Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN070119\
Data File : BN006667.D
Acq On : 01 Jul 2019 18:47
Operator : HP/JU
Sample : K3505-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-013-B039-062019

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Quant Time: Jul 02 05:41:22 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	4527	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	18255	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	10056	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	21091	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	20125	0.40	ng		-0.02
34) Perylene-d12	23.48	264	22452	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2803	0.25	ng		0.00
5) Phenol-d6	6.82	99	3684	0.25	ng		0.00
8) Nitrobenzene-d5	8.79	82	2494	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	6079	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1121	0.24	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	7879	0.21	ng		-0.01
25) Fluoranthene-d10	19.07	212	11703	0.19	ng		0.00
29) Terphenyl-d14	19.67	244	8042	0.19	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	10964	0.229	ng		97
12) 2-Methylnaphthalene	12.07	142	6823	0.206	ng		99
16) Acenaphthylene	13.99	152	71252	1.486	ng		99
17) Acenaphthene	14.33	154	12785	0.405	ng		98
18) Fluorene	15.32	166	25814	0.648	ng	#	91
23) Phenanthrene	17.07	178	438144	7.306	ng		100
24) Anthracene	17.16	178	86795	1.668	ng		96
26) Fluoranthene	19.10	202	611749	8.394	ng		98
28) Pyrene	19.47	202	629063	8.933	ng		97
30) Benzo(a)anthracene	21.23	228	333331	5.066	ng		97
31) Chrysene	21.28	228	288100	4.062	ng		96
32) Bis(2-ethylhexyl)phthalate	21.15	149	29200	0.882	ng		100
33) Indeno(1,2,3-cd)pyrene	25.71	276	178291	2.483	ng		97
35) Benzo(b)fluoranthene	22.81	252	363069	4.754	ng		100
36) Benzo(k)fluoranthene	22.85	252	110937m	1.363	ng		
37) Benzo(a)pyrene	23.38	252	263465	3.690	ng		100
38) Dibenzo(a,h)anthracene	25.70	278	49935	0.801	ng	#	86
39) Benzo(g,h,i)perylene	26.40	276	183246	2.943	ng		100

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

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Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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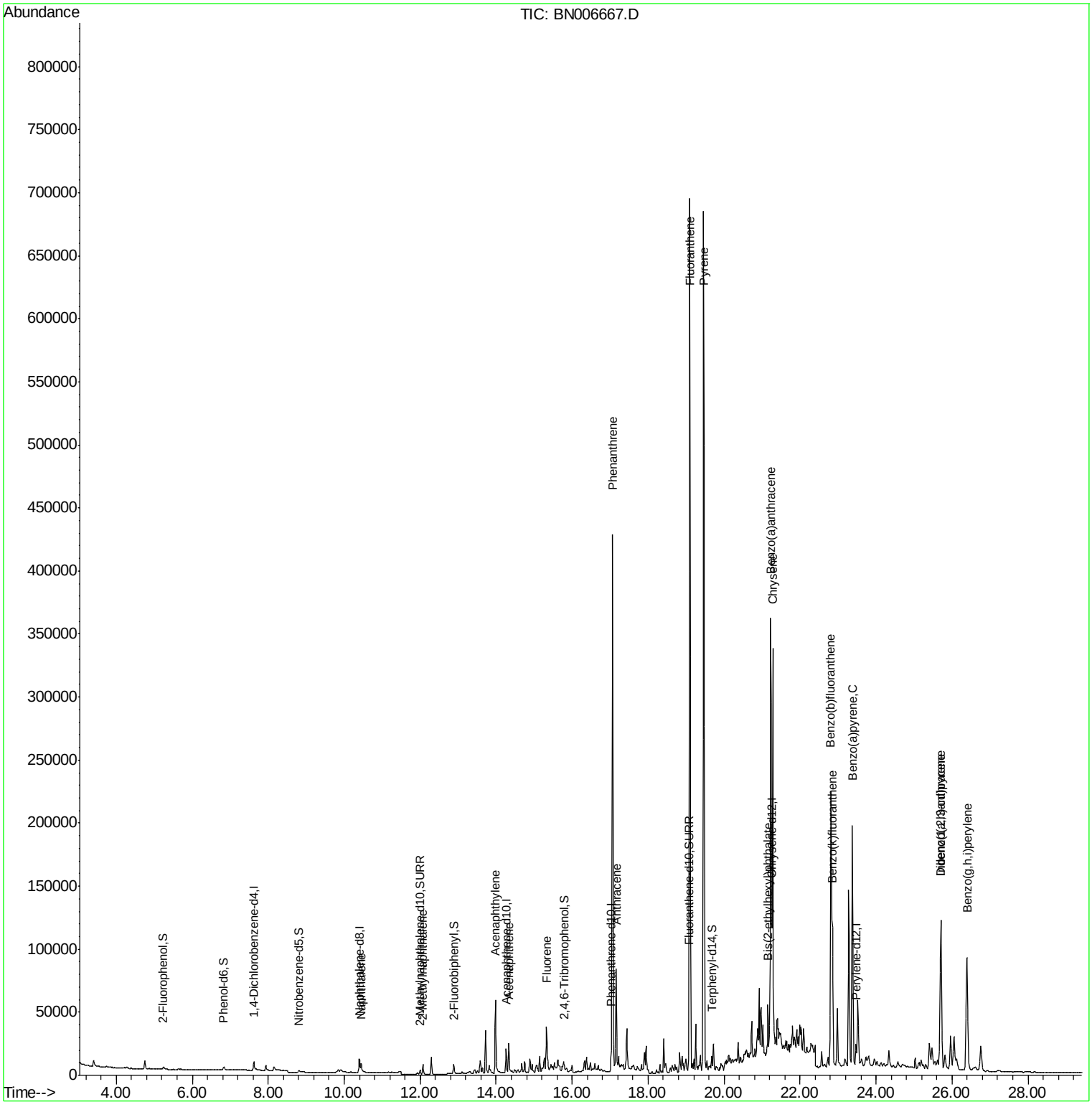
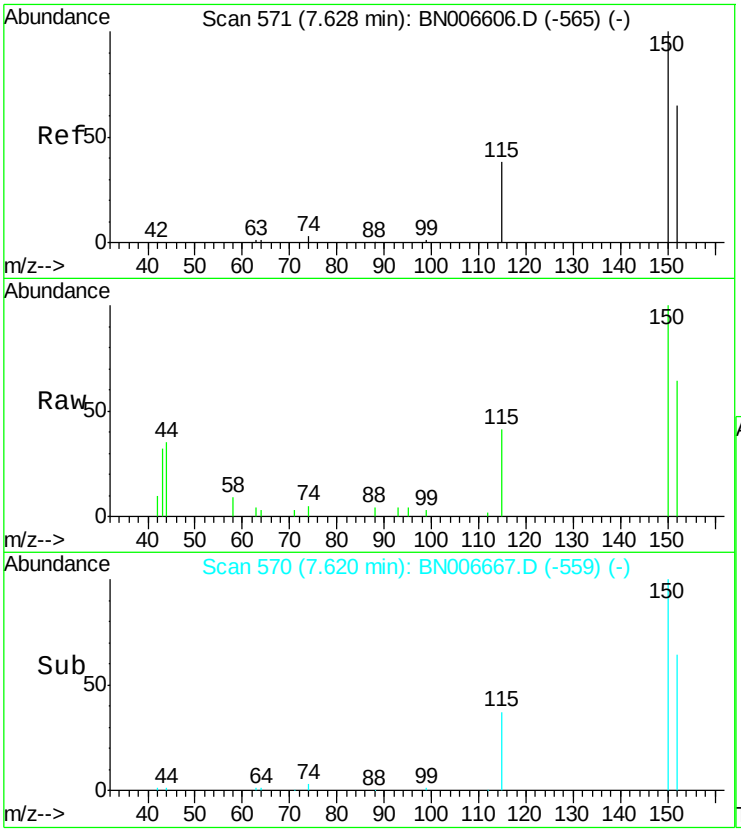
7/2/2019 2:52:38 PM

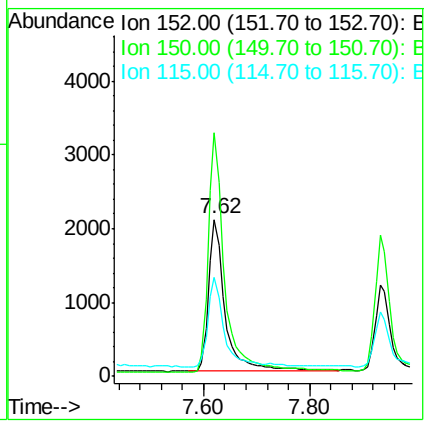




#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:152 Resp: 4527

Ion	Ratio	Lower	Upper
152	100		
150	155.1	122.2	183.2
115	63.2	50.0	75.0



Instrument :
BNA_N
ClientSampleId :
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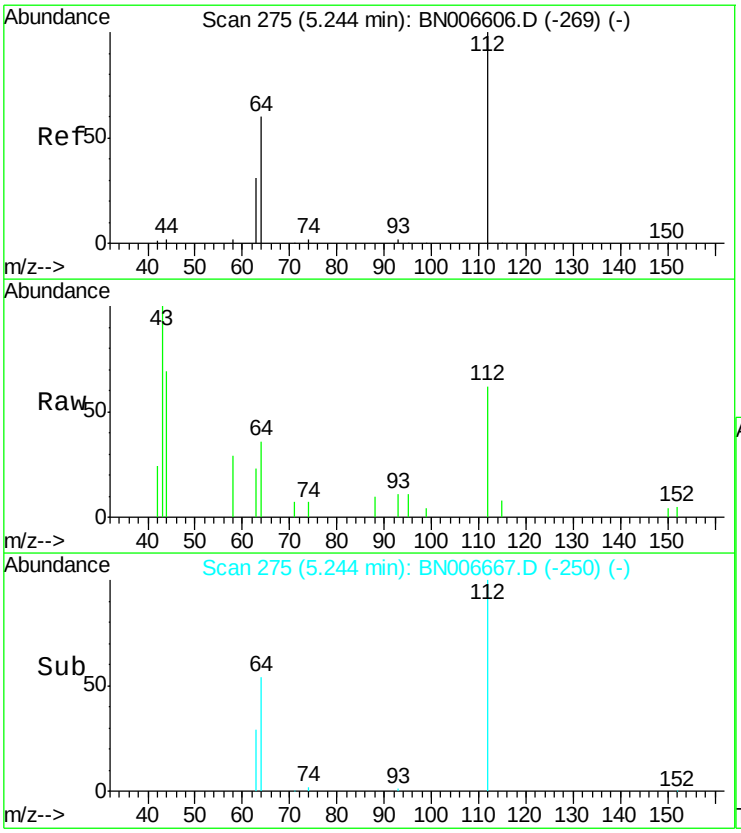
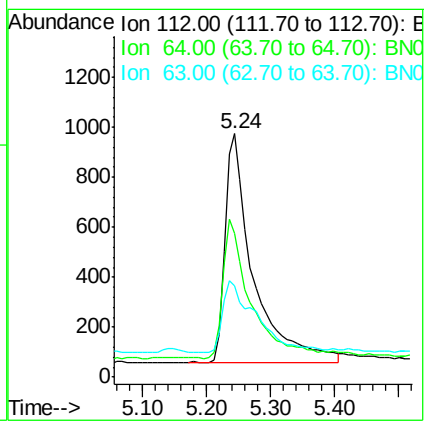
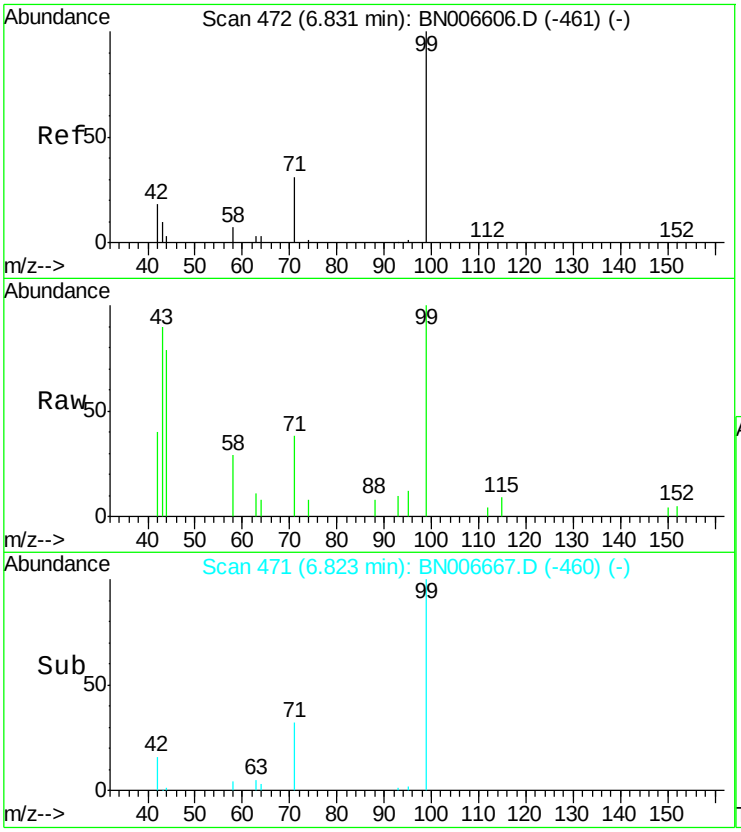


#4
2-Fluorophenol
Concen: 0.252 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:112 Resp: 2803

Ion	Ratio	Lower	Upper
112	100		
64	60.3	48.9	73.3
63	36.7	24.3	36.5#

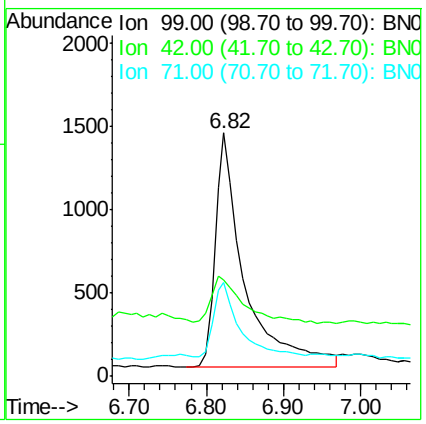




#5
Phenol-d6
Concen: 0.251 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion: 99 Resp: 3684

Ion	Ratio	Lower	Upper
99	100		
42	22.8	16.4	24.6
71	28.8	26.6	40.0



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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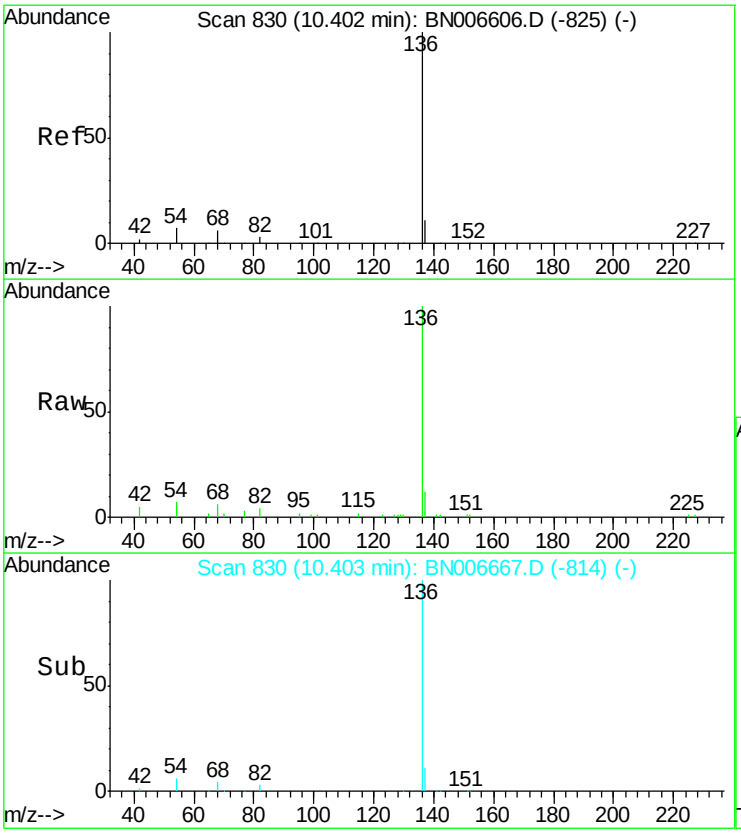
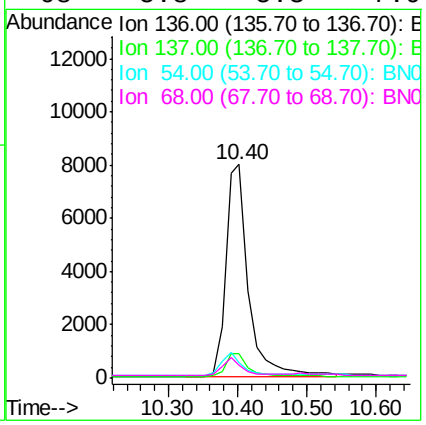
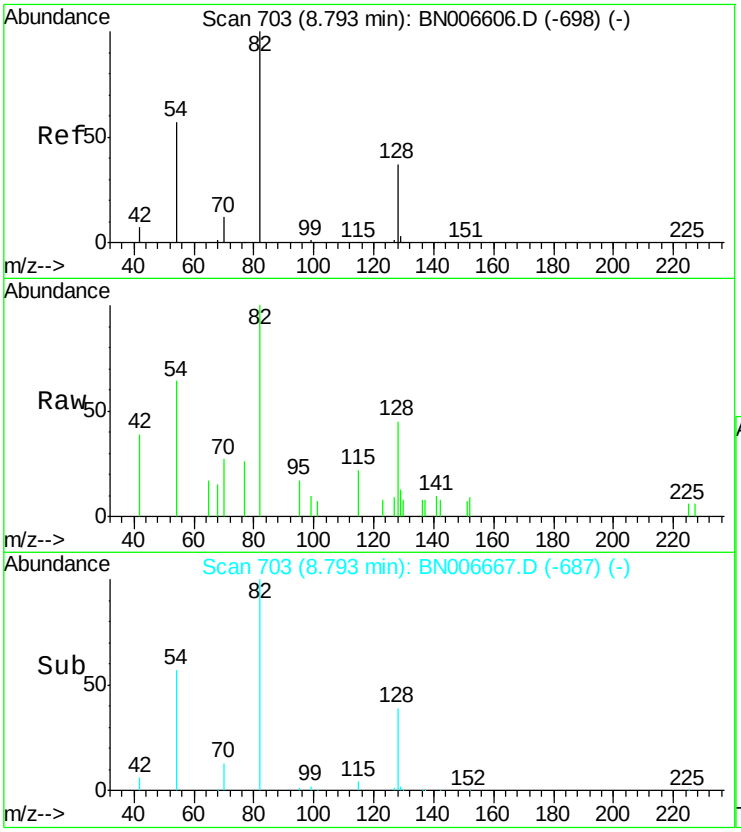


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. 0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:136 Resp: 18255

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.3	6.7	10.1
68	5.8	5.3	7.9

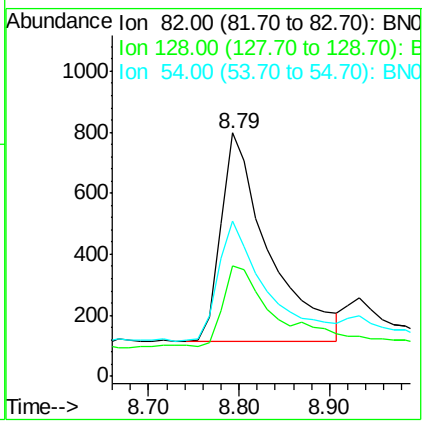




#8
Nitrobenzene-d5
Concen: 0.203 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion: 82 Resp: 2494

Ion	Ratio	Lower	Upper
82	100		
128	45.2	32.6	49.0
54	63.5	48.2	72.4



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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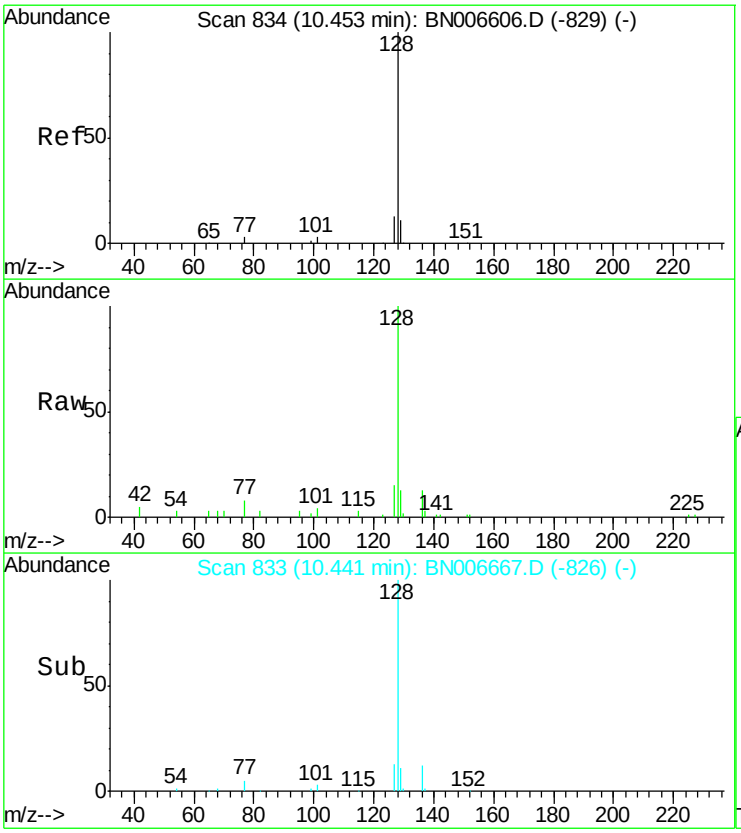
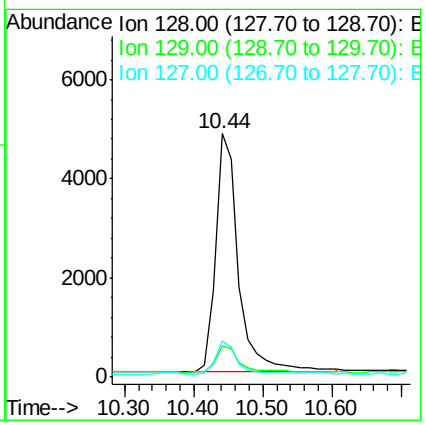
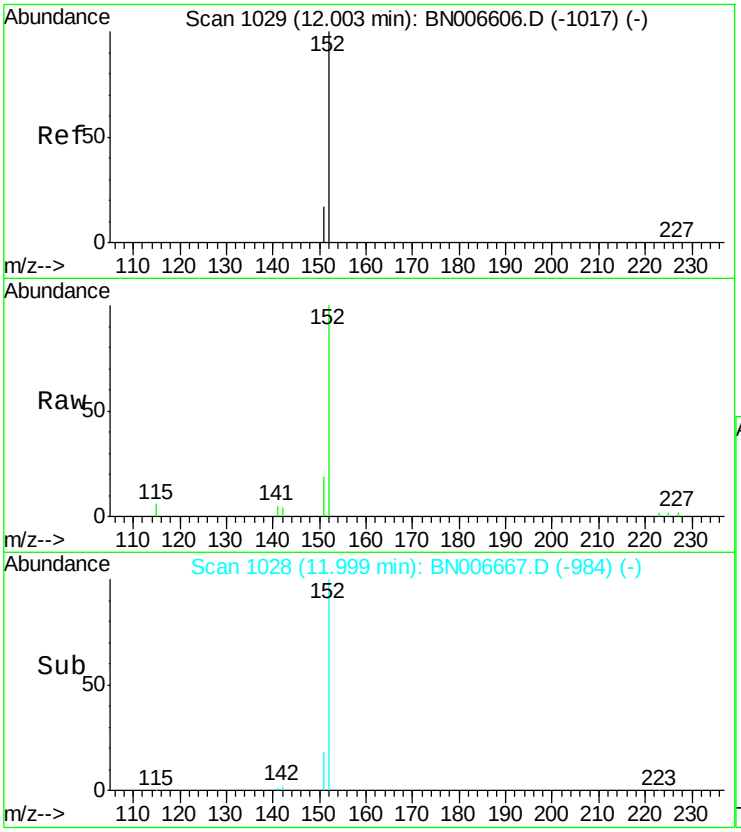


#9
Naphthalene
Concen: 0.229 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:128 Resp: 10964

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.3	13.9
127	14.7	10.8	16.2





#11
2-Methylnaphthalene-d10
Concen: 0.211 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:152 Resp: 6079

Ion	Ratio	Lower	Upper
152	100		
151	18.8	15.0	22.4

Instrument :
BNA_N
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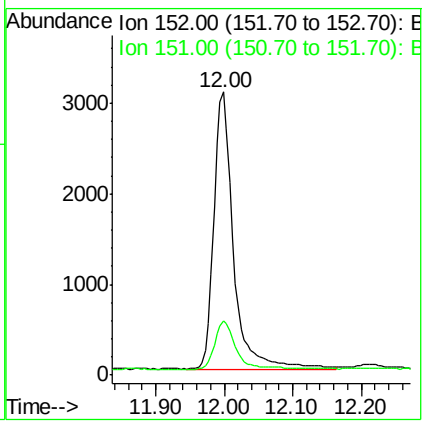
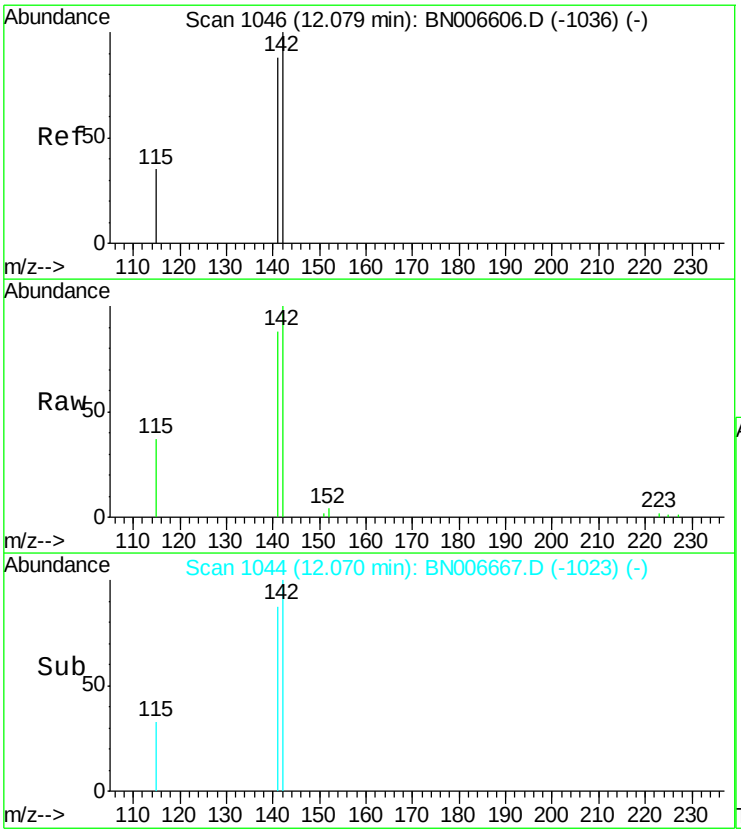
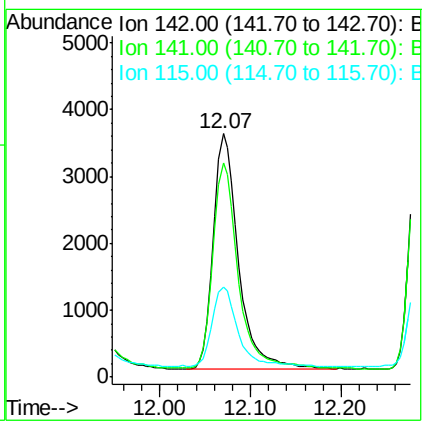


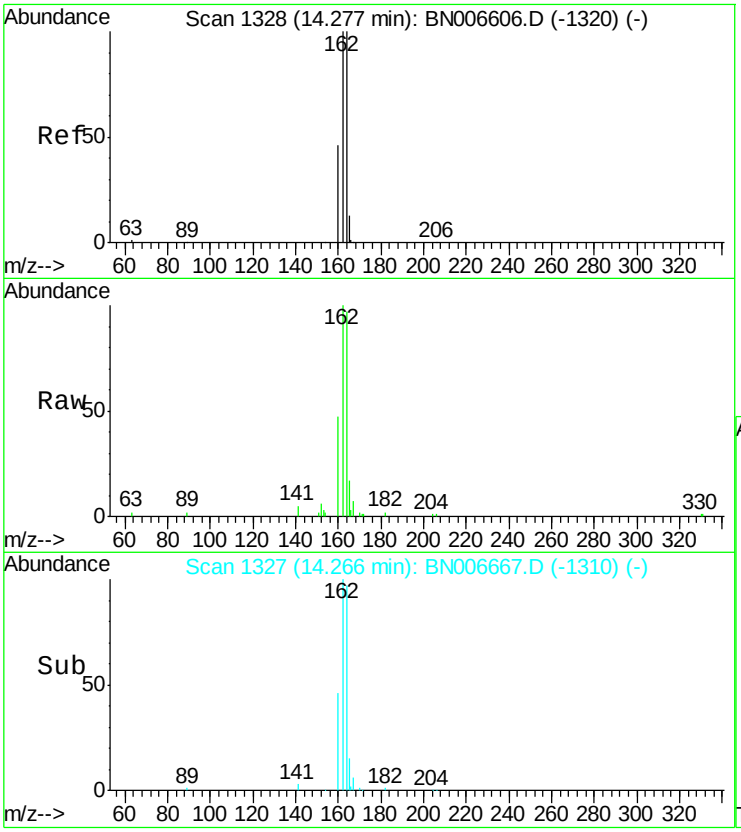


#12
2-Methylnaphthalene
Concen: 0.206 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:142 Resp: 6823

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

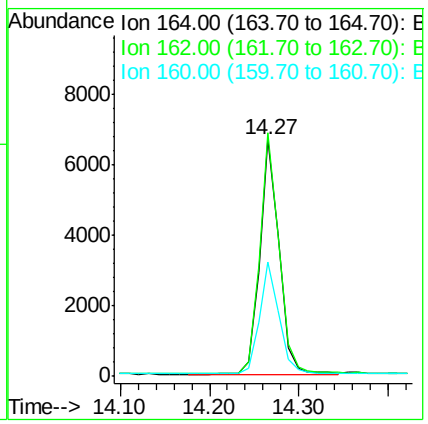




#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:164 Resp: 10056

Ion	Ratio	Lower	Upper
164	100		
162	102.8	80.0	120.0
160	48.1	37.0	55.4



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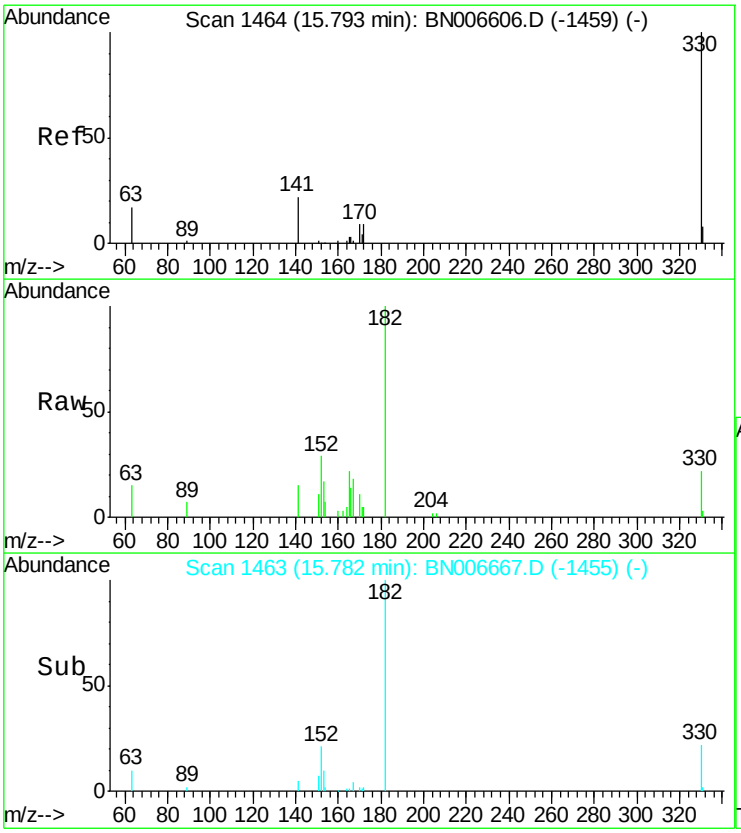
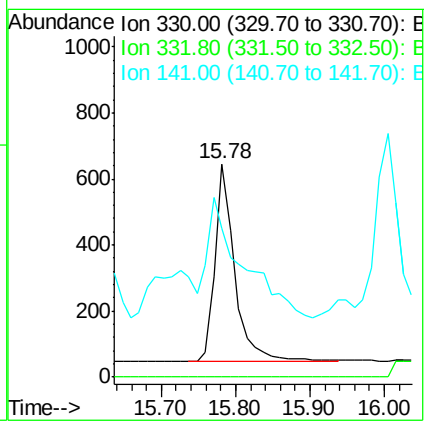
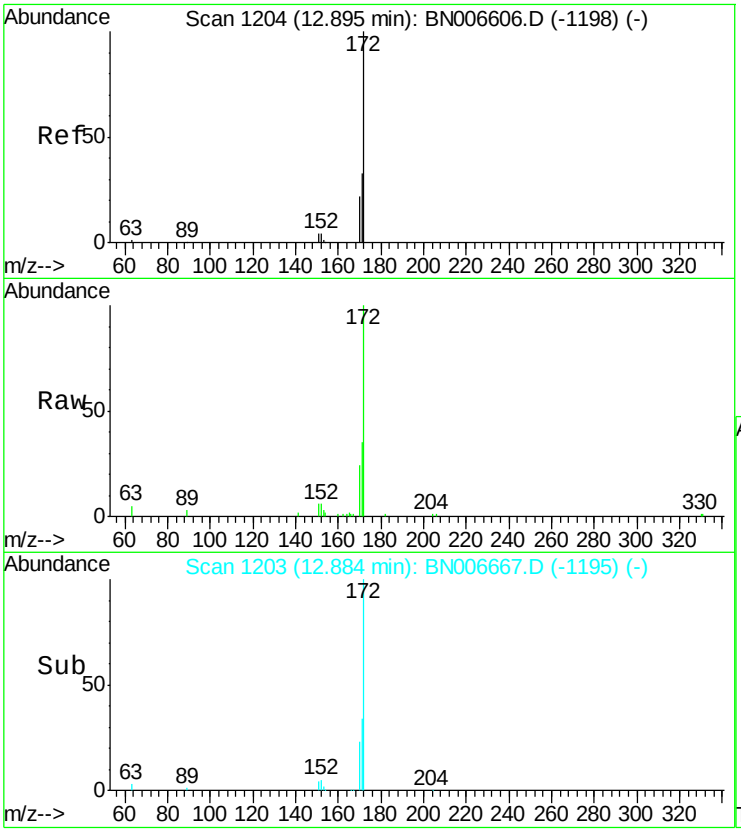


#14
2,4,6-Tribromophenol
Concen: 0.237 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:330 Resp: 1121

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	107.2	26.5	39.7#

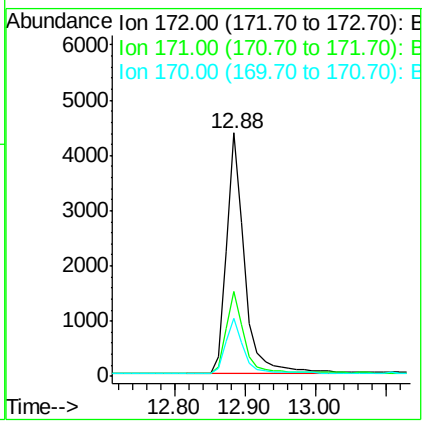




#15
2-Fluorobiphenyl
Concen: 0.211 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:172 Resp: 7879

Ion	Ratio	Lower	Upper
172	100		
171	35.0	27.0	40.4
170	23.7	17.7	26.5



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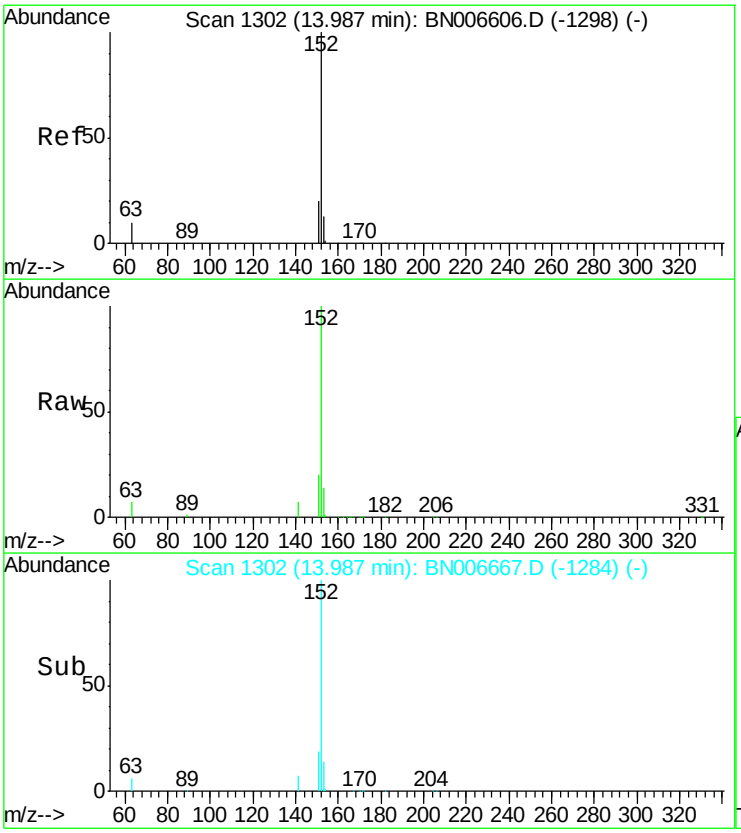
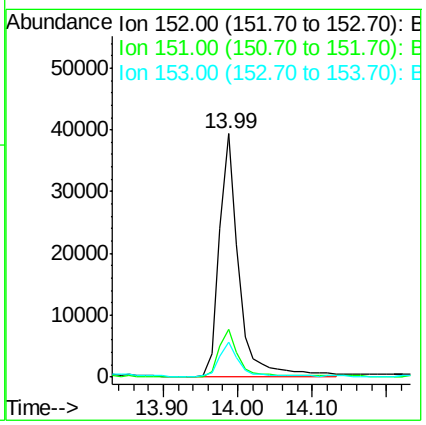
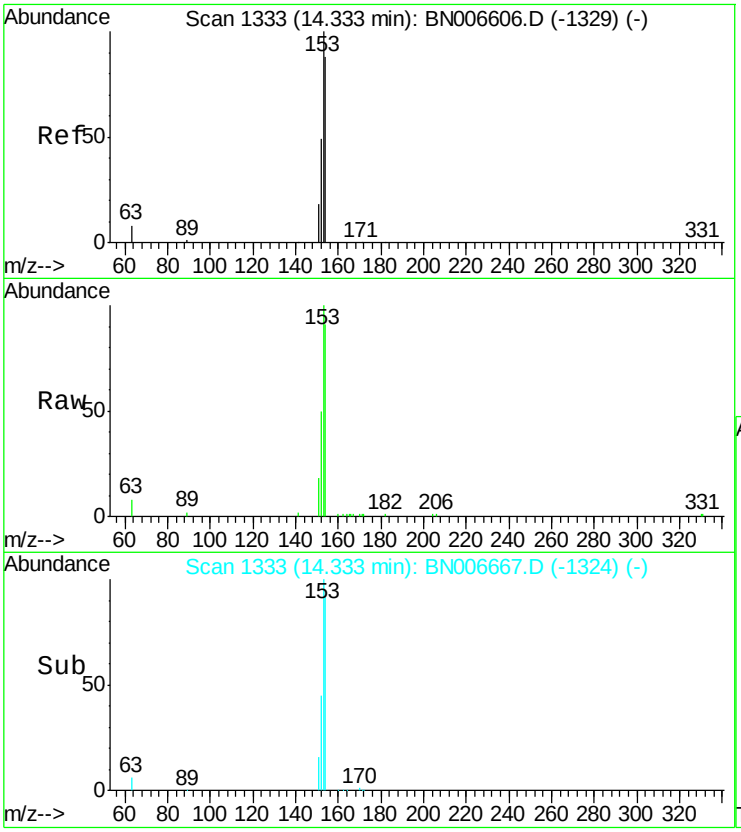


#16
Acenaphthylene
Concen: 1.486 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:152 Resp: 71252

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.6	23.4
153	13.5	10.5	15.7

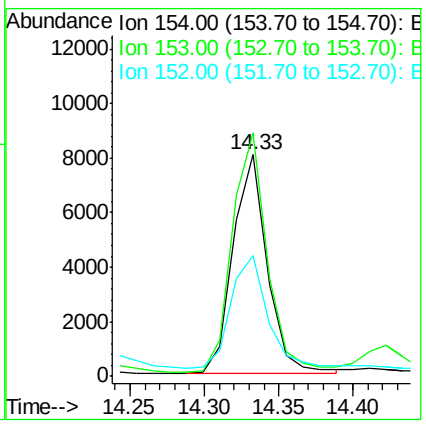




#17
Acenaphthene
Concen: 0.405 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:154 Resp: 12785

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.2	135.4
152	58.6	44.2	66.4



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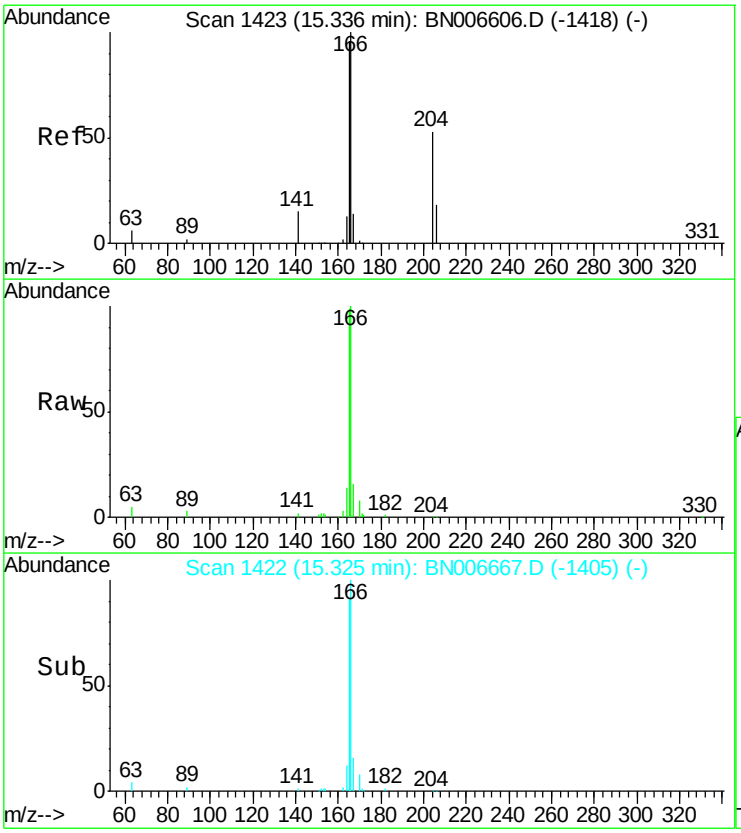
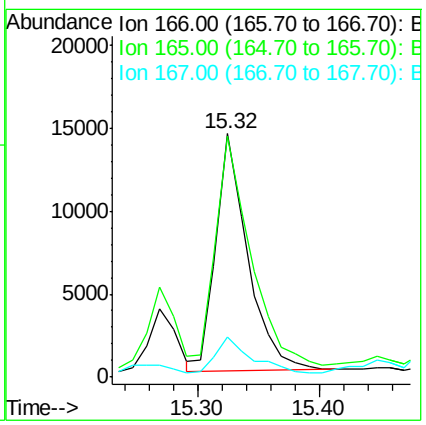
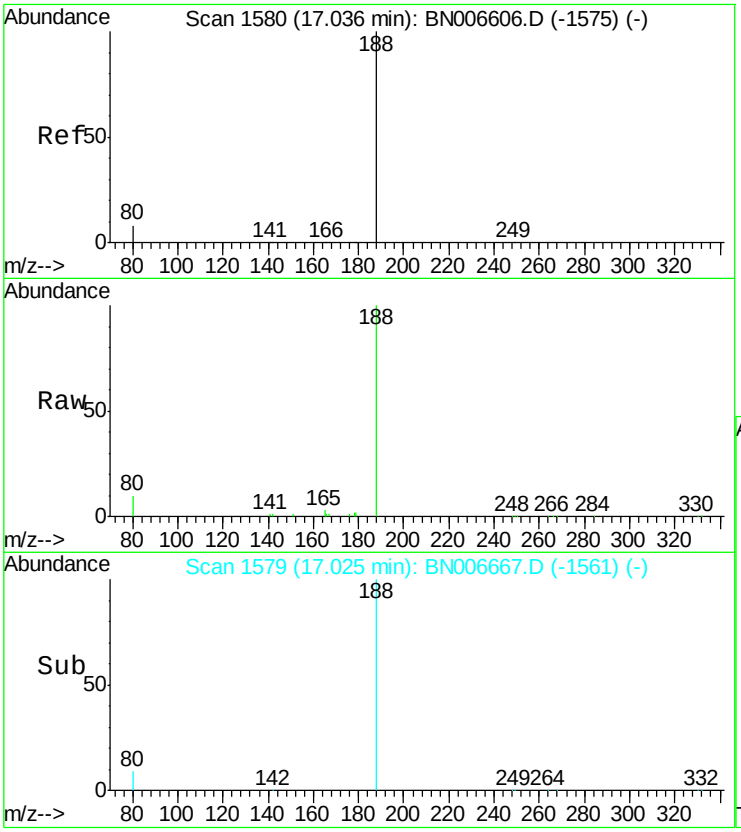


#18
Fluorene
Concen: 0.648 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:166 Resp: 25814

Ion	Ratio	Lower	Upper
166	100		
165	107.1	78.4	117.6
167	17.2	10.8	16.2#

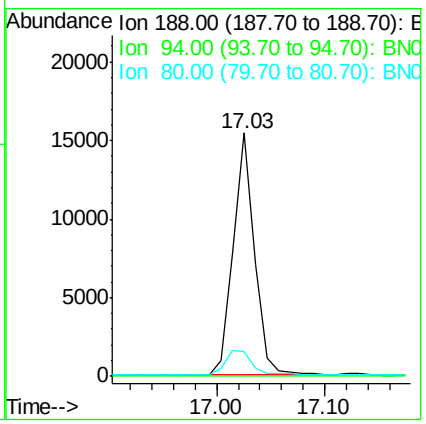




#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:188 Resp: 21091

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.3	7.1	10.7



Instrument :
BNA_N
ClientSampleId :
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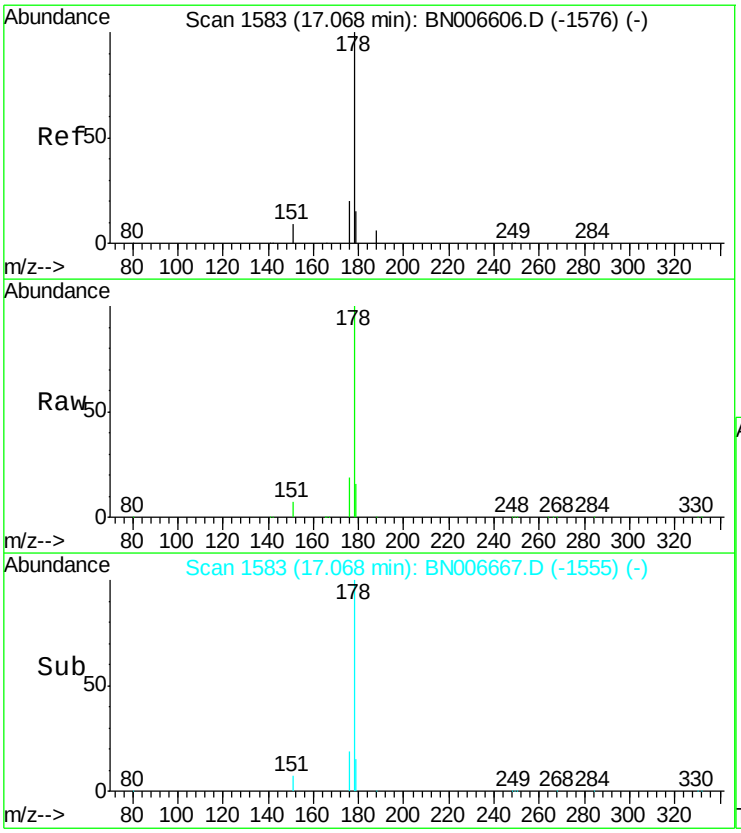
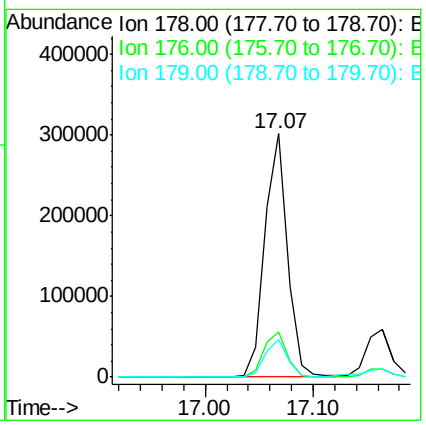
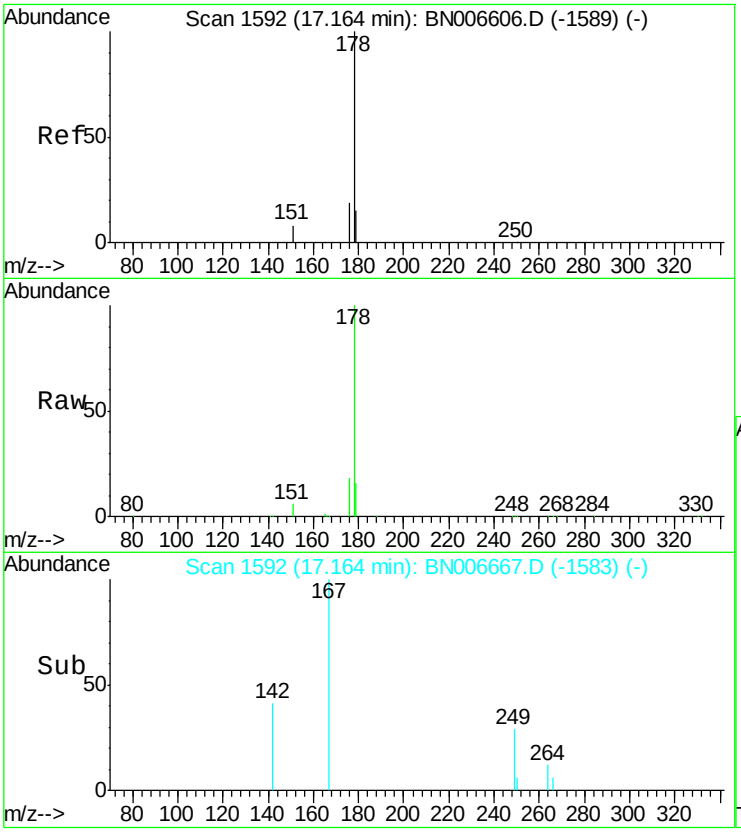


#23
Phenanthrene
Concen: 7.306 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:178 Resp: 438144

Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.3	22.9
179	15.5	12.2	18.4

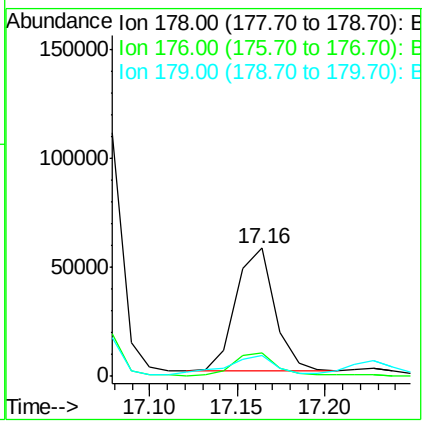




#24
Anthracene
Concen: 1.668 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:178 Resp: 86795

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.0	22.4
179	18.1	12.2	18.2



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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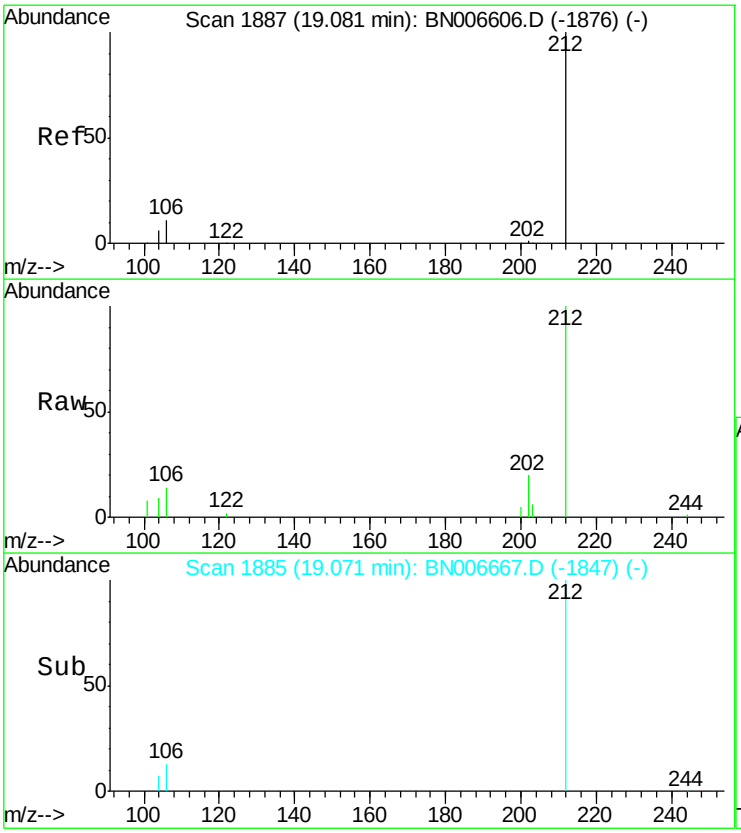
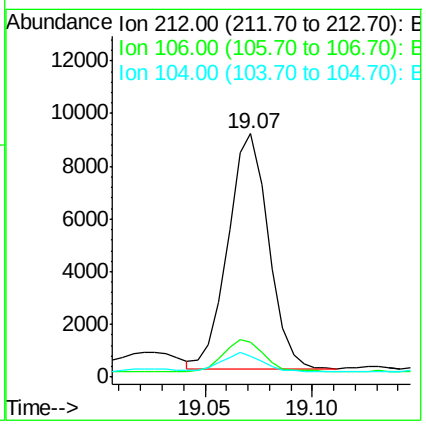
7/2/2019 2:52:38 PM

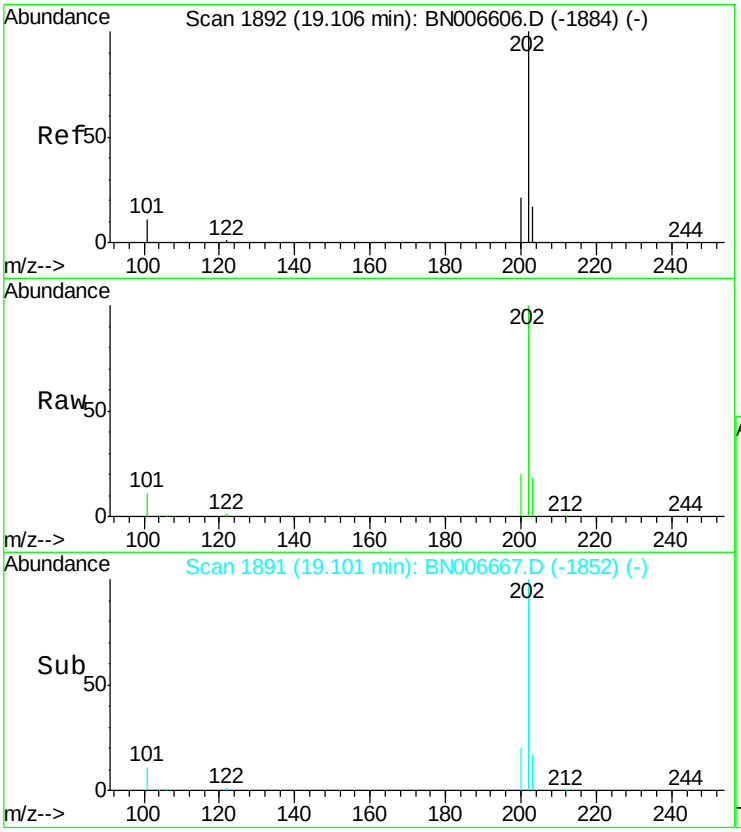


#25
Fluoranthene-d10
Concen: 0.189 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:212 Resp: 11703

Ion	Ratio	Lower	Upper
212	100		
106	14.0	10.6	15.8
104	8.5	5.8	8.6

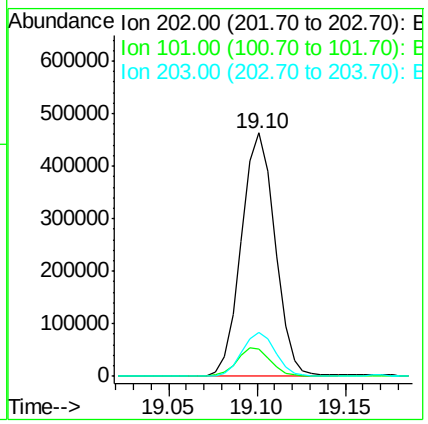




#26
Fluoranthene
Concen: 8.394 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:202 Resp: 611749

Ion	Ratio	Lower	Upper
202	100		
101	11.7	8.9	13.3
203	17.7	13.6	20.4



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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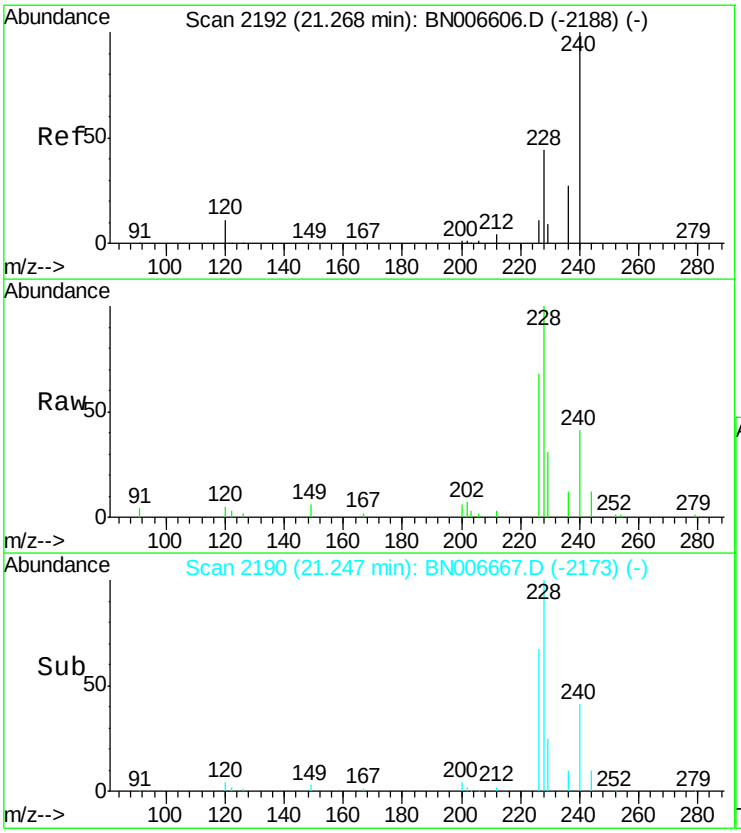
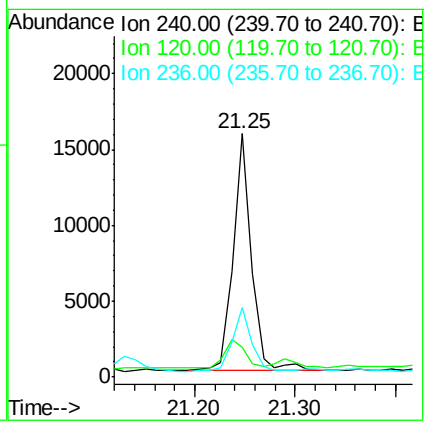
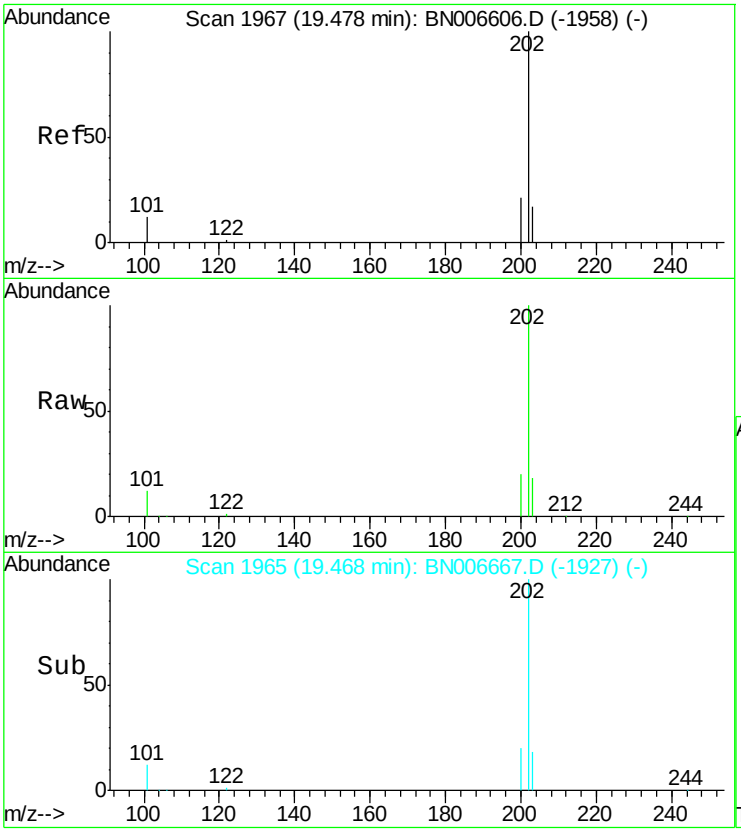


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:240 Resp: 20125

Ion	Ratio	Lower	Upper
240	100		
120	12.4	9.9	14.9
236	28.7	22.2	33.4

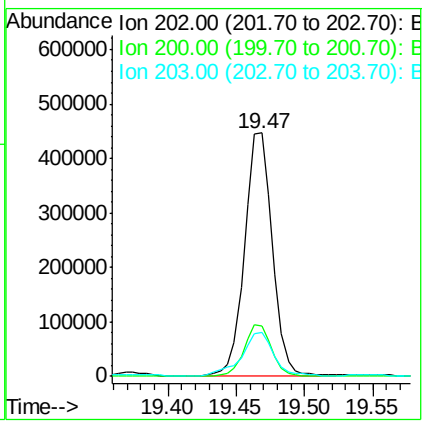




#28
Pyrene
Concen: 8.933 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:202 Resp: 629063

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	20.6	14.1	21.1



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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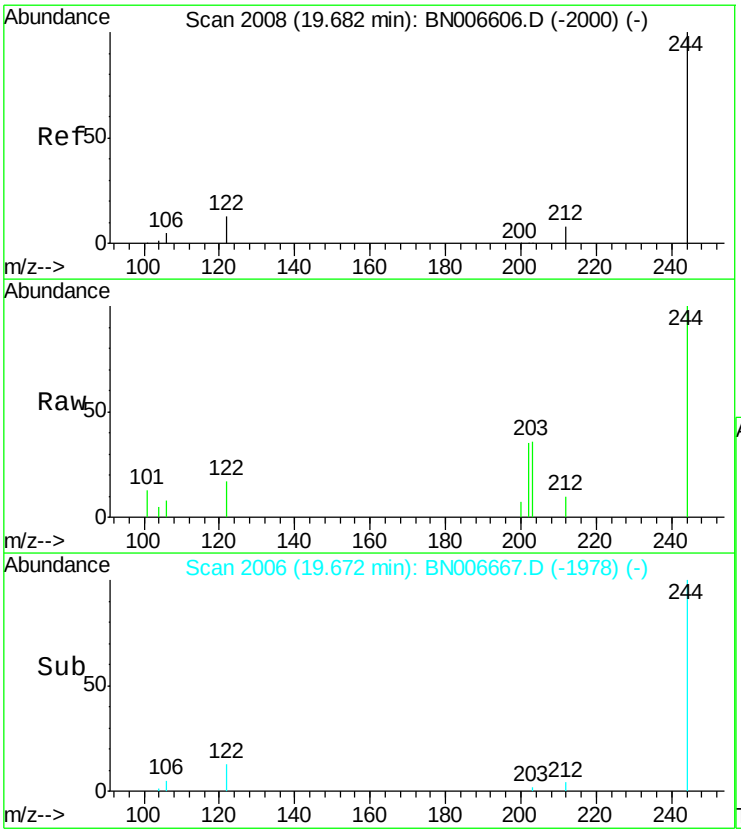
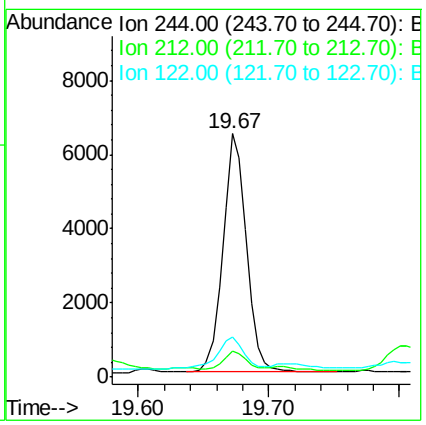
7/2/2019 2:52:38 PM

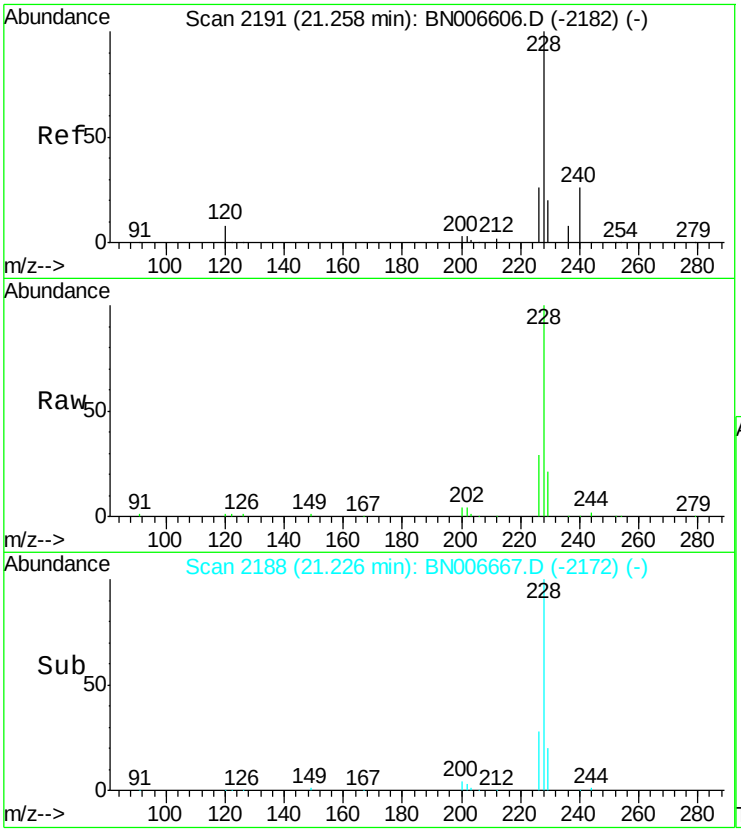


#29
Terphenyl-d14
Concen: 0.191 ng
RT: 19.67 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:244 Resp: 8042

Ion	Ratio	Lower	Upper
244	100		
212	10.5	6.7	10.1#
122	16.6	11.0	16.6#

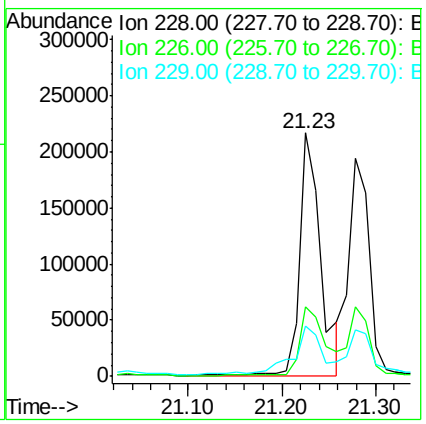




#30
Benzo(a)anthracene
Concen: 5.066 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:228 Resp: 333331

Ion	Ratio	Lower	Upper
228	100		
226	28.7	21.2	31.8
229	20.9	16.1	24.1



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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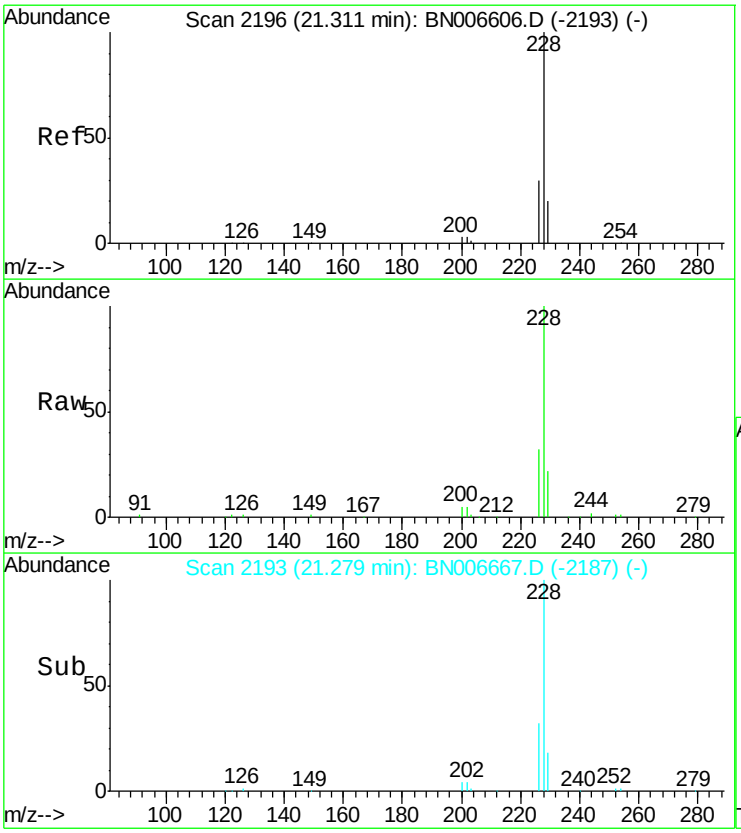
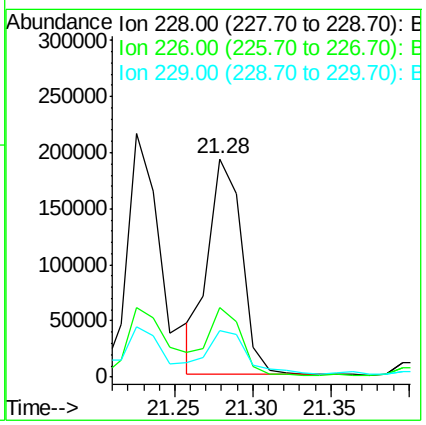
7/2/2019 2:52:38 PM

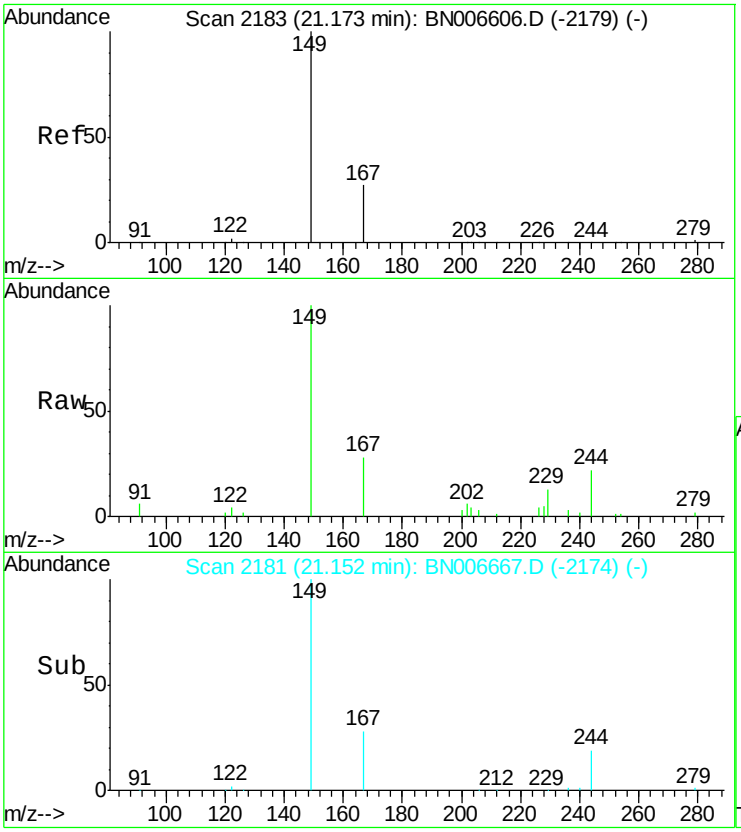


#31
Chrysene
Concen: 4.062 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:228 Resp: 288100

Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.8	35.6
229	21.6	15.9	23.9

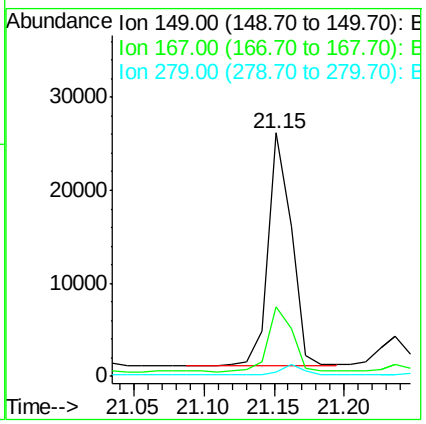




#32
Bis(2-ethylhexyl)phthalate
Concen: 0.882 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:149 Resp: 29200

Ion	Ratio	Lower	Upper
149	100		
167	28.7	22.9	34.3
279	4.0	3.3	4.9



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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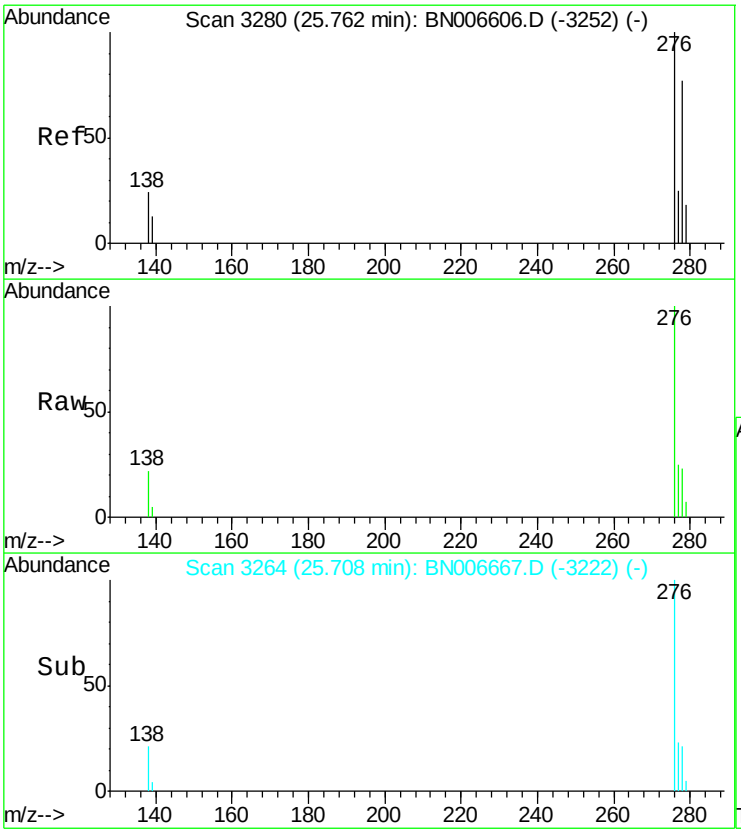
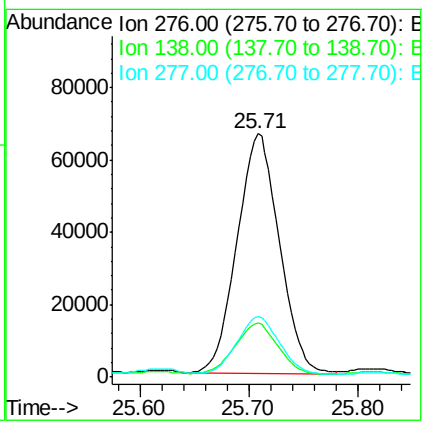
7/2/2019 2:52:38 PM

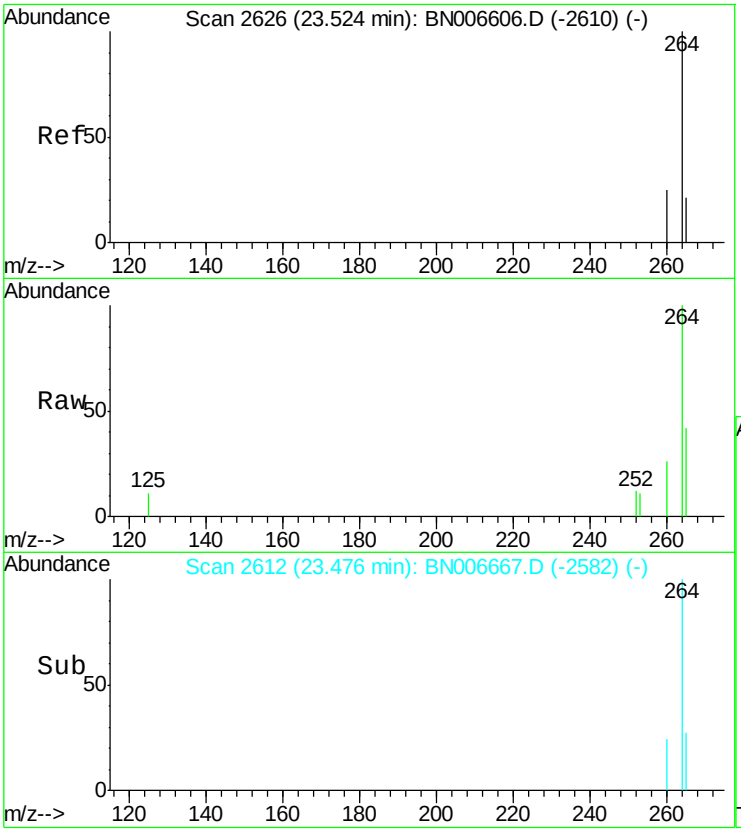


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.483 ng
RT: 25.71 min Scan# 3264
Delta R.T. -0.05 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:276 Resp: 178291

Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.3	28.9
277	24.4	19.9	29.9





#34
Perylene-d12
Concen: 0.400 ng
RT: 23.48 min Scan# 2612
Delta R.T. -0.05 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:264 Resp: 22452

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.2	30.2
265	42.4	23.3	34.9#

Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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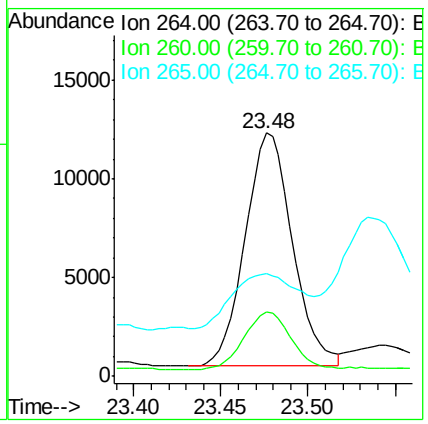
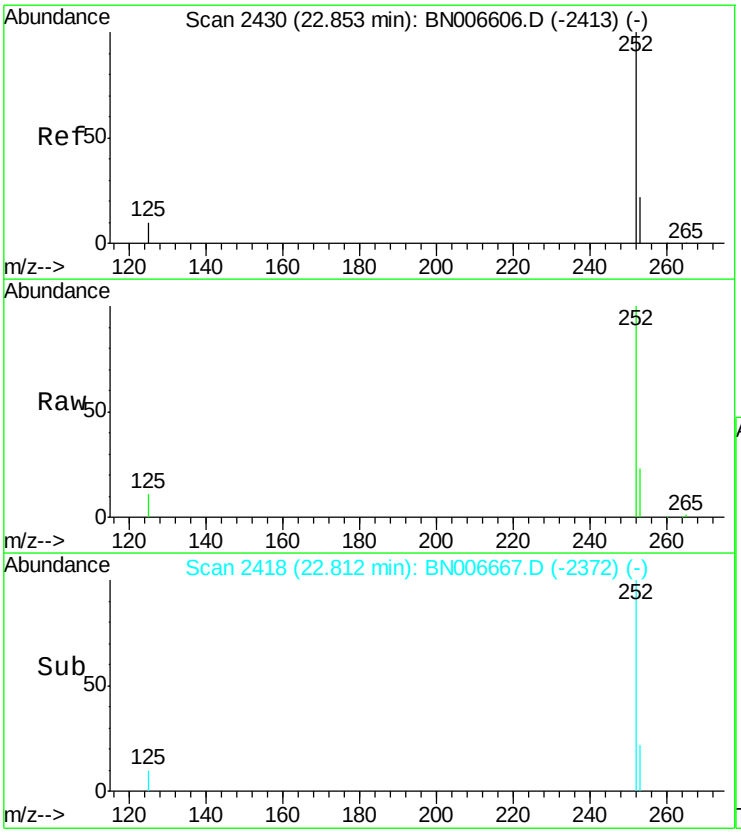
mohammad
7/2/2019 2:52:38 PM

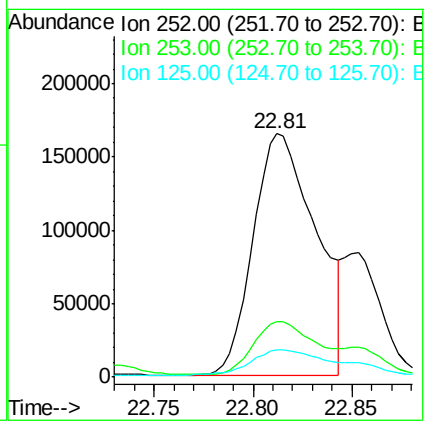


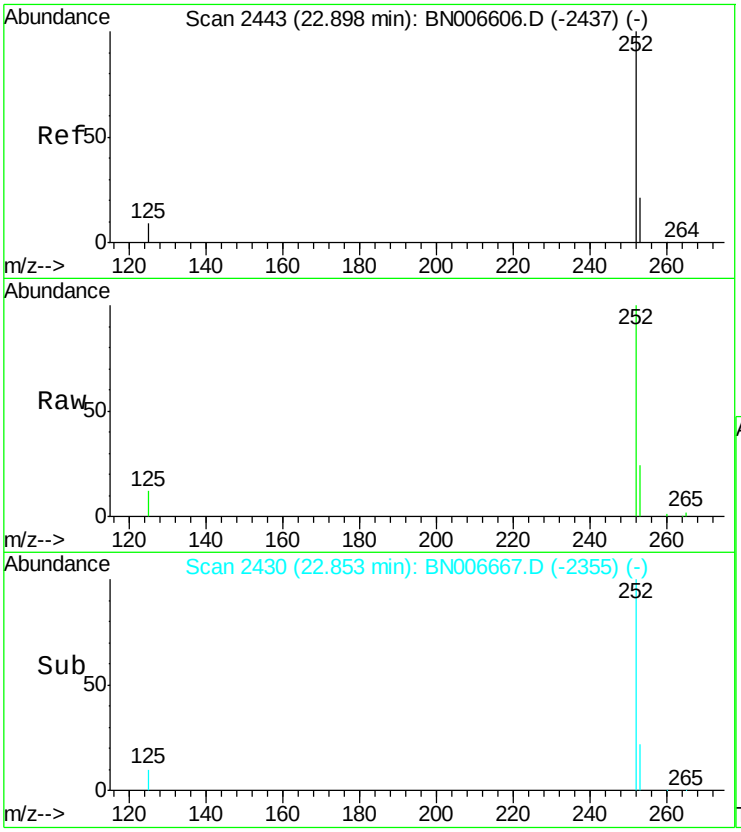


#35
Benzo(b)fluoranthene
Concen: 4.754 ng
RT: 22.81 min Scan# 2418
Delta R.T. -0.04 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:252 Resp: 363069

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	11.2	8.7	13.1

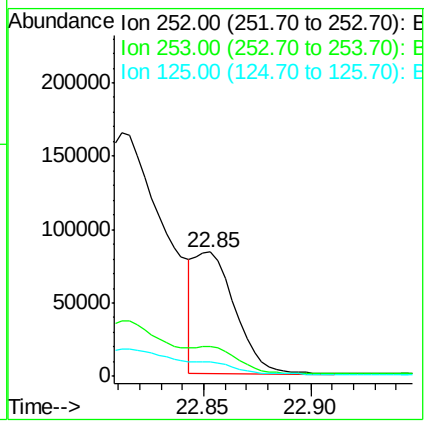




#36
Benzo(k)fluoranthene
Concen: 1.363 ng m
RT: 22.85 min Scan# 2430
Delta R.T. -0.04 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:252 Resp: 110937

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.3	27.5
125	11.8	8.4	12.6



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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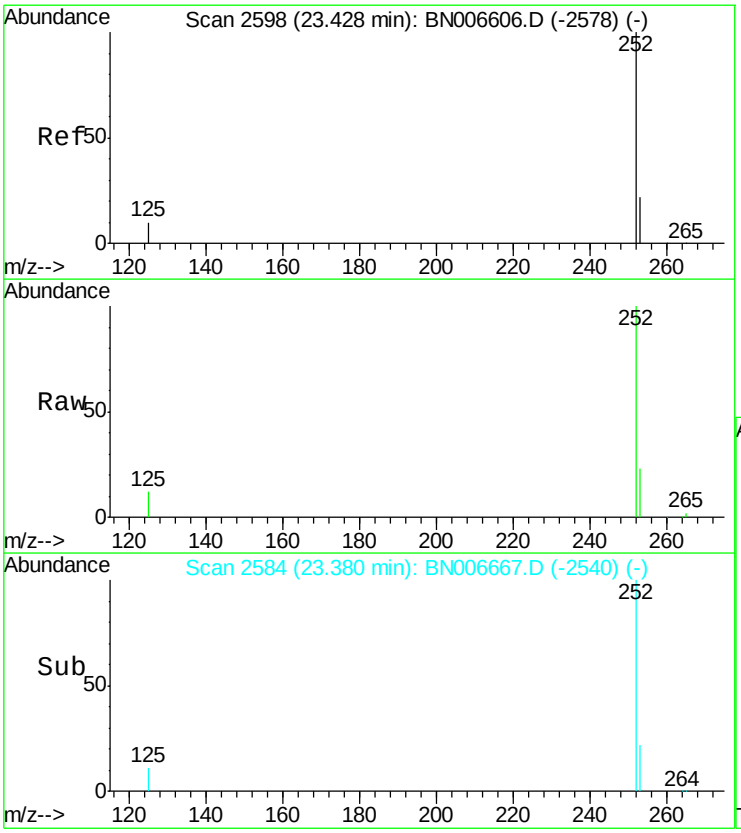
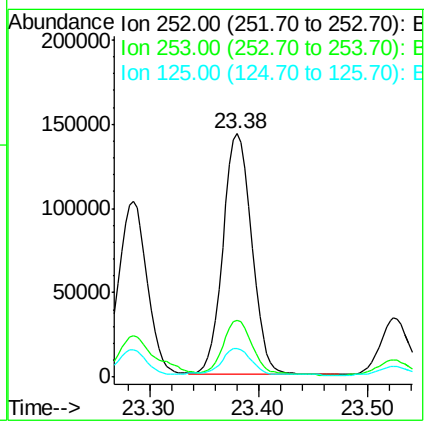
7/2/2019 2:52:38 PM

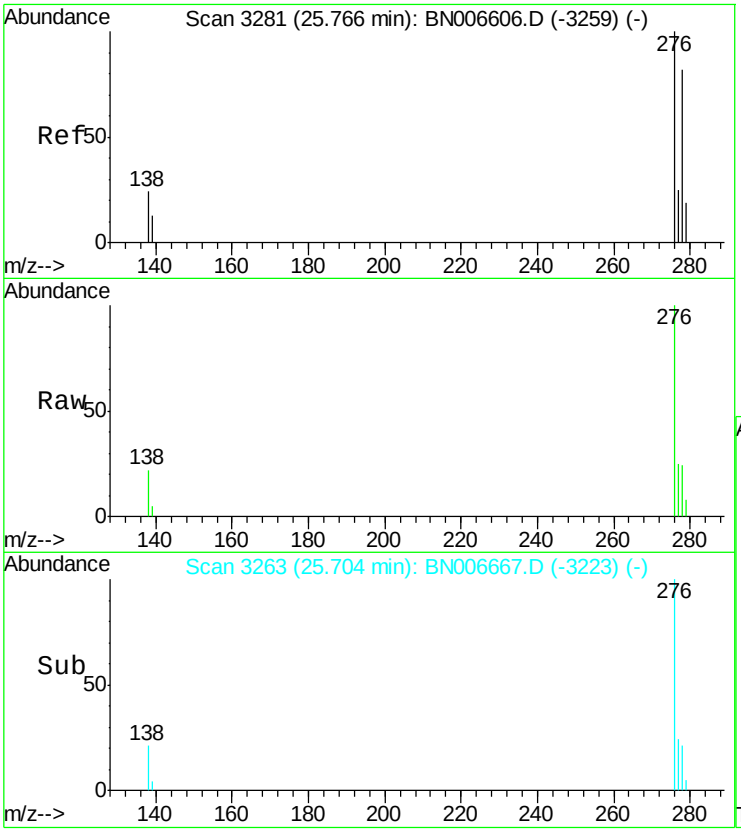


#37
Benzo(a)pyrene
Concen: 3.690 ng
RT: 23.38 min Scan# 2584
Delta R.T. -0.05 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:252 Resp: 263465

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.8	28.2
125	11.8	9.4	14.2

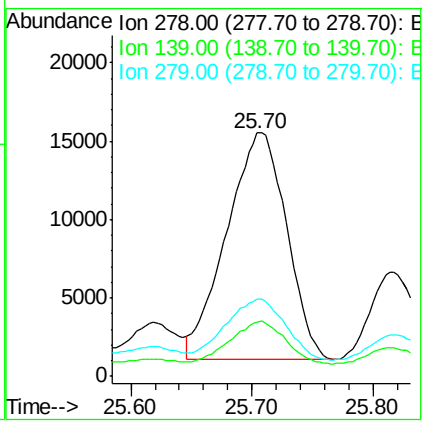




#38
Dibenzo(a,h)anthracene
Concen: 0.801 ng
RT: 25.70 min Scan# 3263
Delta R.T. -0.06 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:278 Resp: 49935

Ion	Ratio	Lower	Upper
278	100		
139	22.2	13.5	20.3#
279	31.6	19.4	29.2#



Instrument :
BNA_N
ClientSampleId :
PST-013-B039-062019

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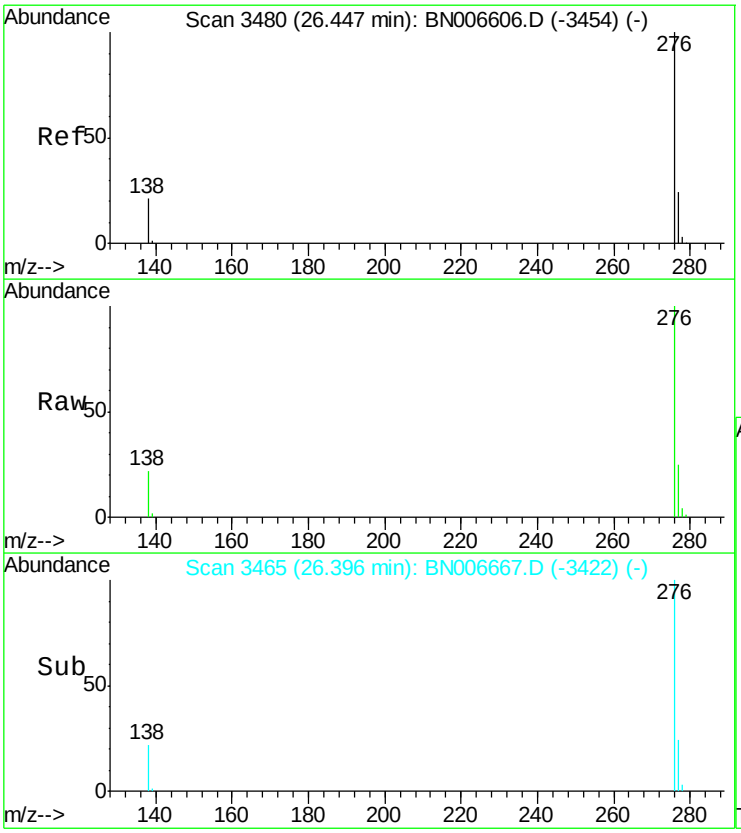
7/2/2019 2:52:38 PM



#39
Benzo(g,h,i)perylene
Concen: 2.943 ng
RT: 26.40 min Scan# 3465
Delta R.T. -0.05 min
Lab File: BN006667.D
Acq: 01 Jul 2019 18:47

Tgt Ion:276 Resp: 183246

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	22.3	17.7	26.5