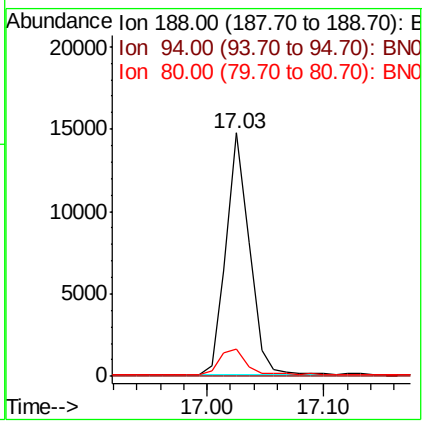


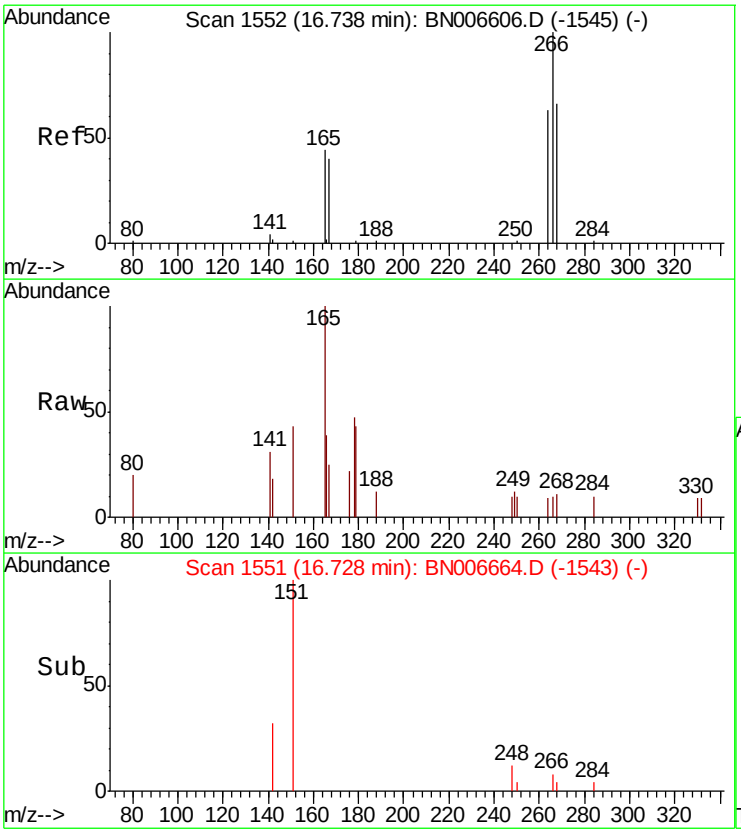
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:188 Resp: 20395

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.3	7.1	10.7#

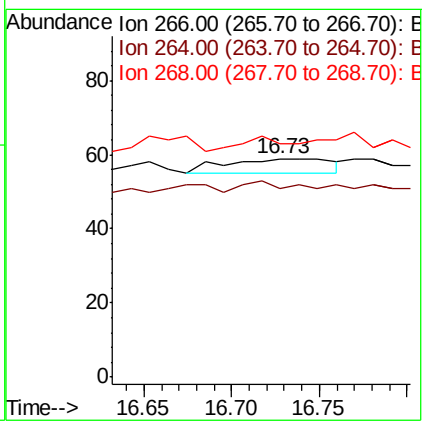


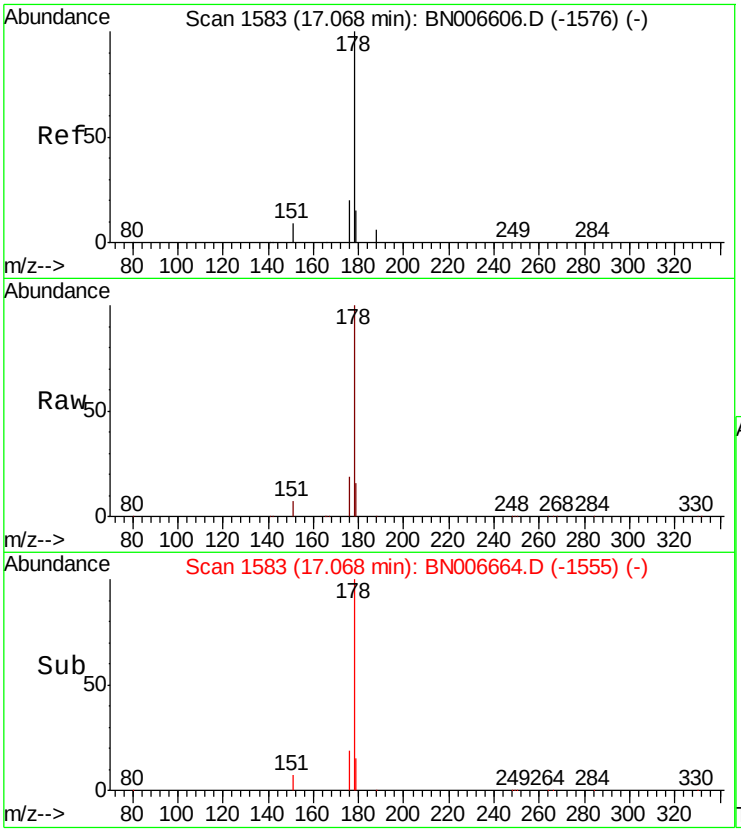


#22
Pentachlorophenol
Concen: 0.197 ng
RT: 16.73 min Scan# 1551
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:266 Resp: 17

Ion	Ratio	Lower	Upper
266	100		
264	86.4	56.2	84.4#
268	106.8	63.0	94.4#



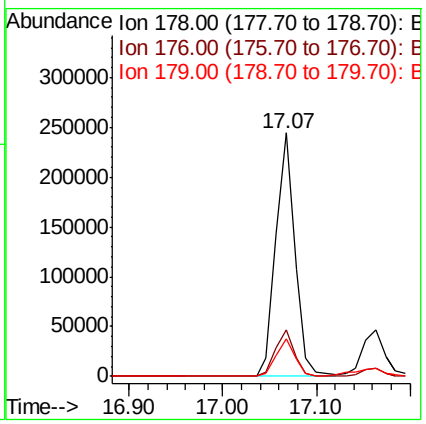


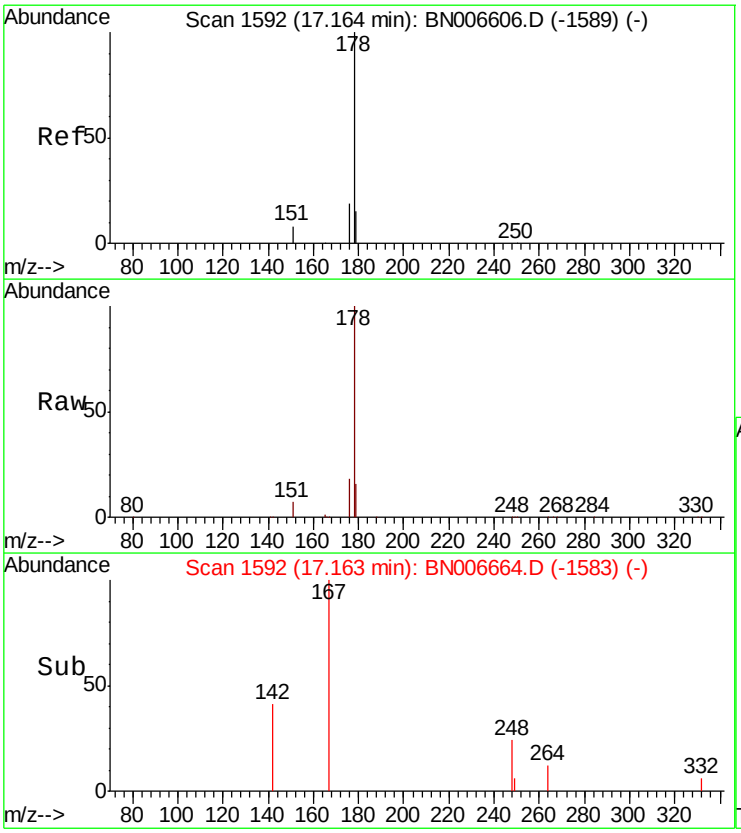
#23
Phenanthrene
Concen: 5.921 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:178 Resp: 343348

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.4	12.2	18.4

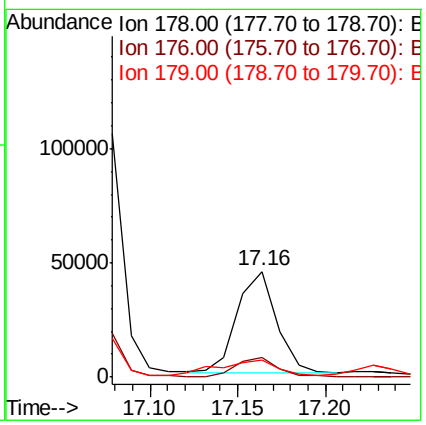


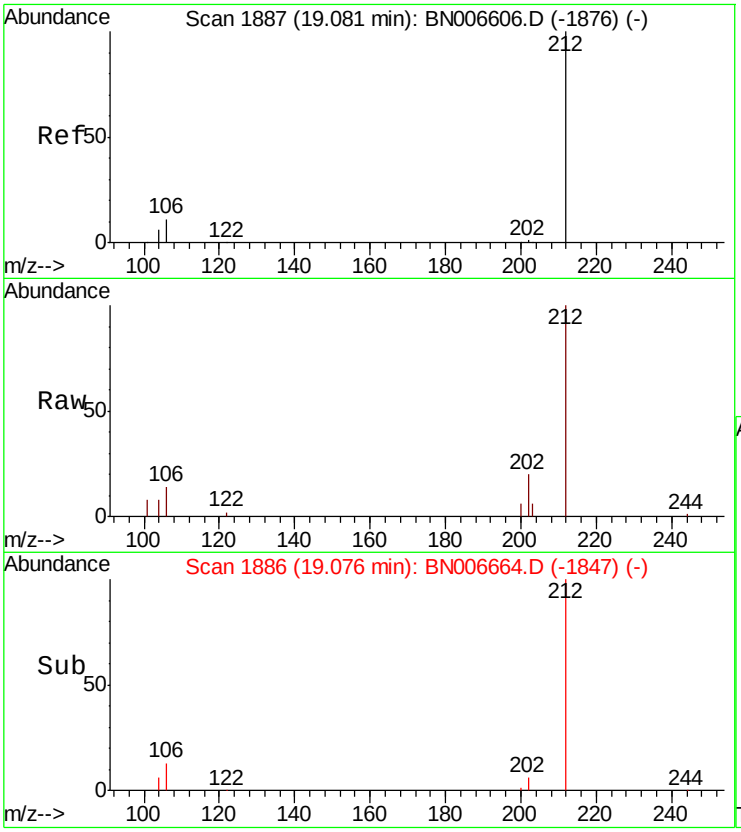


#24
Anthracene
Concen: 1.361 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:178 Resp: 68481

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	22.3	12.2	18.2#



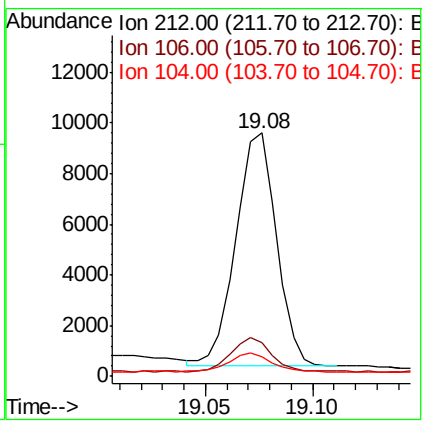


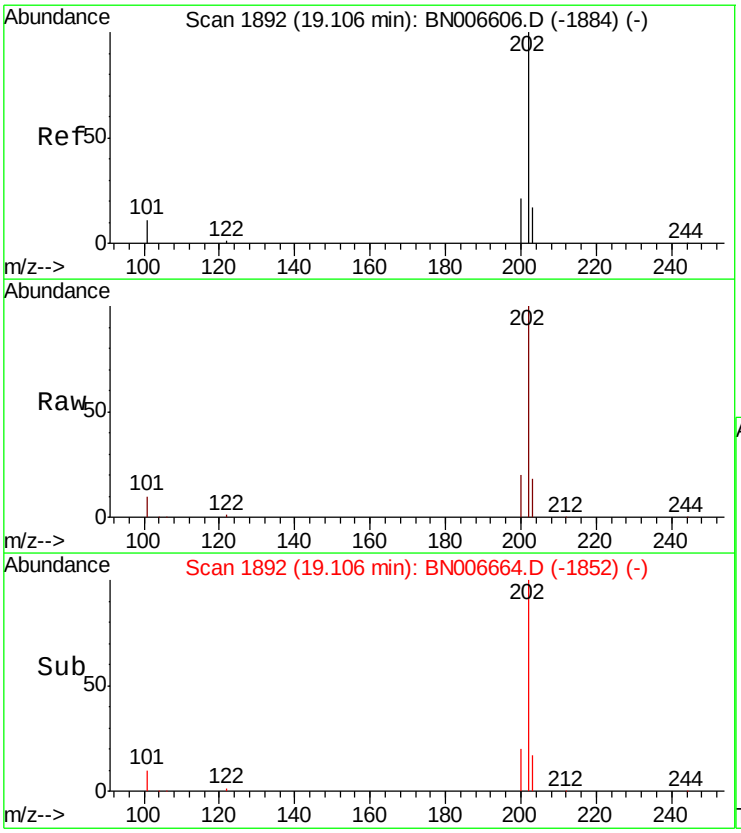
#25
Fluoranthene-d10
Concen: 0.203 ng
RT: 19.08 min Scan# 1886
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:212 Resp: 12136

Ion	Ratio	Lower	Upper
212	100		
106	14.5	10.6	15.8
104	8.9	5.8	8.6#

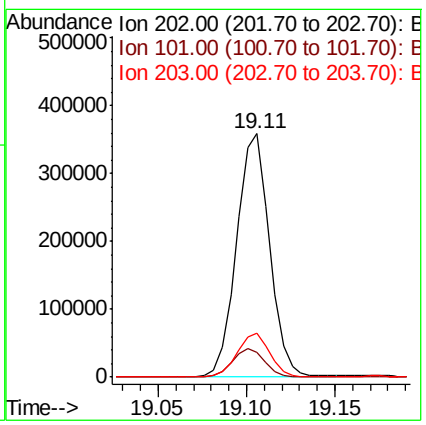


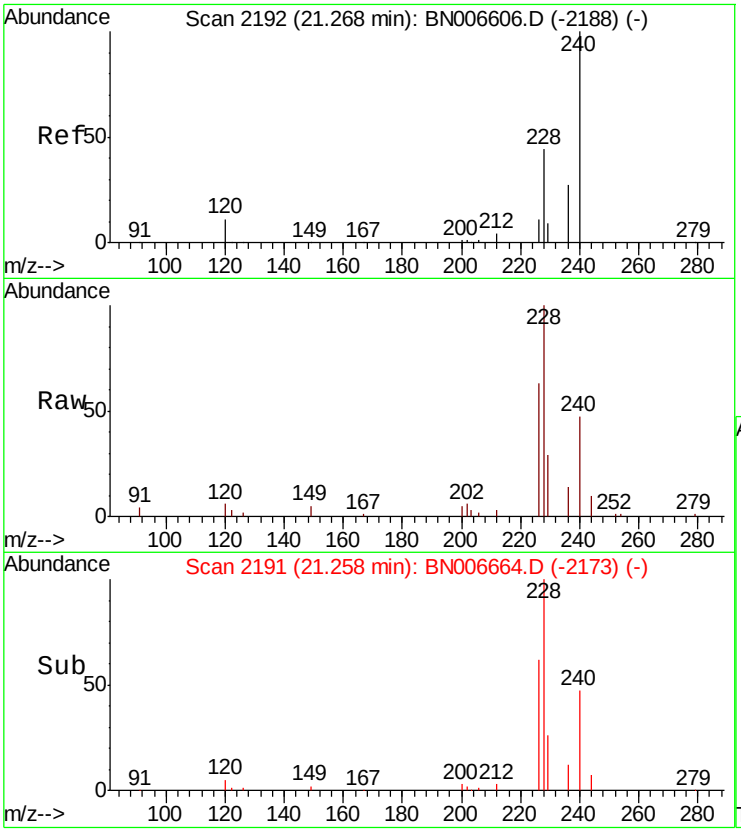


#26
Fluoranthene
Concen: 6.573 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:202 Resp: 463231

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
203	17.6	13.6	20.4



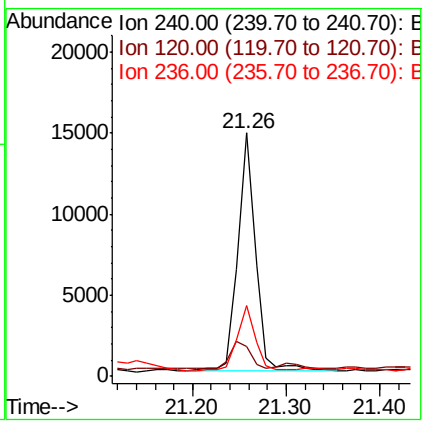


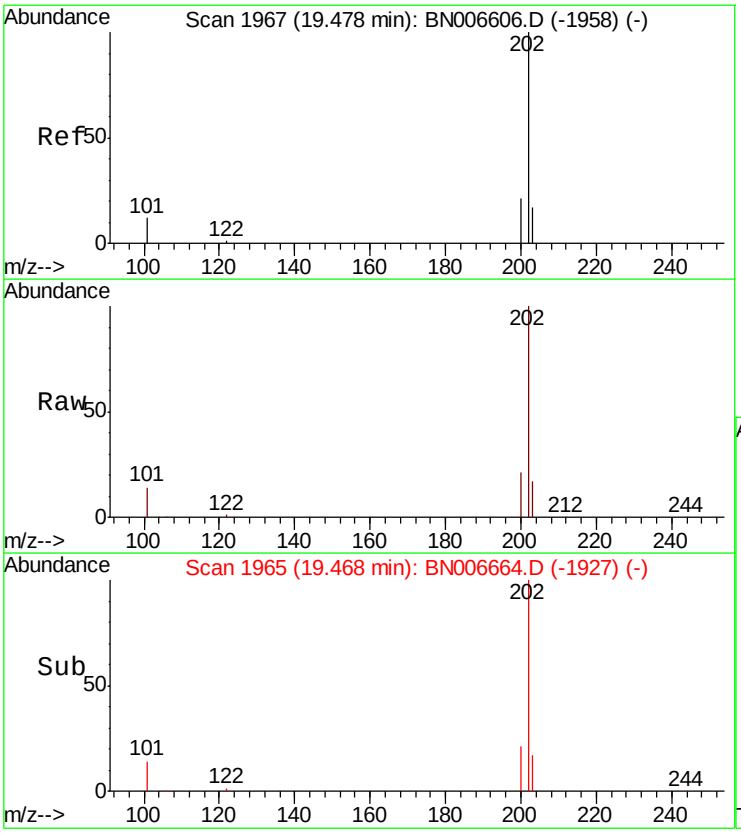
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:240 Resp: 18975

Ion	Ratio	Lower	Upper
240	100		
120	12.5	9.9	14.9
236	29.3	22.2	33.4

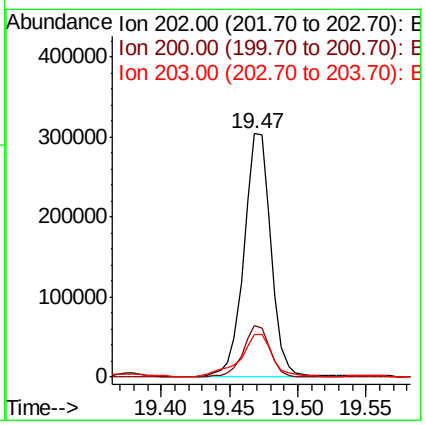


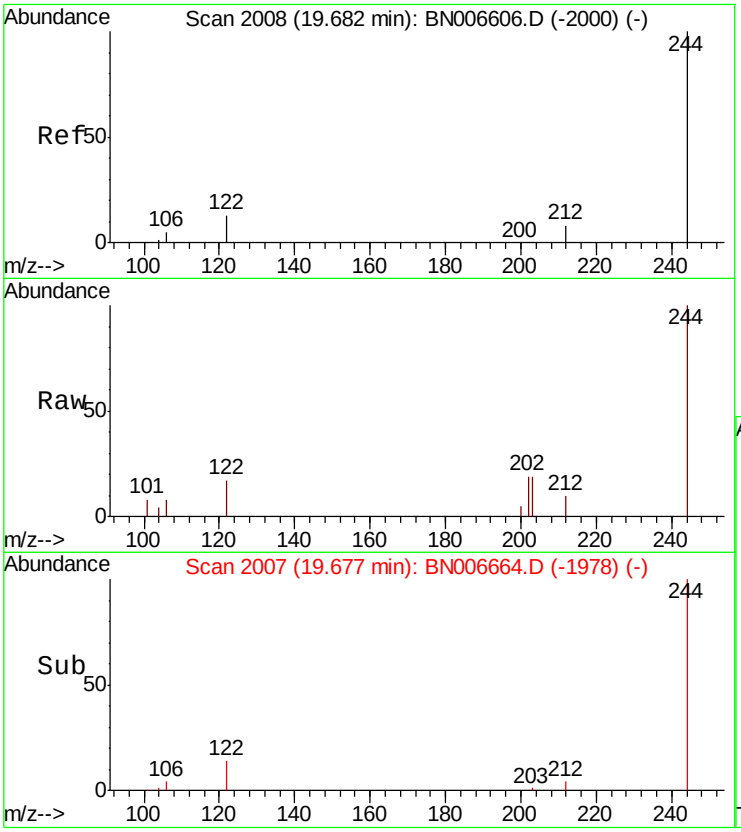


#28
Pyrene
Concen: 6.243 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:202 Resp: 414502

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	20.5	14.1	21.1



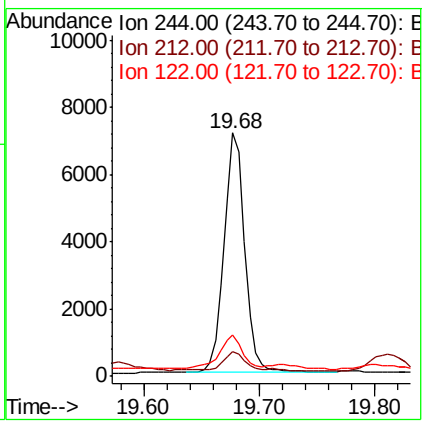


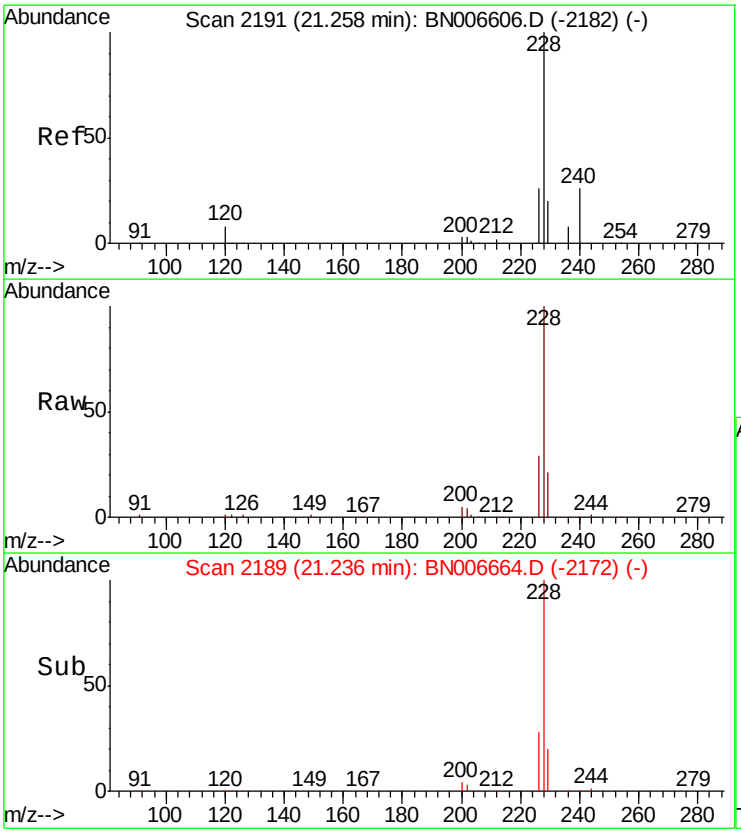
#29
Terphenyl-d14
Concen: 0.224 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:244 Resp: 8914

Ion	Ratio	Lower	Upper
244	100		
212	10.2	6.7	10.1#
122	16.9	11.0	16.6#

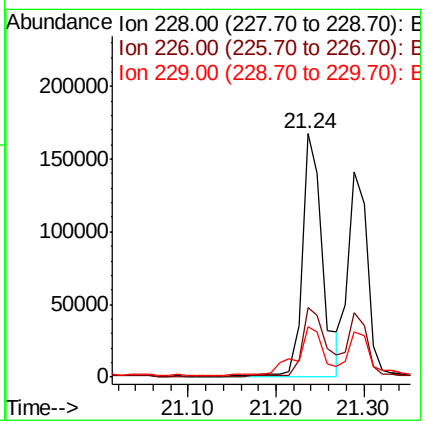


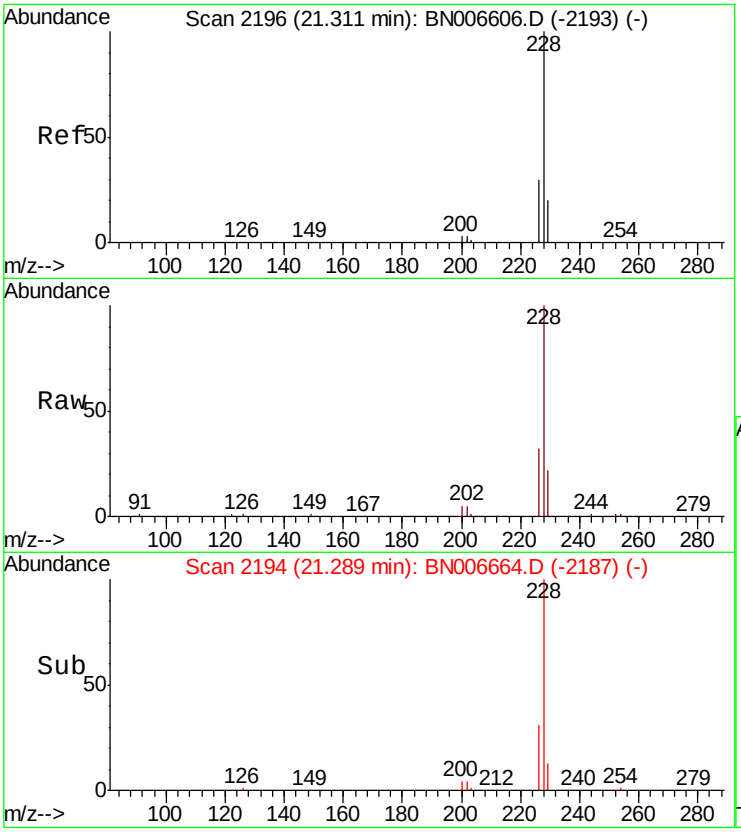


#30
Benzo(a)anthracene
Concen: 4.246 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:228 Resp: 263413

Ion	Ratio	Lower	Upper
228	100		
226	28.6	21.2	31.8
229	20.5	16.1	24.1



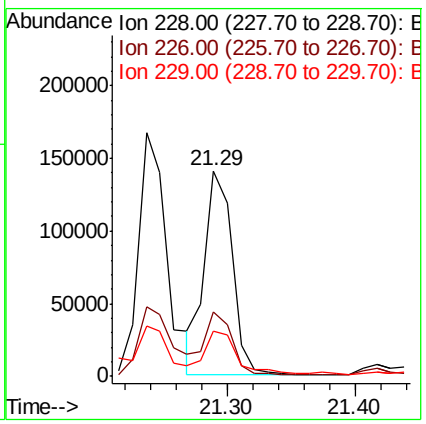


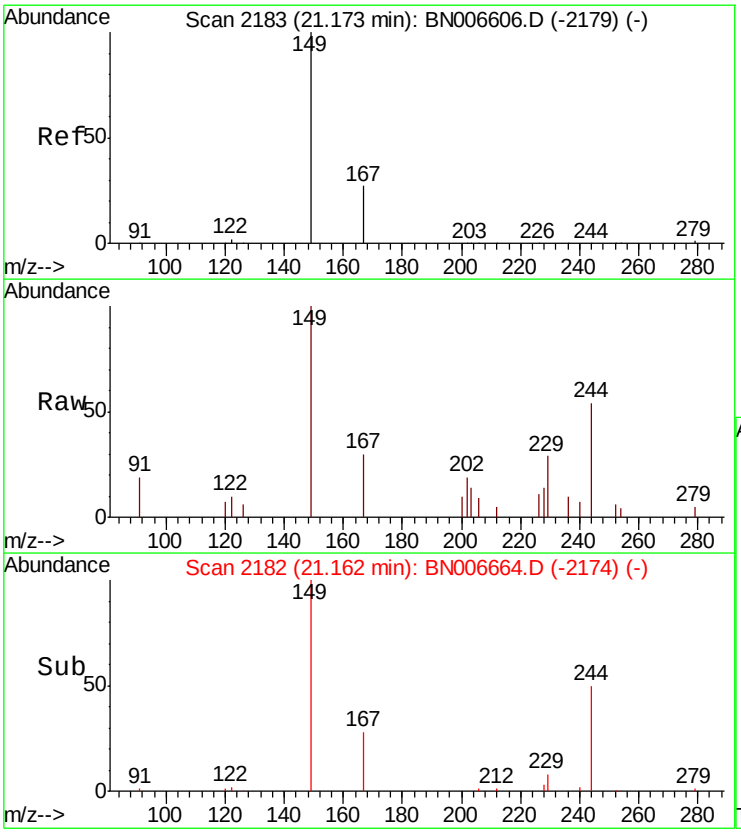
#31
Chrysene
Concen: 3.186 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:228 Resp: 213095

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.6
229	21.8	15.9	23.9

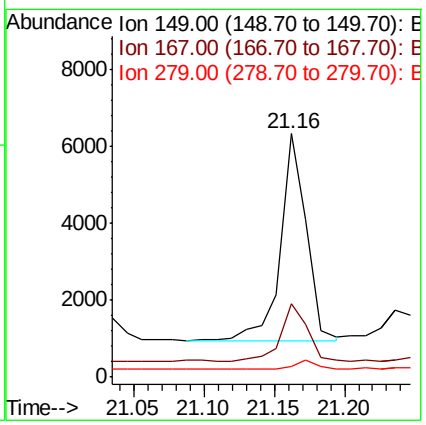


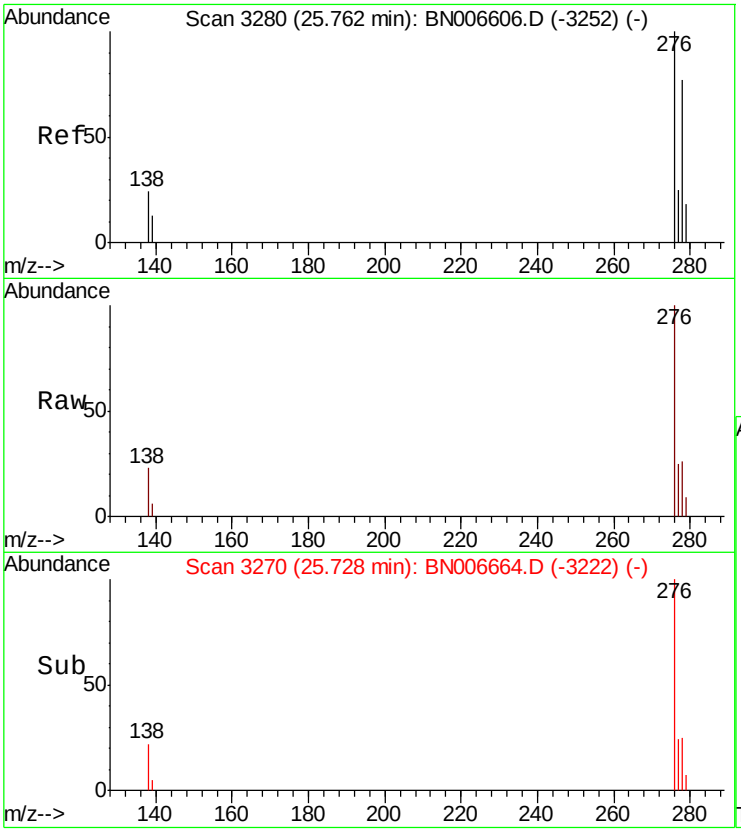


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.222 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:149 Resp: 6929

Ion	Ratio	Lower	Upper
149	100		
167	28.2	22.9	34.3
279	4.3	3.3	4.9



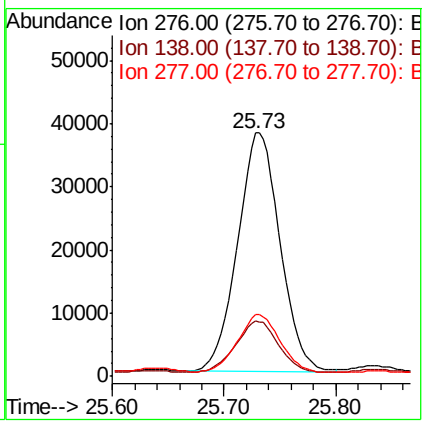


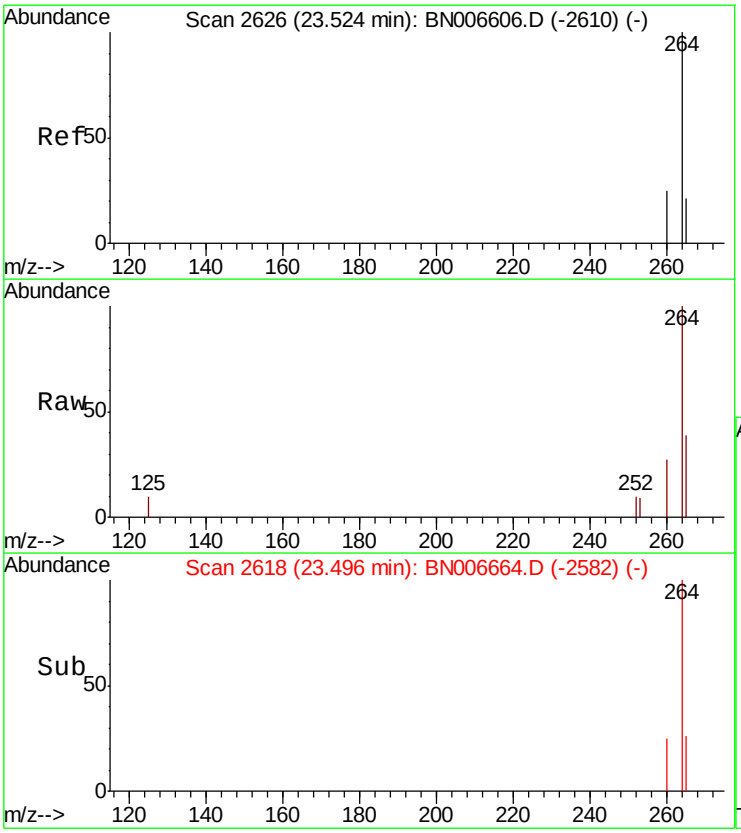
#33
Indeno(1,2,3-cd)pyrene
Concen: 1.470 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.03 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:276 Resp: 99514

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.3	28.9
277	24.5	19.9	29.9

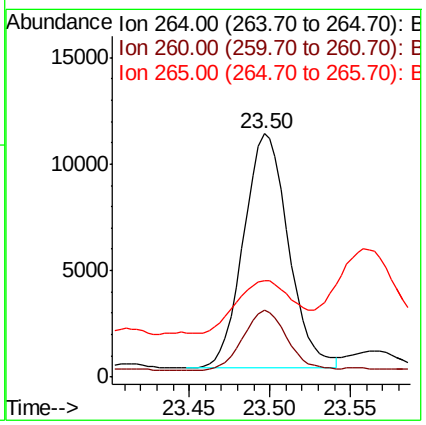


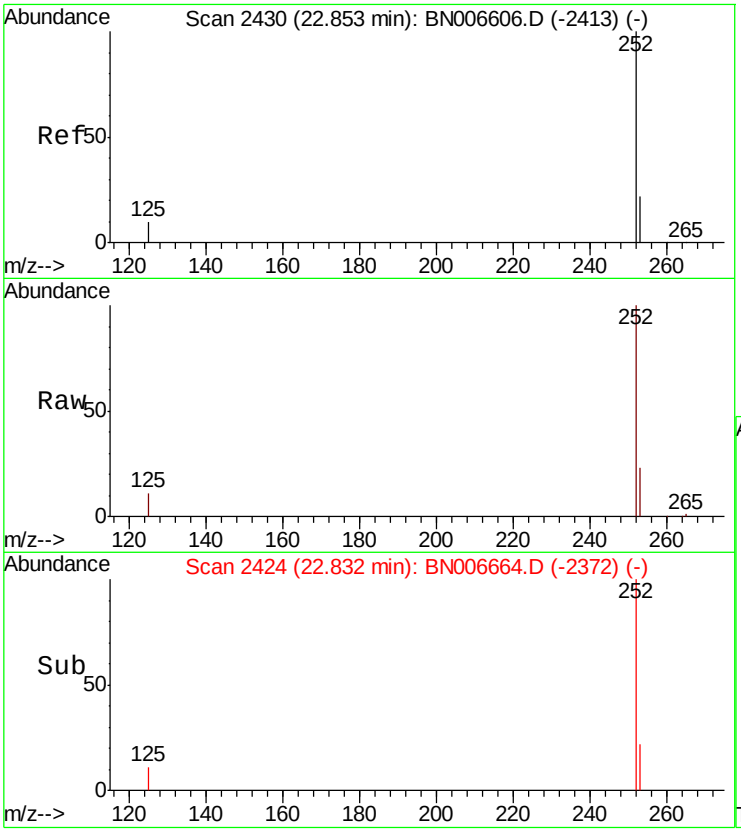


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:264 Resp: 21185

Ion	Ratio	Lower	Upper
264	100		
260	27.3	20.2	30.2
265	39.4	23.3	34.9#



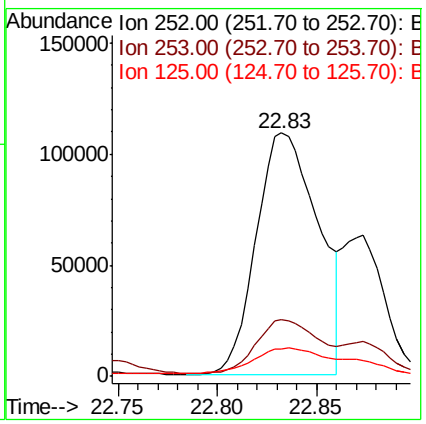


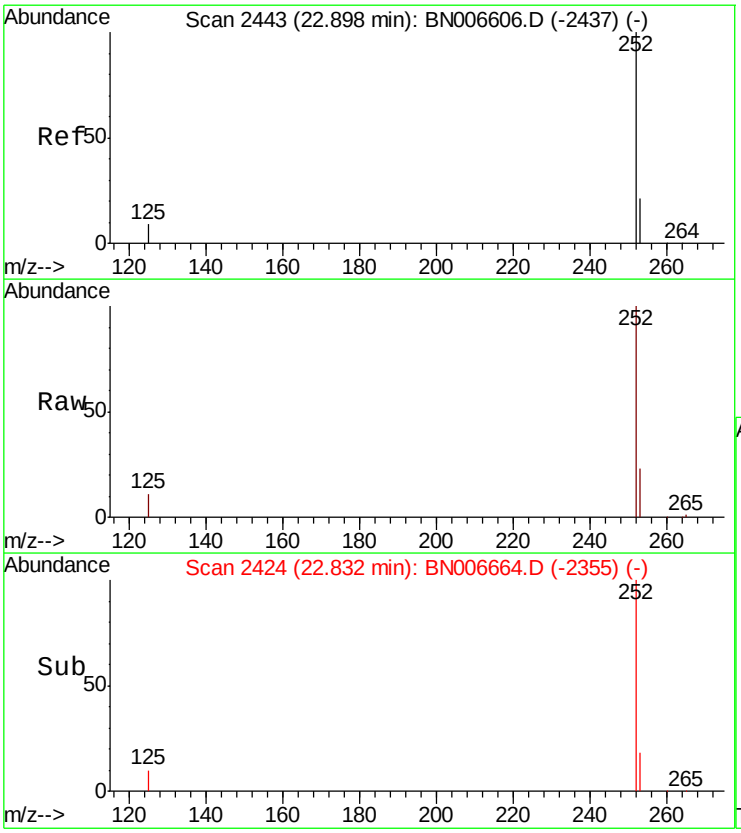
#35
Benzo(b)fluoranthene
Concen: 3.288 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:252 Resp: 236908

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	11.5	8.7	13.1

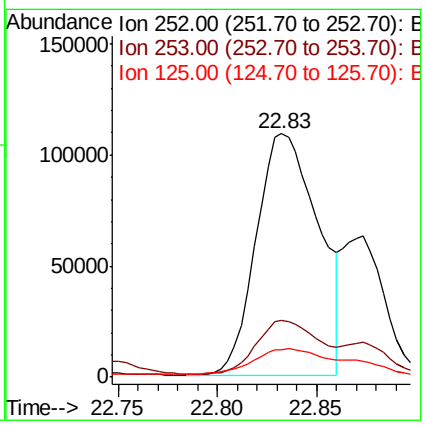


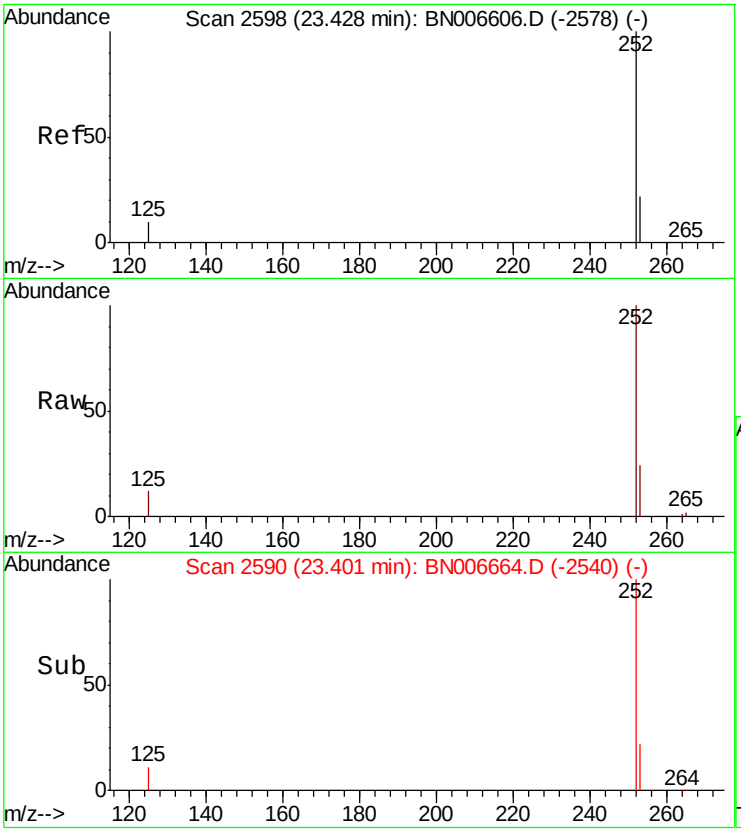


#36
Benzo(k)fluoranthene
Concen: 3.084 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.07 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:252 Resp: 236908

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.3	27.5
125	11.5	8.4	12.6



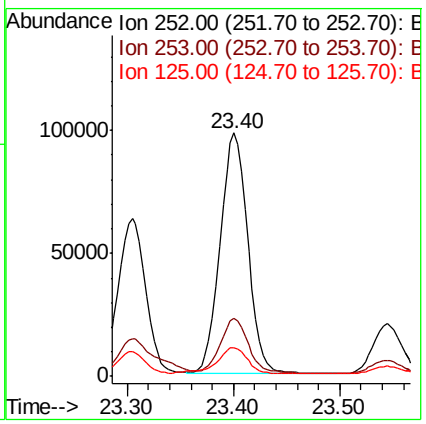


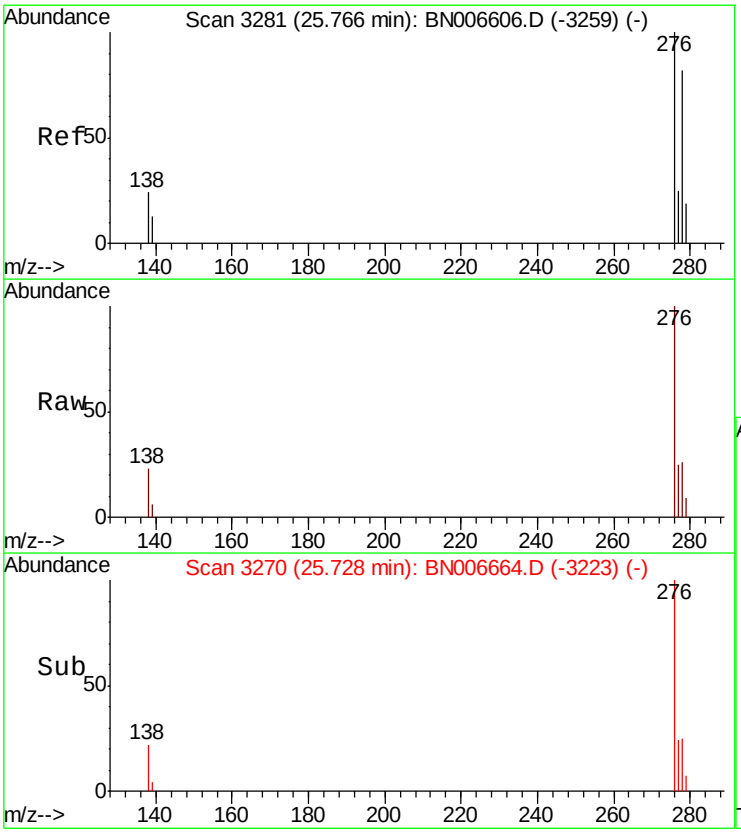
#37
Benzo(a)pyrene
Concen: 2.631 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.03 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:252 Resp: 177227

Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.8	28.2
125	11.9	9.4	14.2

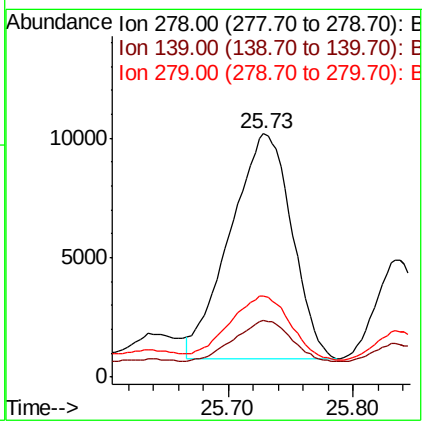


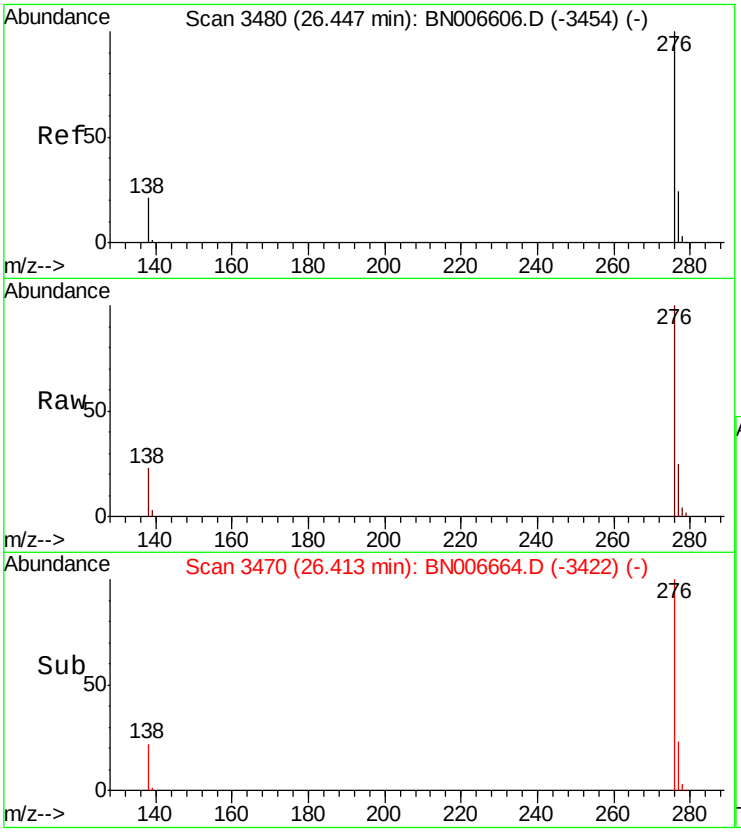


#38
Dibenzo(a,h)anthracene
Concen: 0.552 ng
RT: 25.73 min Scan# 3270
Delta R.T. -0.04 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Tgt Ion:278 Resp: 32494

Ion	Ratio	Lower	Upper
278	100		
139	23.2	13.5	20.3#
279	33.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.529 ng
RT: 26.41 min Scan# 3470
Delta R.T. -0.03 min
Lab File: BN006664.D
Acq: 01 Jul 2019 17:03

Instrument :
BNA_N
ClientSampleId :
EXT-029-SW169-062019

Tgt Ion:276 Resp: 89806

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.6	29.4
138	22.9	17.7	26.5