Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006675.D
Acq On : 02 Jul 2019 01:08
Operator : HP/JU
Sample : K3505-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-013-SW107-062019-1

Quant Time: Jul 02 05:08:28 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	4291	0.40	ng		0.00
7) Naphthalene-d8	10.39	136	17151	0.40	ng		-0.01
13) Acenaphthene-d10	14.27	164	9403	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	20012	0.40	ng		-0.01
27) Chrysene-d12	21.25	240	18440	0.40	ng		-0.02
34) Perylene-d12	23.47	264	21337	0.40	ng		-0.05
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	2511	0.24	ng		0.00
5) Phenol-d6	6.82	99	3484	0.25	ng		0.00
8) Nitrobenzene-d5	8.79	82	2340	0.20	ng		0.00
11) 2-Methylnaphthalene-d10	11.99	152	5786	0.21	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1296	0.29	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	7753	0.22	ng		-0.01
25) Fluoranthene-d10	19.07	212	11190	0.19	ng		-0.01
29) Terphenyl-d14	19.67	244	8785	0.23	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.44	128	4400	0.098	ng	#	92
12) 2-Methylnaphthalene	12.07	142	2539	0.082	ng	#	94
16) Acenaphthylene	13.99	152	47490	1.059	ng		100
17) Acenaphthene	14.33	154	5592	0.189	ng		98
18) Fluorene	15.32	166	11158	0.299	ng	#	87
22) Pentachlorophenol	16.72	266	52	0.208	ng	#	81
23) Phenanthrene	17.07	178	221761	3.897	ng		100
24) Anthracene	17.16	178	73862	1.496	ng		99
26) Fluoranthene	19.10	202	586932	8.487	ng		99
28) Pyrene	19.46	202	539095	8.355	ng	#	96
30) Benzo(a)anthracene	21.23	228	318478	5.283	ng		97
31) Chrysene	21.28	228	305702	4.704	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	602785	19.865	ng		99
33) Indeno(1,2,3-cd)pyrene	25.71	276	181550	2.760	ng		97
35) Benzo(b)fluoranthene	22.81	252	386864	5.330	ng		100
36) Benzo(k)fluoranthene	22.81	252	386864	5.000	ng		100
37) Benzo(a)pyrene	23.38	252	272206	4.012	ng		100
38) Dibenzo(a,h)anthracene	25.70	278	51388	0.867	ng	#	86
39) Benzo(g,h,i)perylene	26.39	276	178642	3.019	ng		99

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

Quantitation Report (Not Reviewed)

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QLast Update : Fri Jun 28 13:47:56 2019
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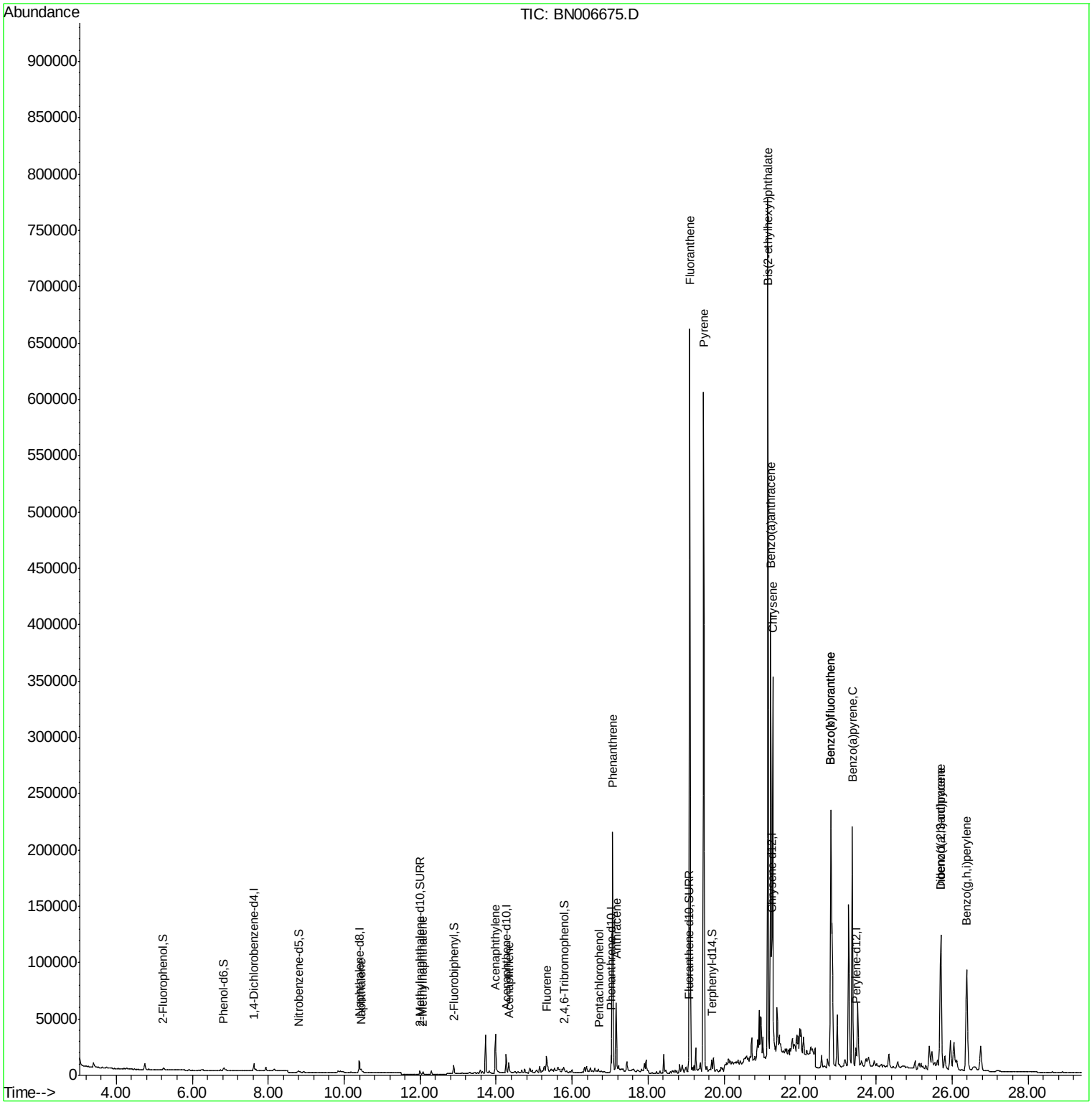
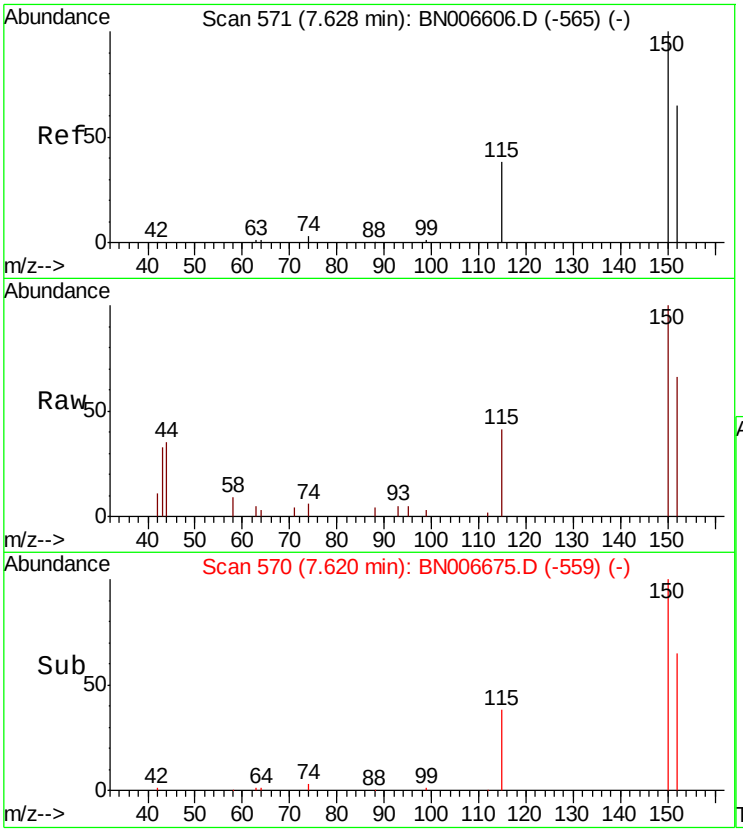


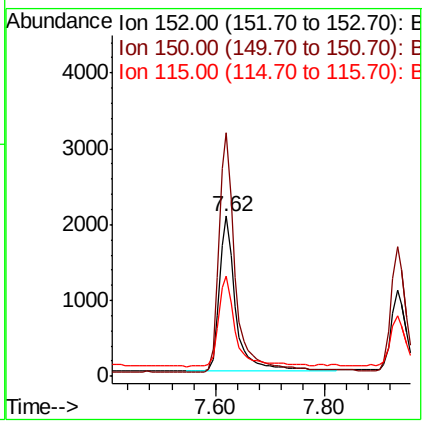


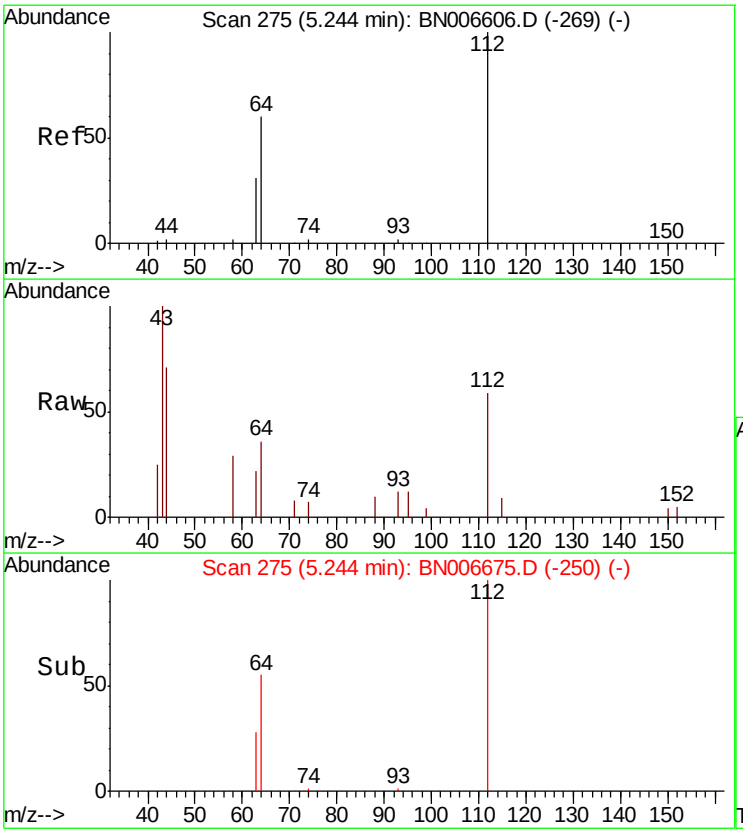
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:152 Resp: 4291

Ion	Ratio	Lower	Upper
152	100		
150	152.3	122.2	183.2
115	62.9	50.0	75.0

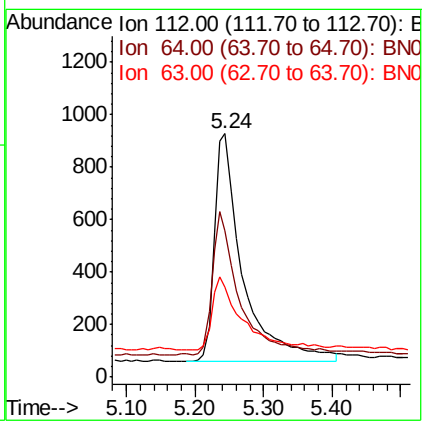


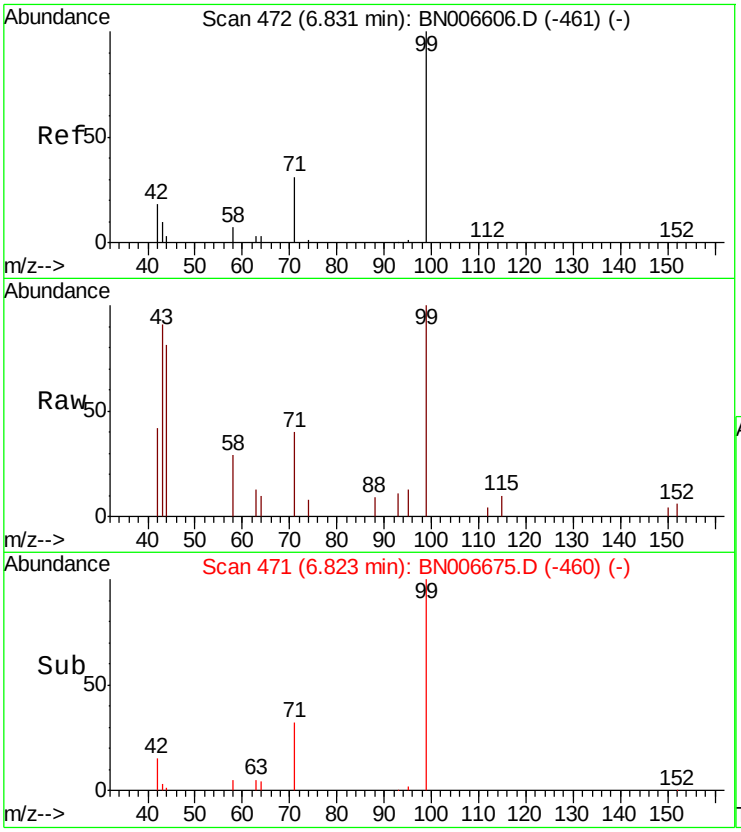


#4
2-Fluorophenol
Concen: 0.239 ng
RT: 5.24 min Scan# 275
Delta R.T. 0.00 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:112 Resp: 2511

Ion	Ratio	Lower	Upper
112	100		
64	60.4	48.9	73.3
63	33.2	24.3	36.5



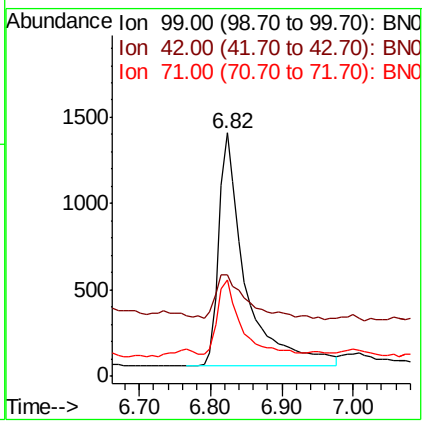


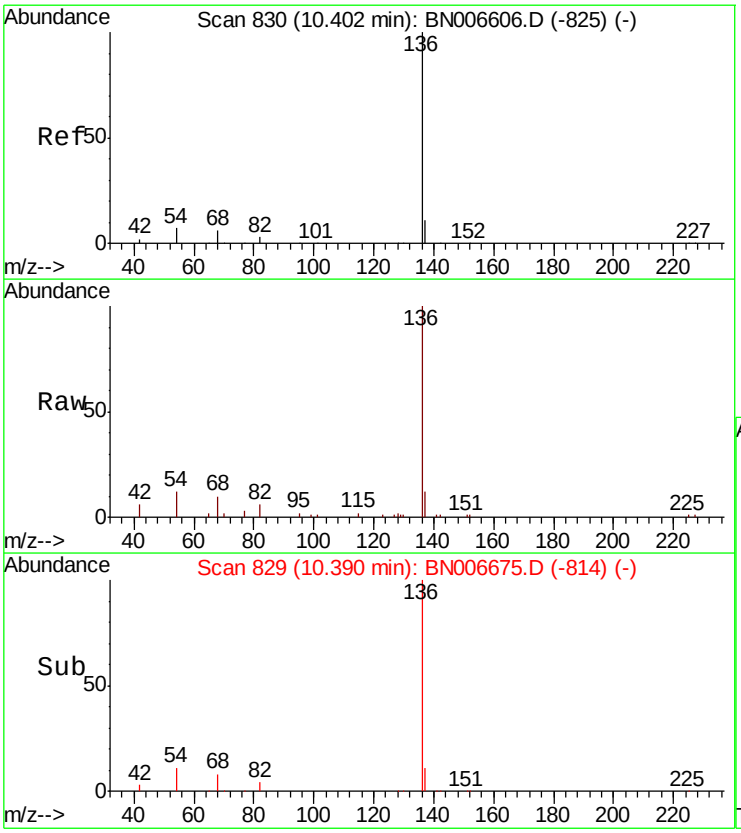
#5
Phenol-d6
Concen: 0.250 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion: 99 Resp: 3484

Ion	Ratio	Lower	Upper
99	100		
42	22.6	16.4	24.6
71	27.8	26.6	40.0

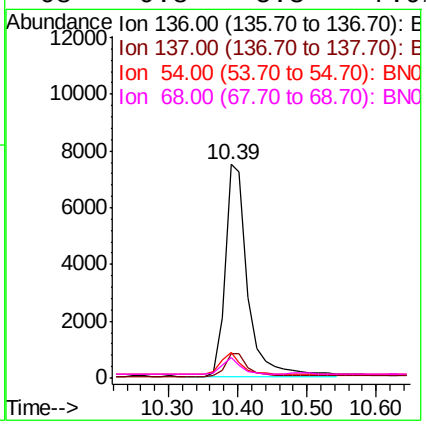


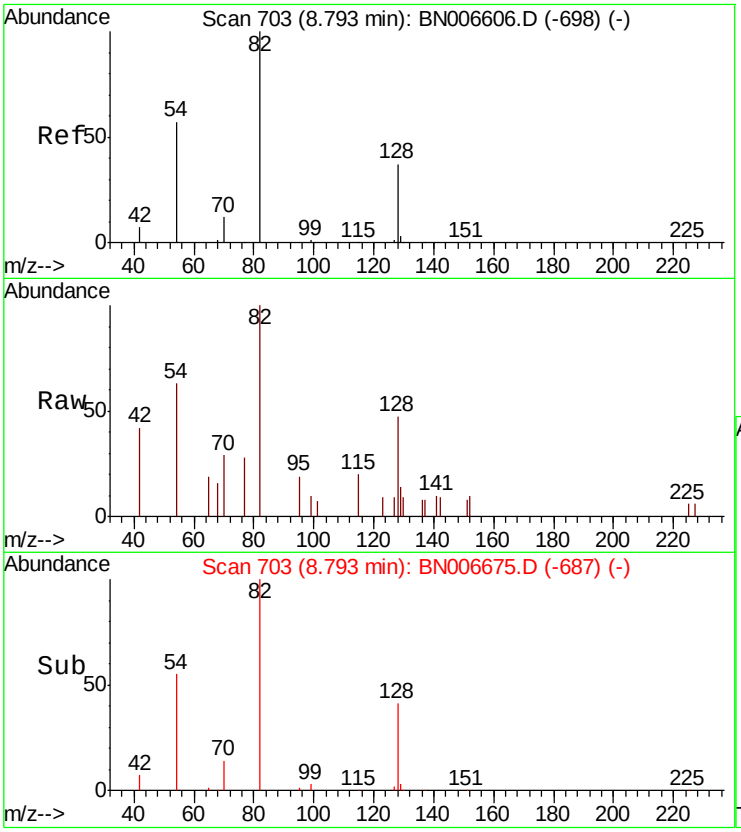


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.39 min Scan# 829
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:136 Resp: 17151

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	12.3	6.7	10.1#
68	9.8	5.3	7.9#



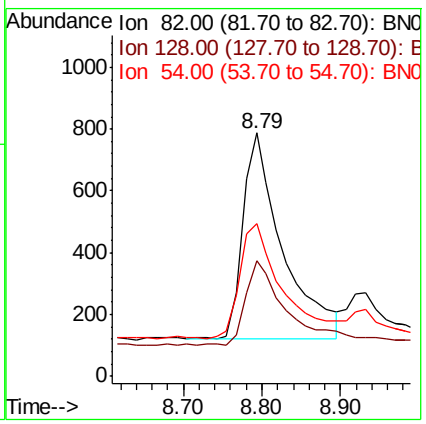


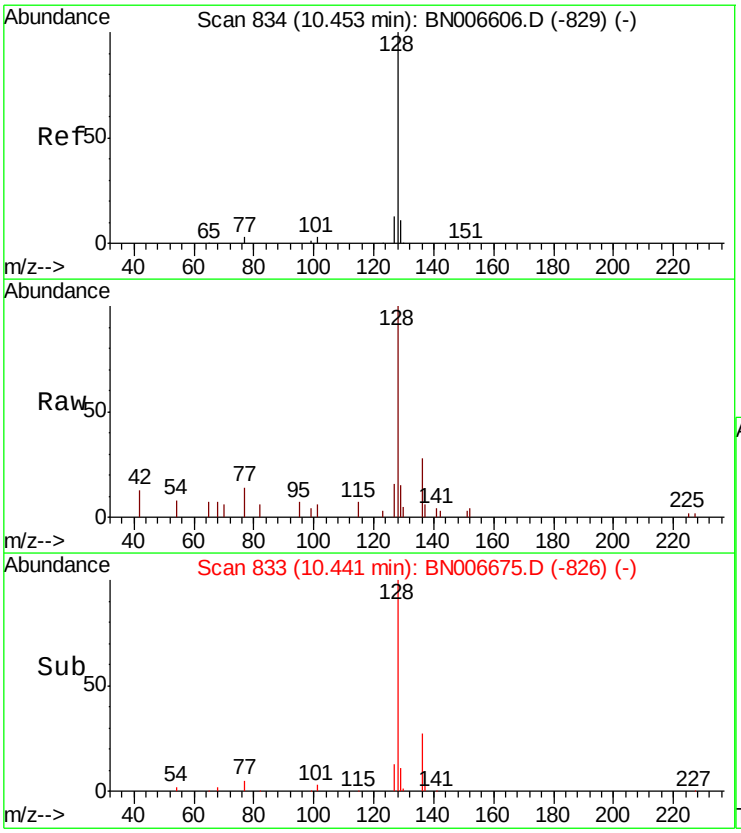
#8
Nitrobenzene-d5
Concen: 0.203 ng
RT: 8.79 min Scan# 703
Delta R.T. 0.00 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion: 82 Resp: 2340

Ion	Ratio	Lower	Upper
82	100		
128	47.3	32.6	49.0
54	62.6	48.2	72.4

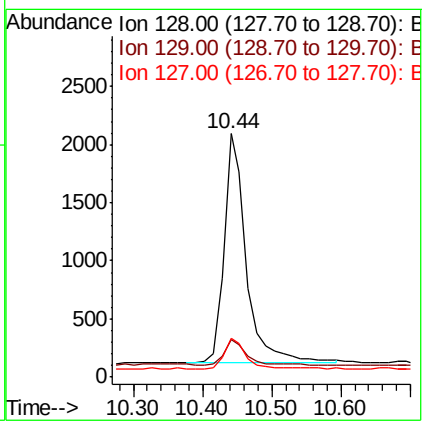


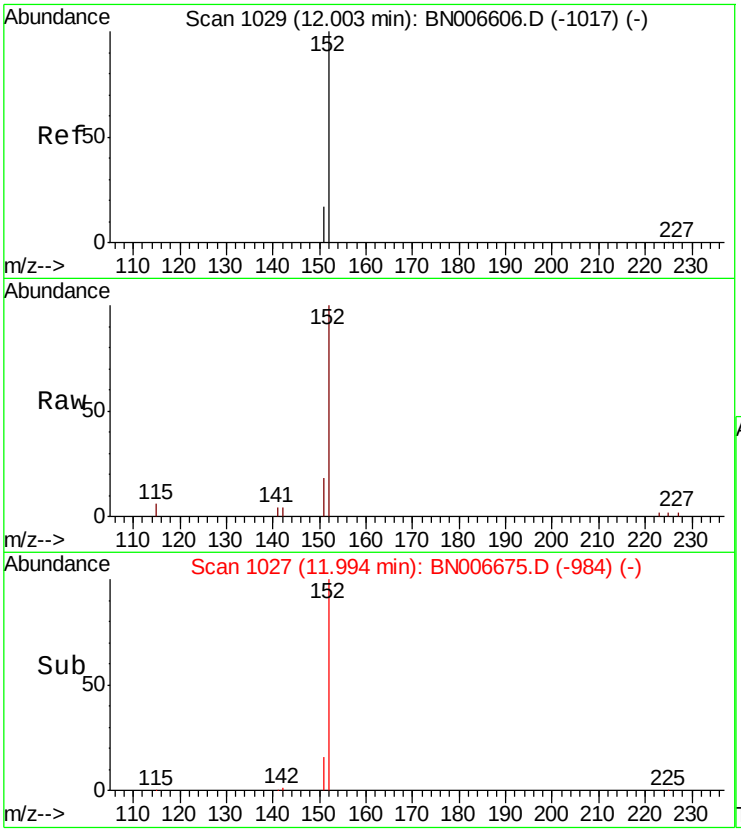


#9
Naphthalene
Concen: 0.098 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:128 Resp: 4400

Ion	Ratio	Lower	Upper
128	100		
129	15.4	9.3	13.9#
127	15.8	10.8	16.2



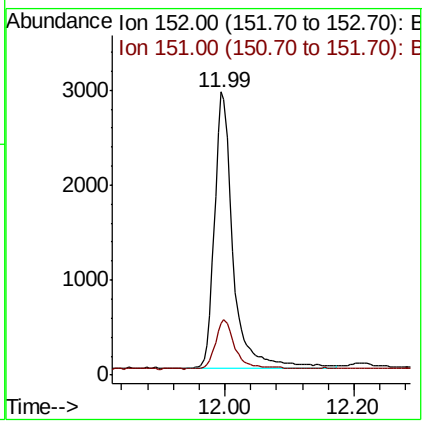


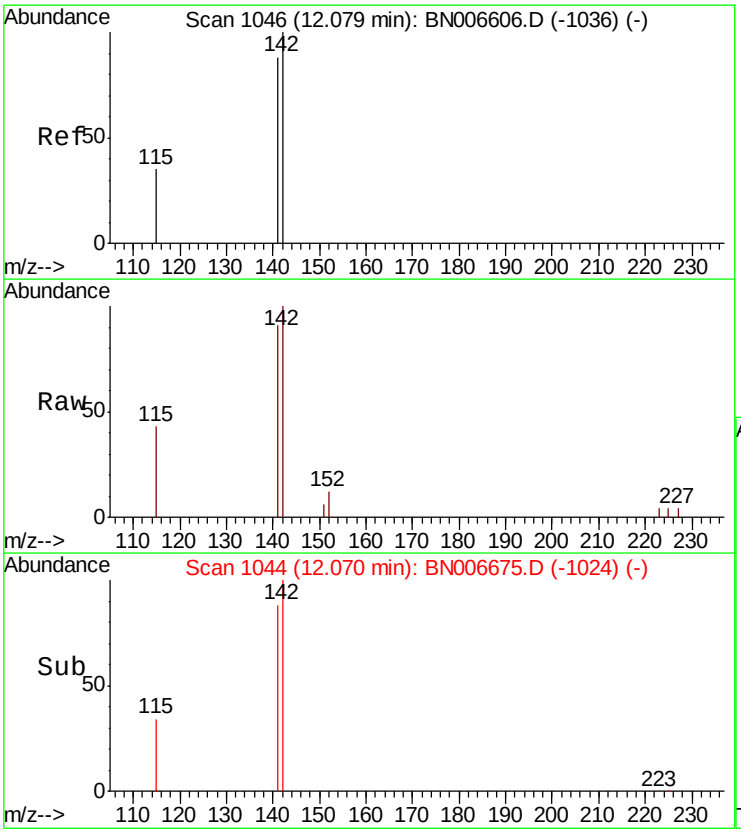
#11
2-Methylnaphthalene-d10
Concen: 0.214 ng
RT: 11.99 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:152 Resp: 5786

Ion	Ratio	Lower	Upper
152	100		
151	19.0	15.0	22.4

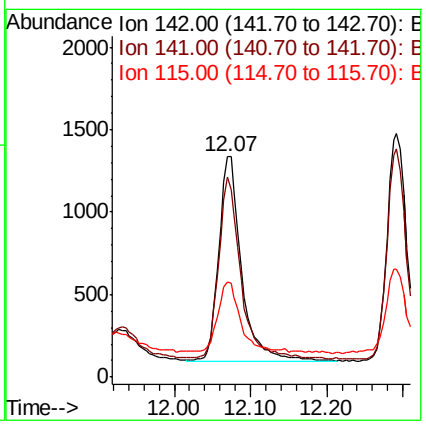


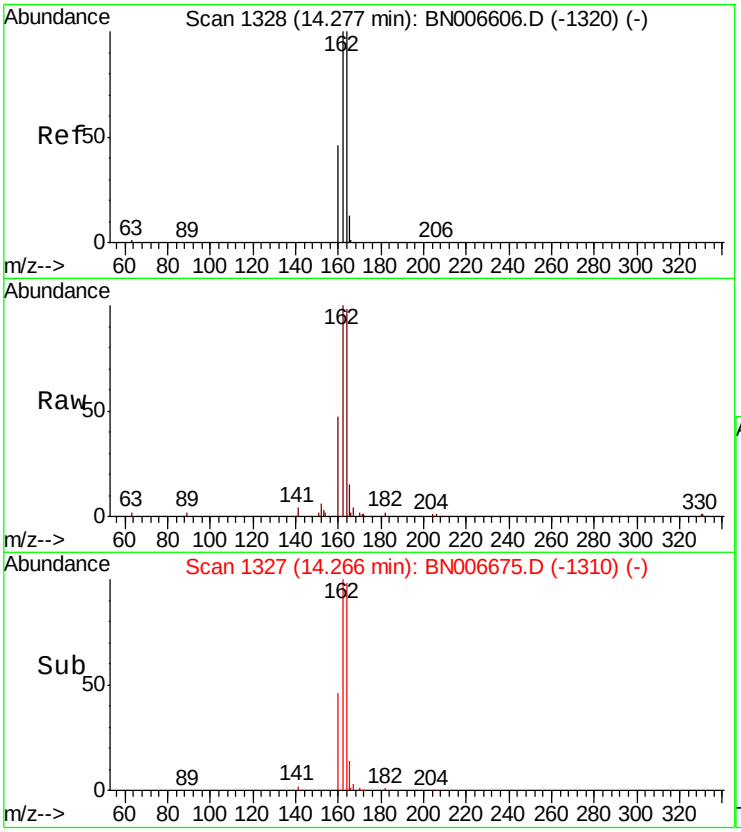


#12
2-Methylnaphthalene
Concen: 0.082 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:142 Resp: 2539

Ion	Ratio	Lower	Upper
142	100		
141	90.9	70.2	105.4
115	42.9	28.5	42.7#



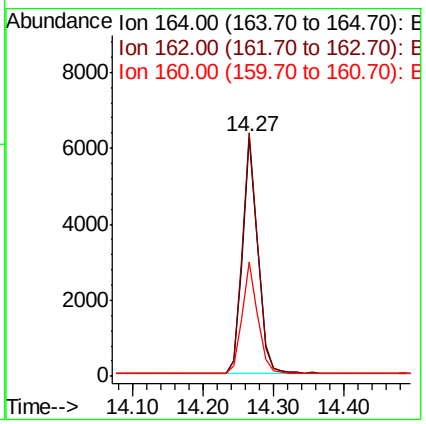


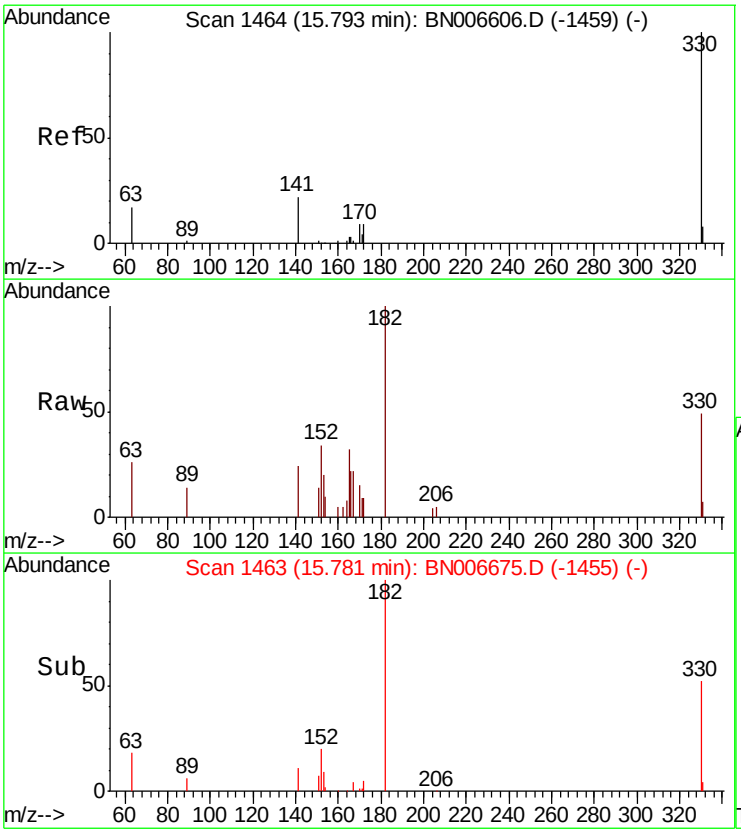
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:164 Resp: 9403

Ion	Ratio	Lower	Upper
164	100		
162	102.0	80.0	120.0
160	47.6	37.0	55.4

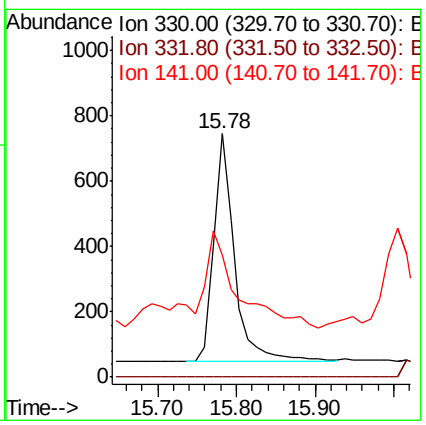


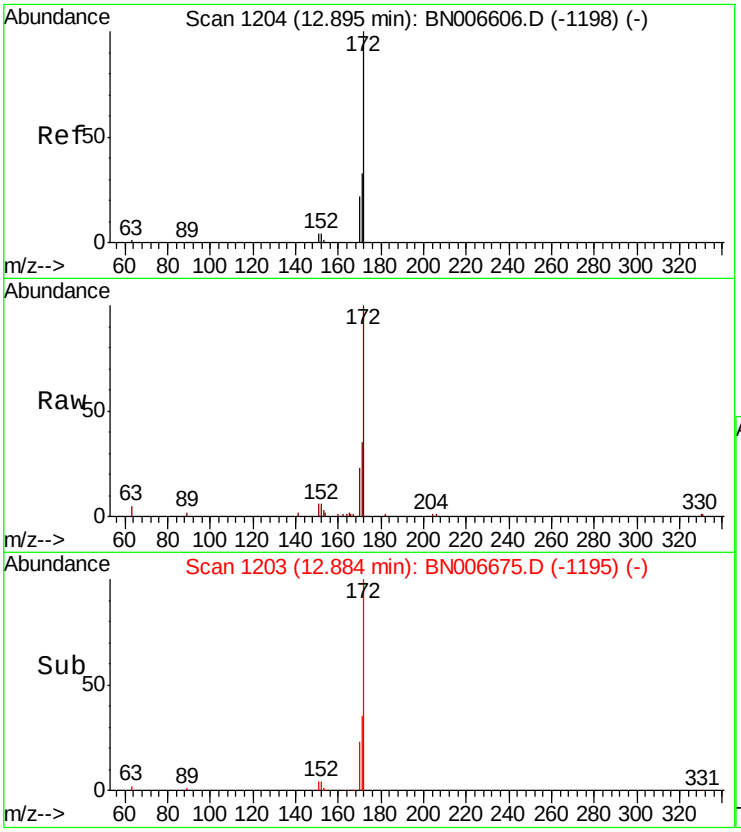


#14
2,4,6-Tribromophenol
Concen: 0.293 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:330 Resp: 1296

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	62.3	26.5	39.7#



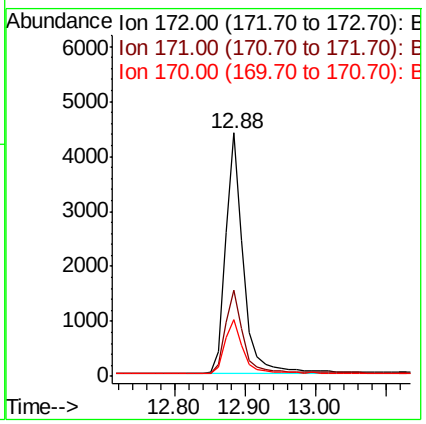


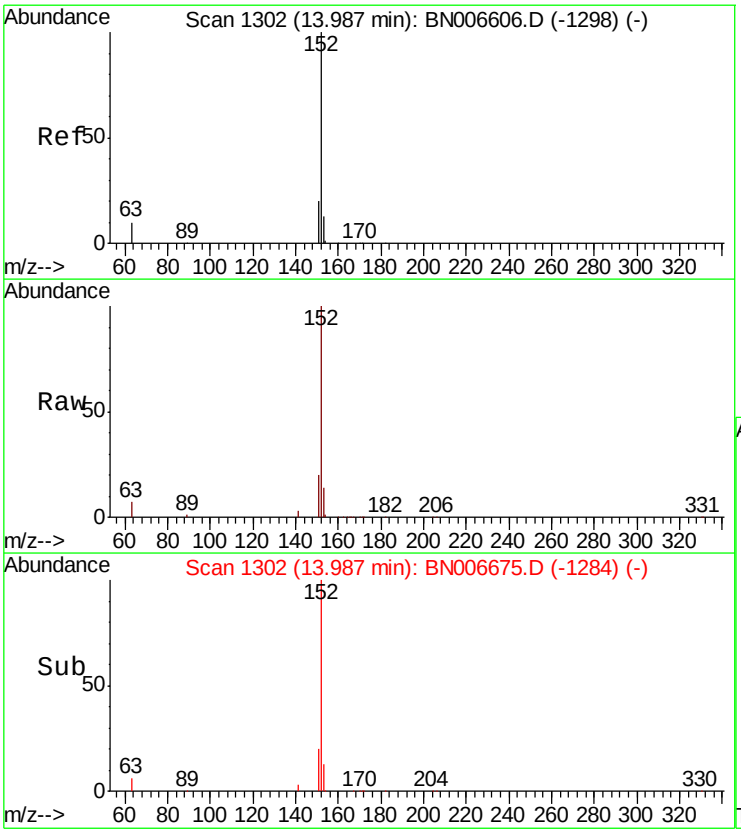
#15
2-Fluorobiphenyl
Concen: 0.223 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:172 Resp: 7753

Ion	Ratio	Lower	Upper
172	100		
171	35.4	27.0	40.4
170	23.5	17.7	26.5

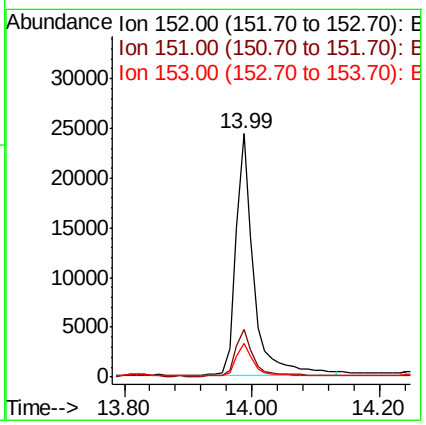


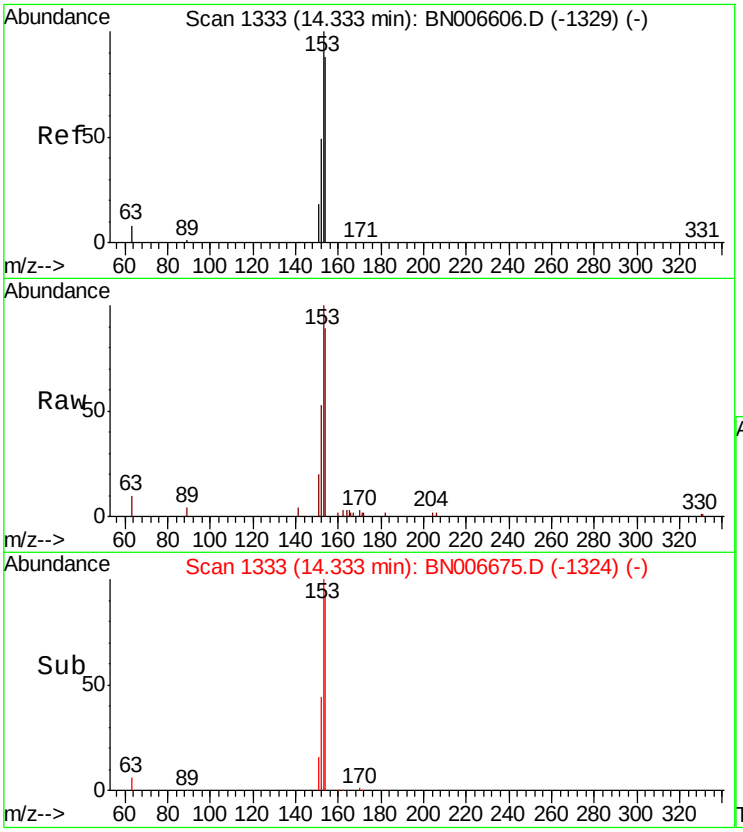


#16
Acenaphthylene
Concen: 1.059 ng
RT: 13.99 min Scan# 1302
Delta R.T. 0.00 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:152 Resp: 47490

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.6	23.4
153	13.2	10.5	15.7



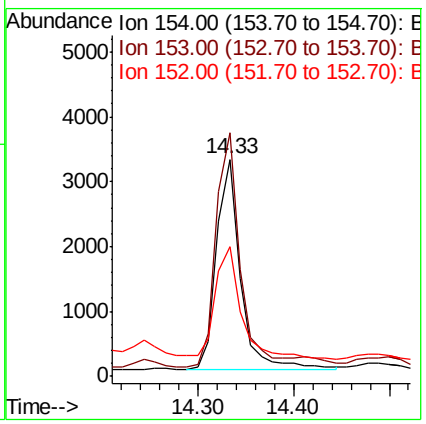


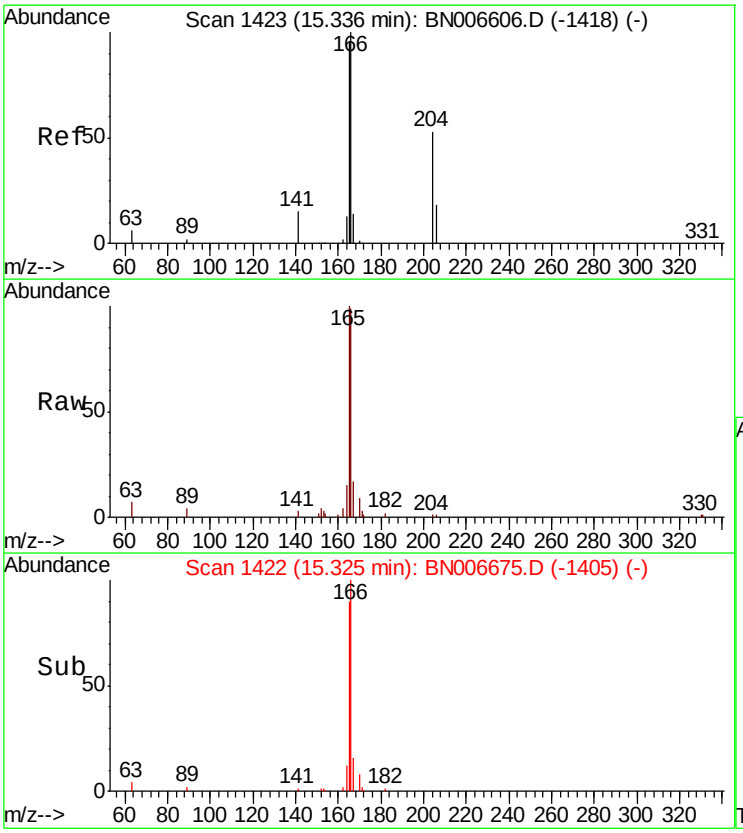
#17
Acenaphthene
Concen: 0.189 ng
RT: 14.33 min Scan# 1333
Delta R.T. 0.00 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:154 Resp: 5592

Ion	Ratio	Lower	Upper
154	100		
153	112.9	90.2	135.4
152	59.2	44.2	66.4

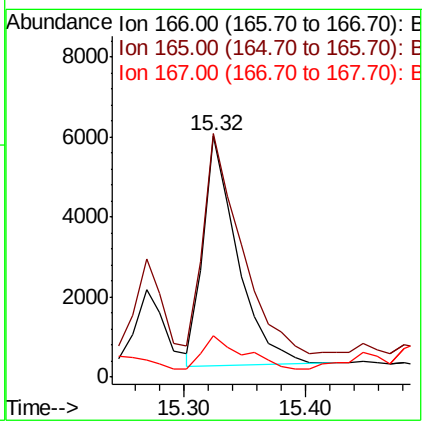


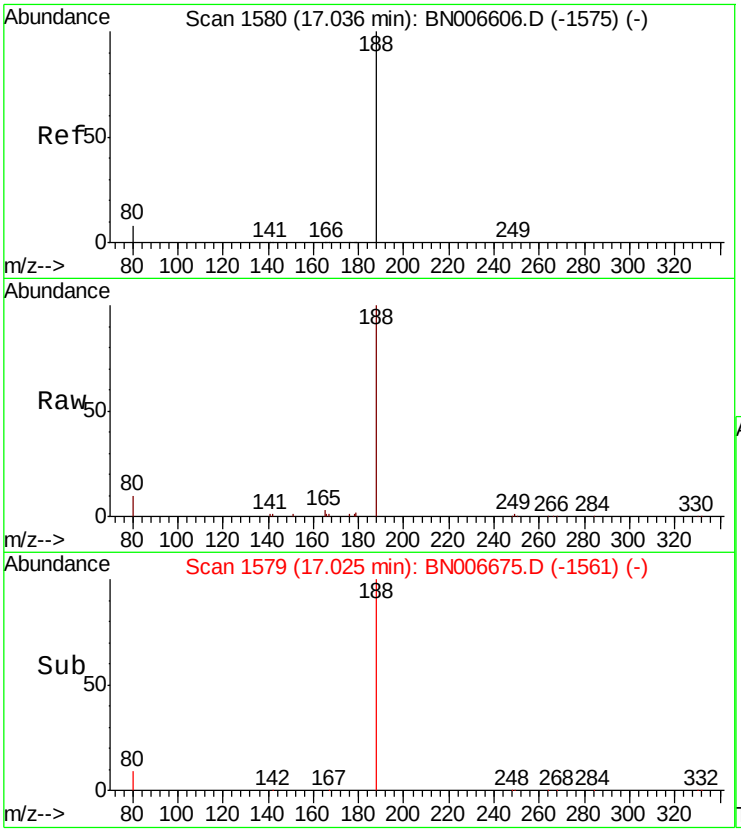


#18
Fluorene
Concen: 0.299 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:166 Resp: 11158

Ion	Ratio	Lower	Upper
166	100		
165	111.5	78.4	117.6
167	17.6	10.8	16.2#



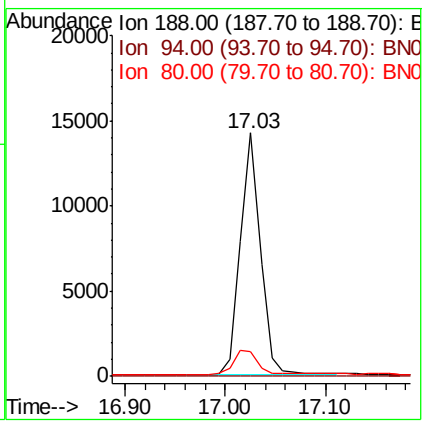


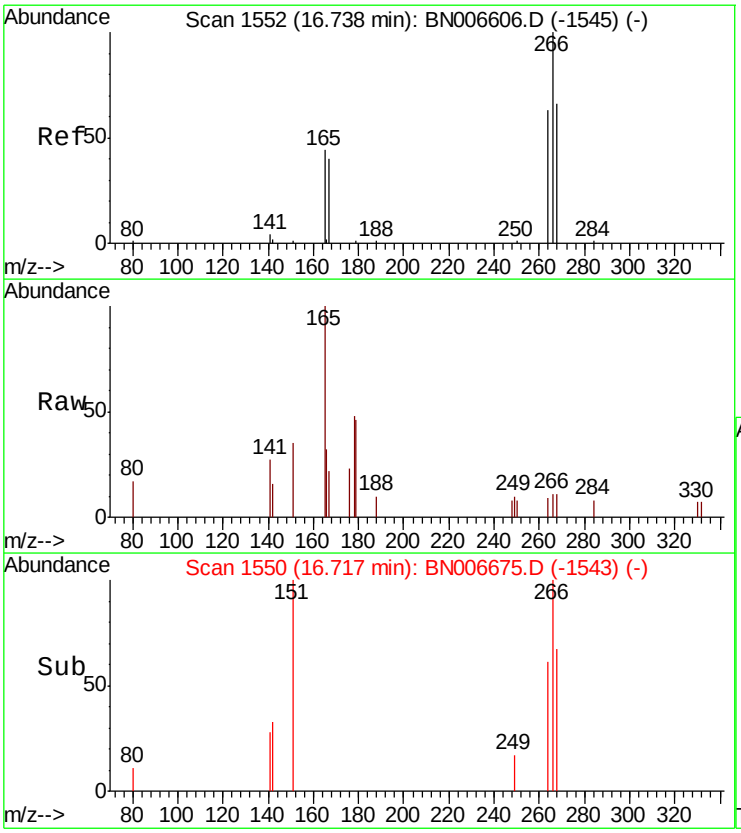
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:188 Resp: 20012

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

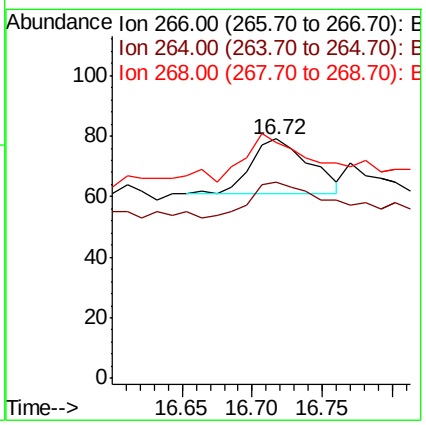


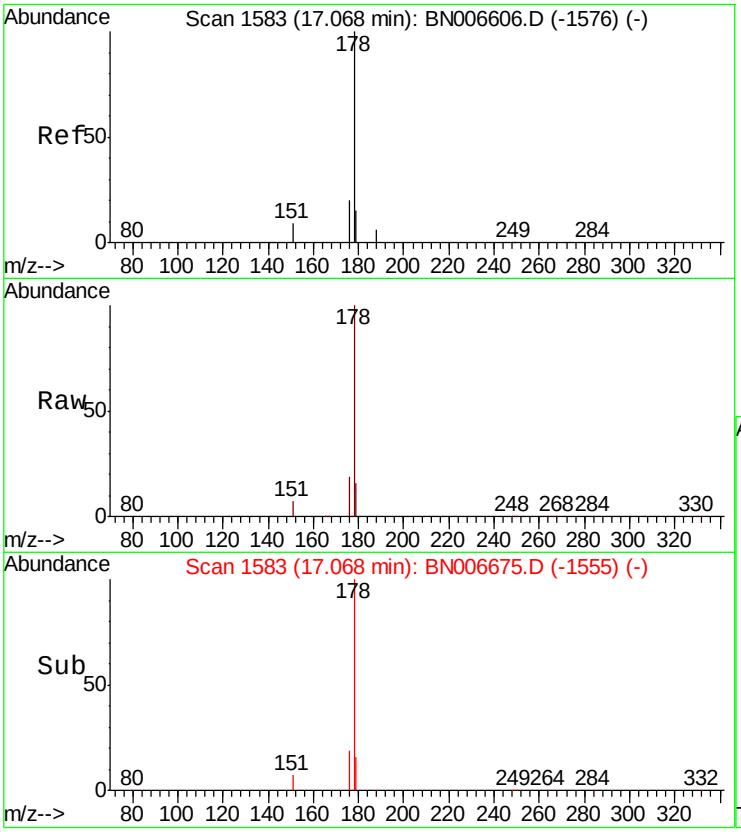


#22
Pentachlorophenol
Concen: 0.208 ng
RT: 16.72 min Scan# 1550
Delta R.T. -0.02 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:266 Resp: 52

Ion	Ratio	Lower	Upper
266	100		
264	82.3	56.2	84.4
268	98.7	63.0	94.4#



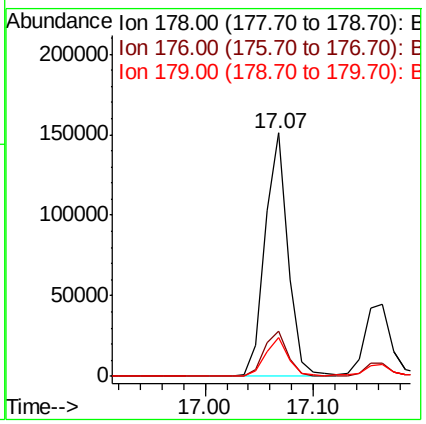


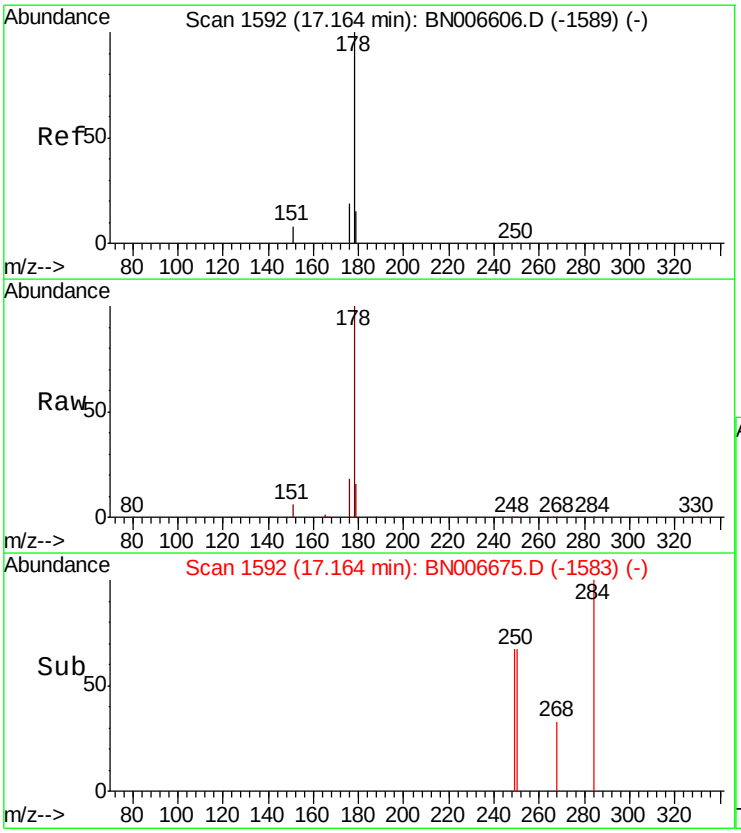
#23
Phenanthrene
Concen: 3.897 ng
RT: 17.07 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:178 Resp: 221761

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.6	12.2	18.4

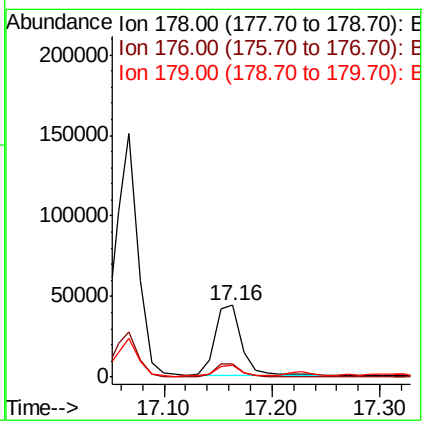


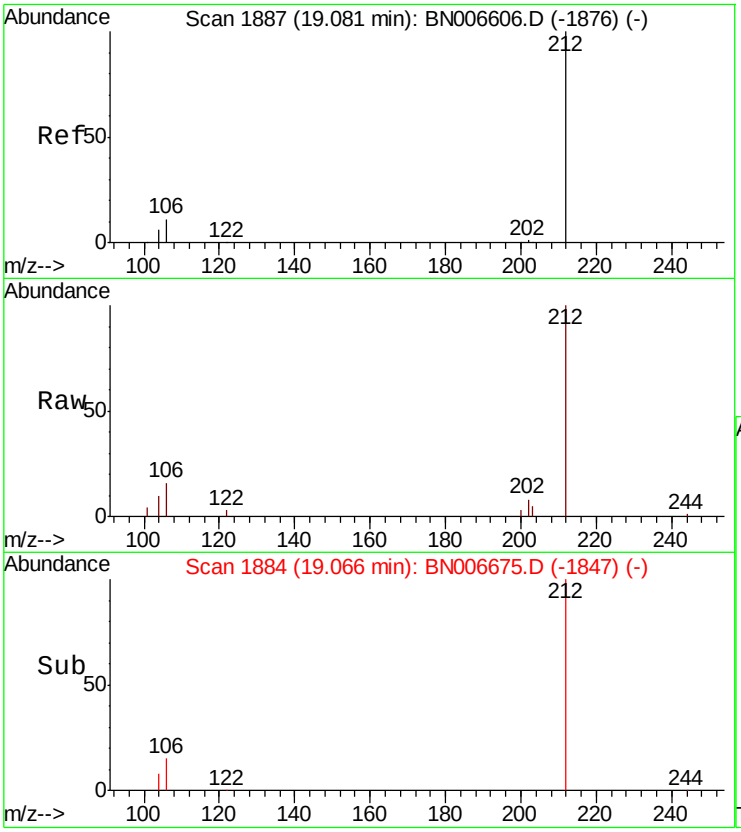


#24
Anthracene
Concen: 1.496 ng
RT: 17.16 min Scan# 1592
Delta R.T. 0.00 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:178 Resp: 73862

Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.0	22.4
179	15.0	12.2	18.2



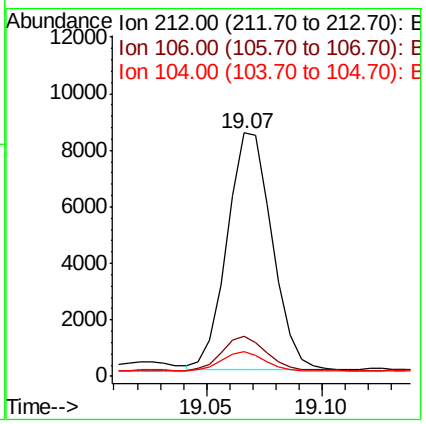


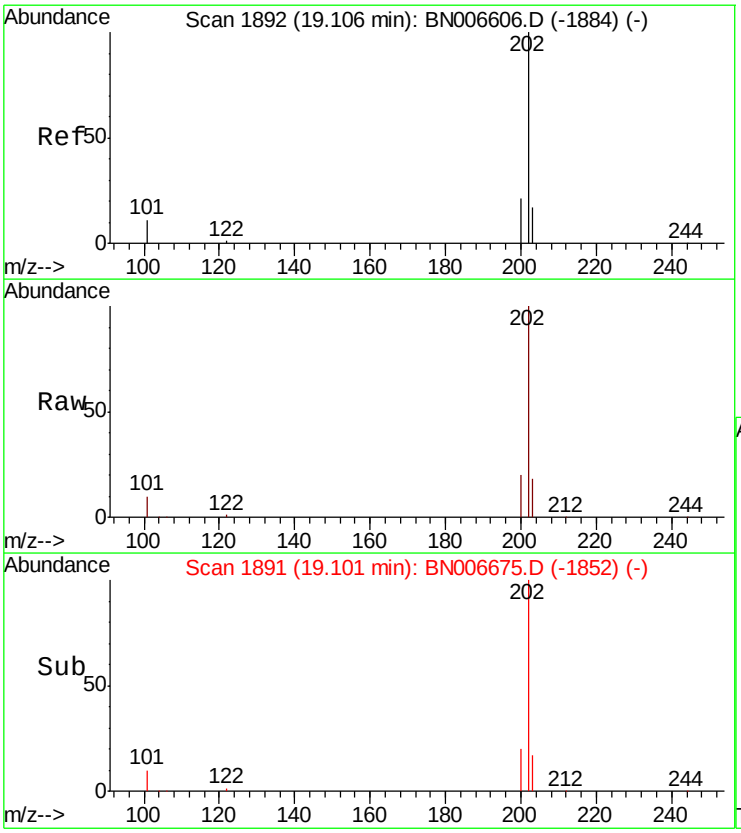
#25
Fluoranthene-d10
Concen: 0.190 ng
RT: 19.07 min Scan# 1884
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:212 Resp: 11190

Ion	Ratio	Lower	Upper
212	100		
106	14.6	10.6	15.8
104	8.3	5.8	8.6

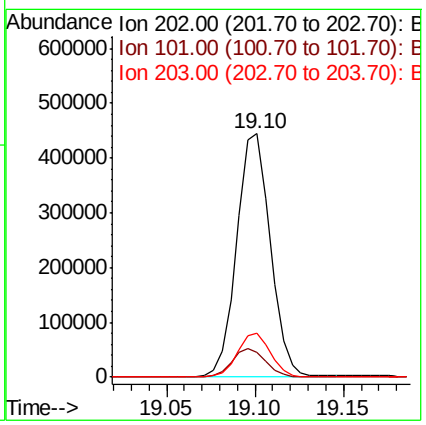


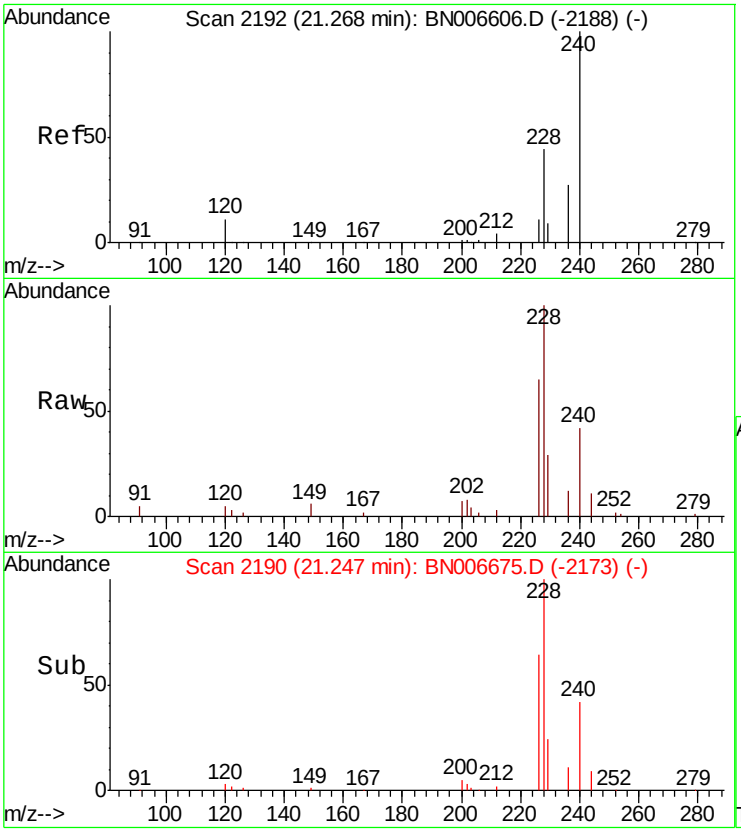


#26
Fluoranthene
Concen: 8.487 ng
RT: 19.10 min Scan# 1891
Delta R.T. -0.00 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:202 Resp: 586932

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.9	13.3
203	17.7	13.6	20.4



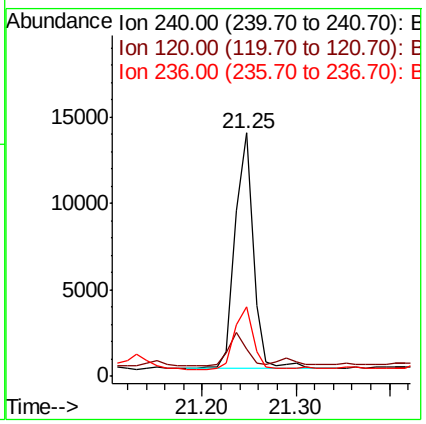


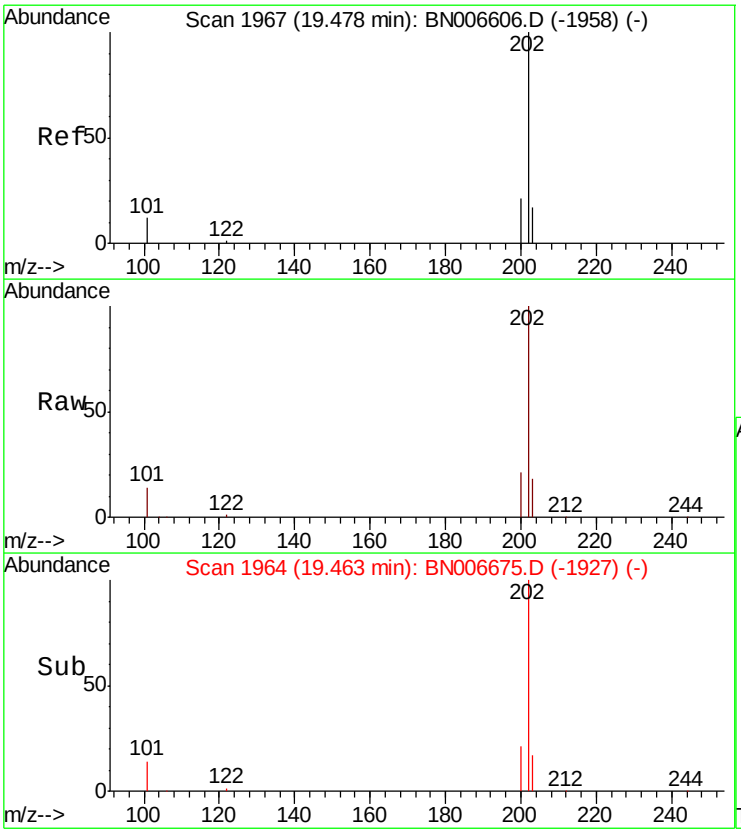
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 2190
Delta R.T. -0.02 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:240 Resp: 18440

Ion	Ratio	Lower	Upper
240	100		
120	11.1	9.9	14.9
236	28.7	22.2	33.4

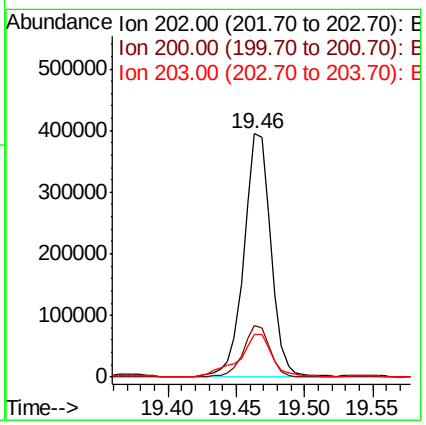


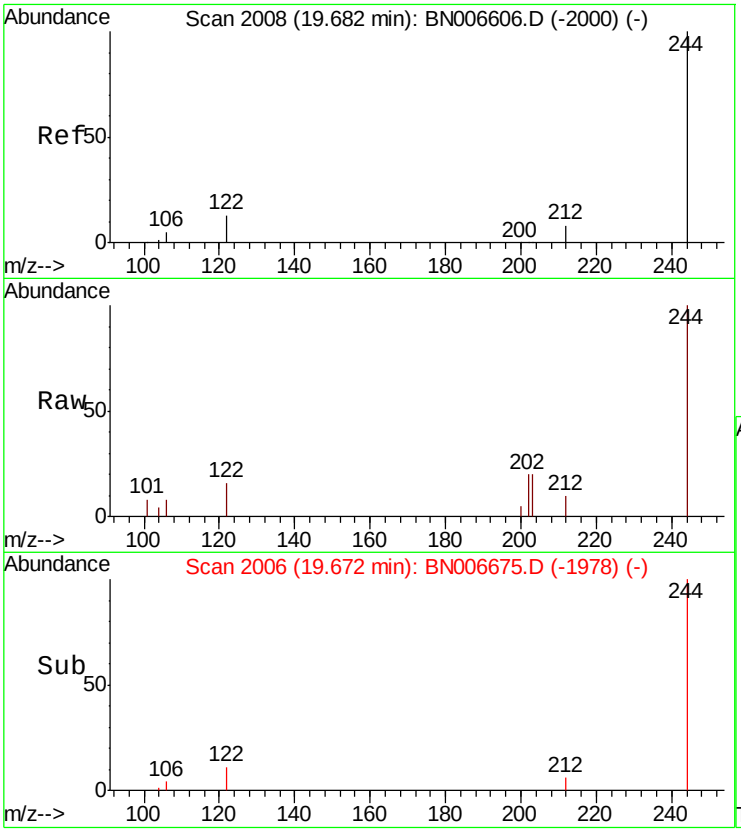


#28
Pyrene
Concen: 8.355 ng
RT: 19.46 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:202 Resp: 539095

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	21.4	14.1	21.1#



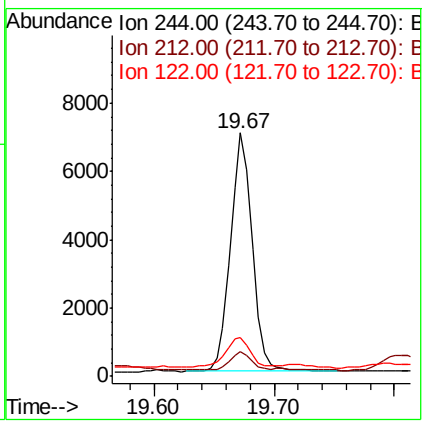


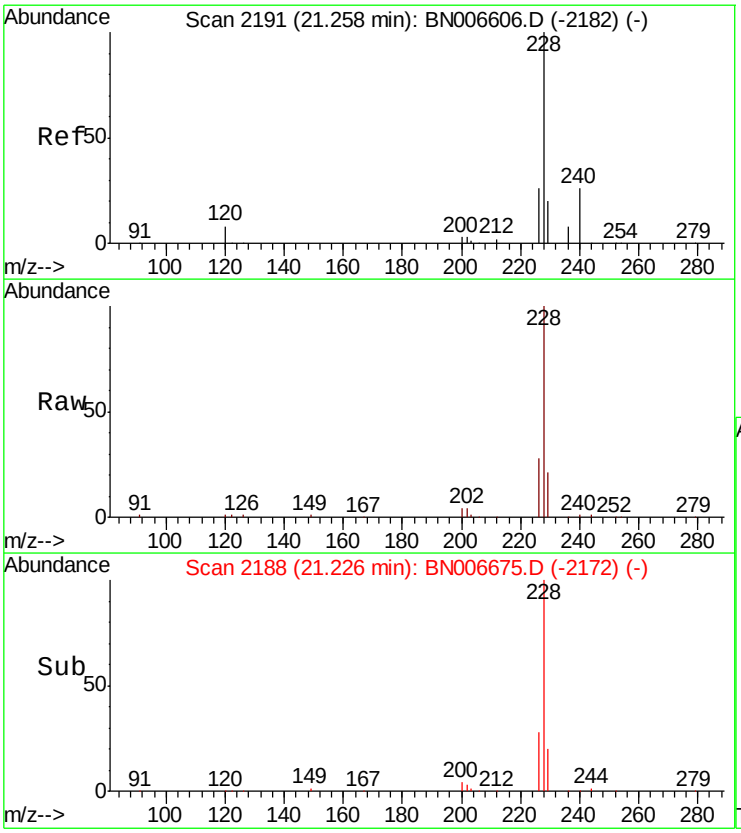
#29
Terphenyl-d14
Concen: 0.227 ng
RT: 19.67 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:244 Resp: 8785

Ion	Ratio	Lower	Upper
244	100		
212	10.0	6.7	10.1
122	16.0	11.0	16.6

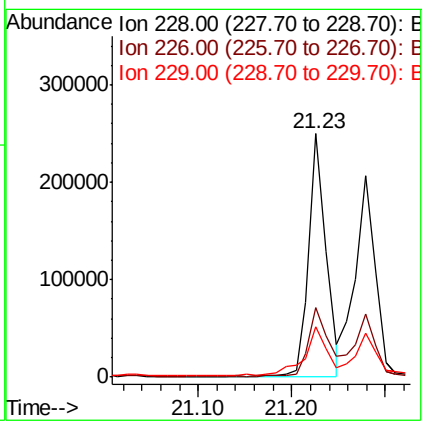


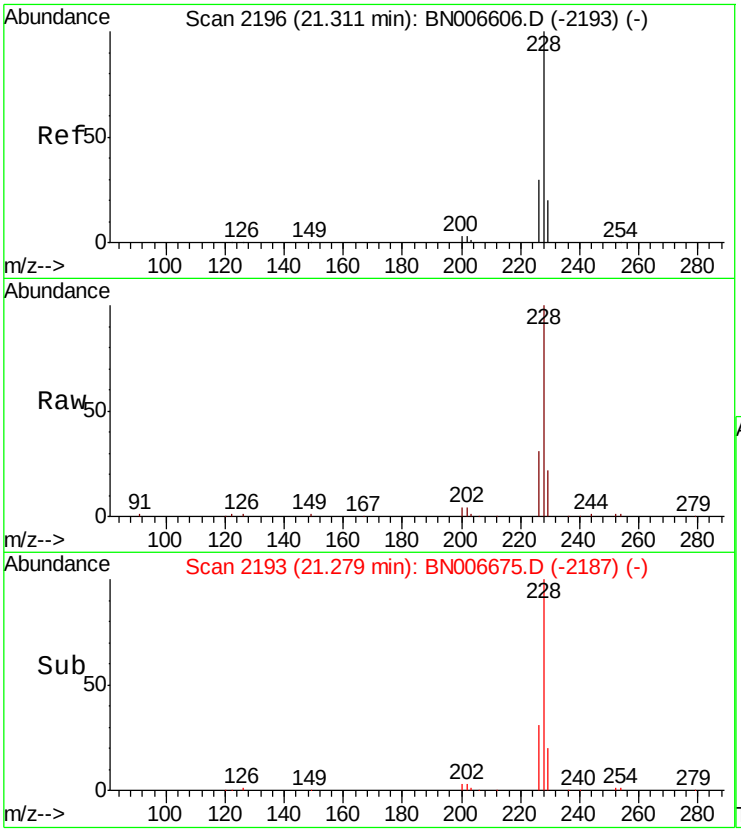


#30
Benzo(a)anthracene
Concen: 5.283 ng
RT: 21.23 min Scan# 2188
Delta R.T. -0.03 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:228 Resp: 318478

Ion	Ratio	Lower	Upper
228	100		
226	28.4	21.2	31.8
229	20.6	16.1	24.1



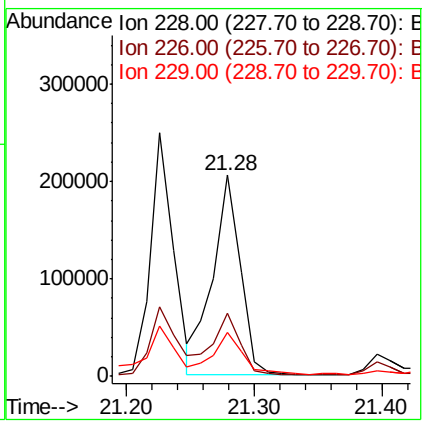


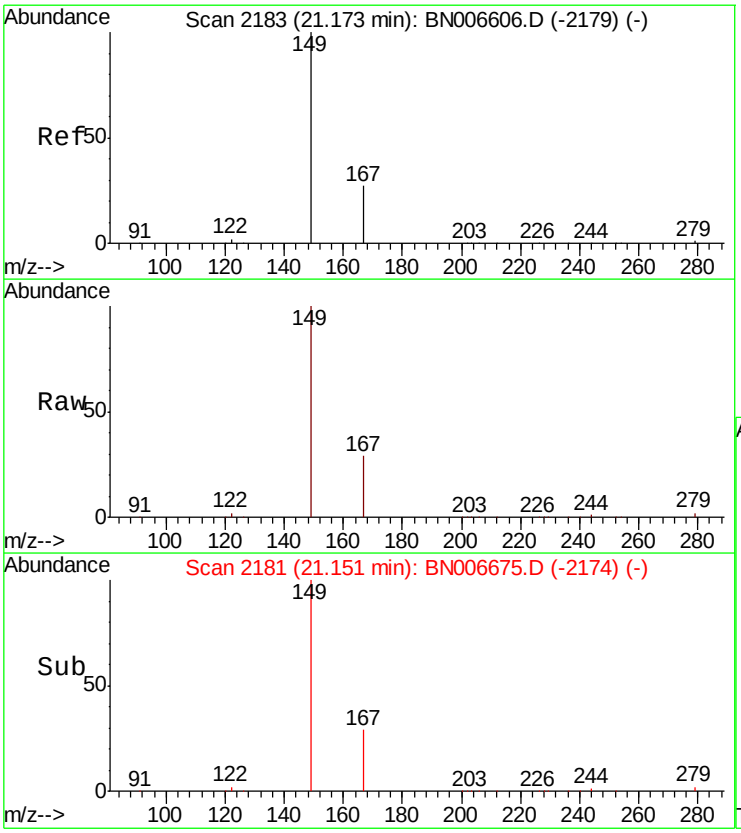
#31
Chrysene
Concen: 4.704 ng
RT: 21.28 min Scan# 2193
Delta R.T. -0.03 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:228 Resp: 305702

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	21.8	15.9	23.9

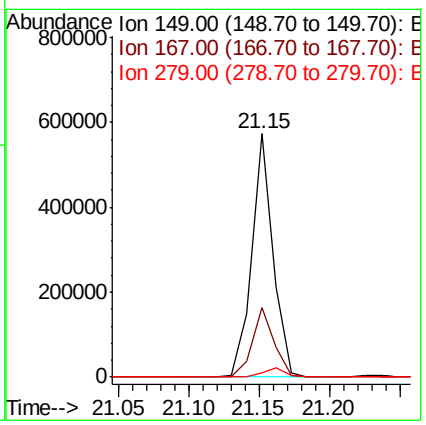


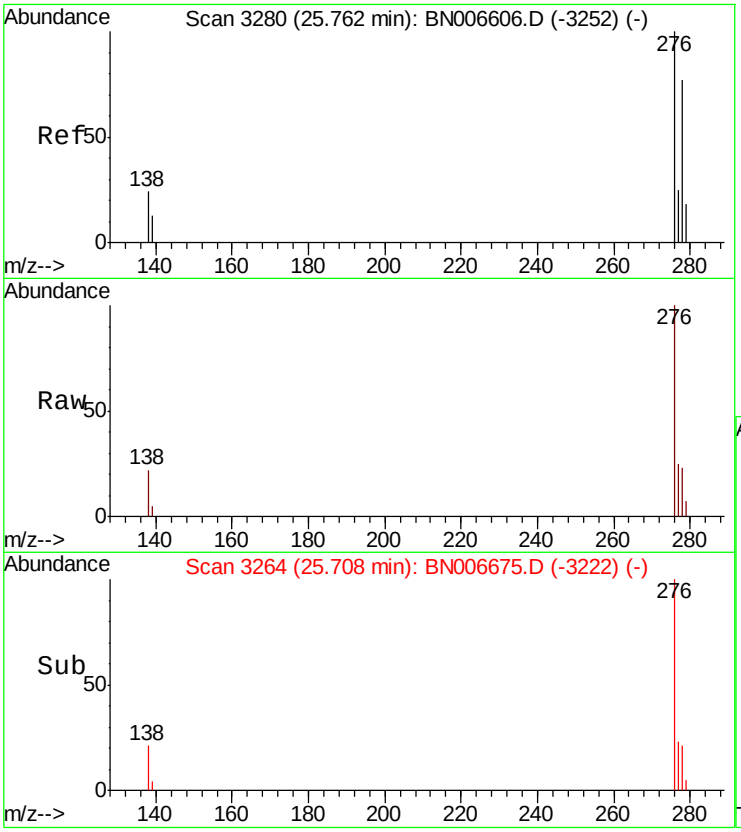


#32
Bis(2-ethylhexyl)phthalate
Concen: 19.865 ng
RT: 21.15 min Scan# 2181
Delta R.T. -0.02 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:149 Resp: 602785

Ion	Ratio	Lower	Upper
149	100		
167	29.1	22.9	34.3
279	4.0	3.3	4.9



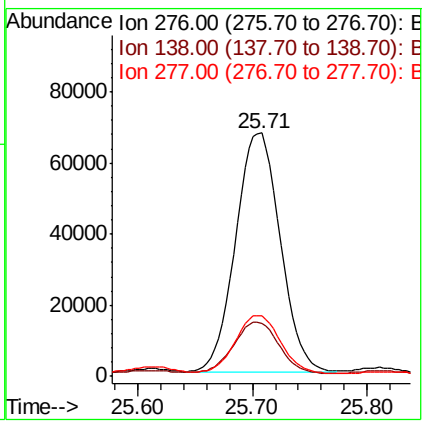


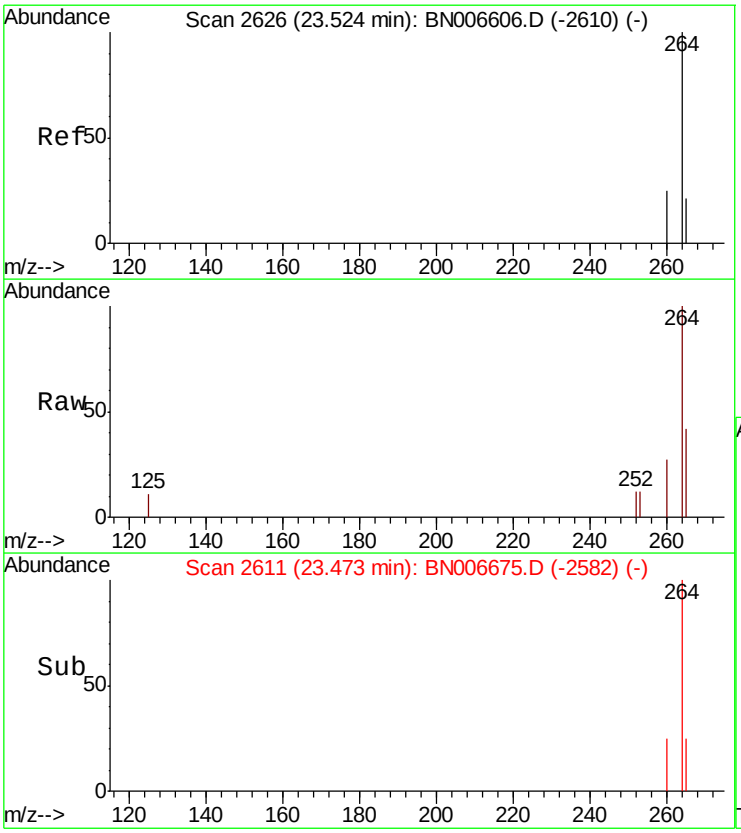
#33
Indeno(1,2,3-cd)pyrene
Concen: 2.760 ng
RT: 25.71 min Scan# 3264
Delta R.T. -0.05 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:276 Resp: 181550

Ion	Ratio	Lower	Upper
276	100		
138	21.8	19.3	28.9
277	24.4	19.9	29.9

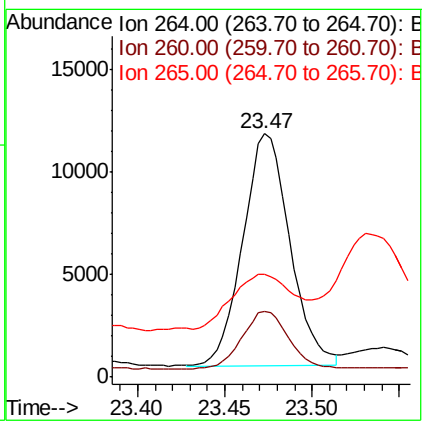


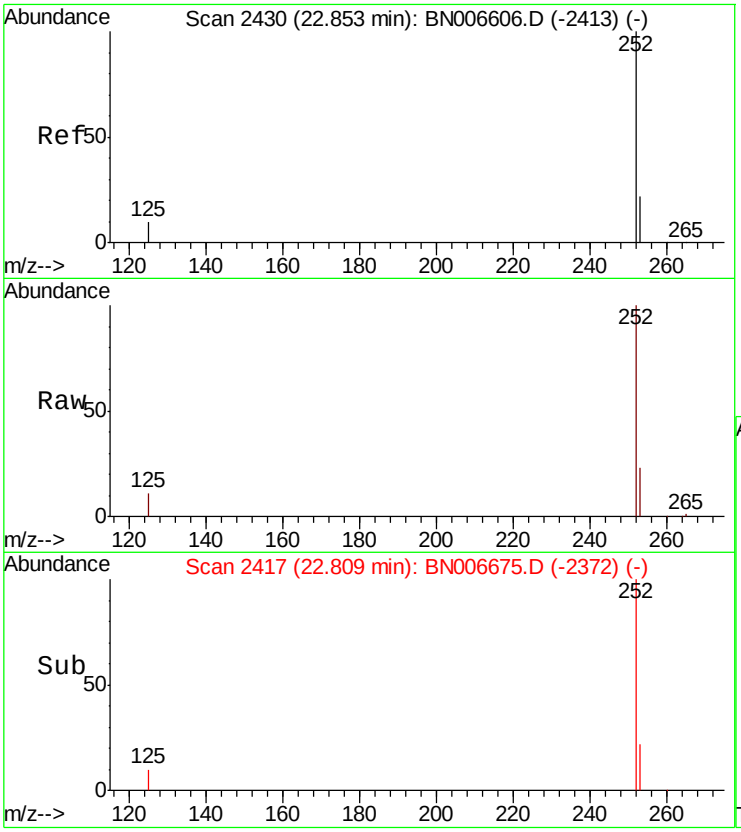


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.47 min Scan# 2611
Delta R.T. -0.05 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:264 Resp: 21337

Ion	Ratio	Lower	Upper
264	100		
260	27.2	20.2	30.2
265	42.2	23.3	34.9#



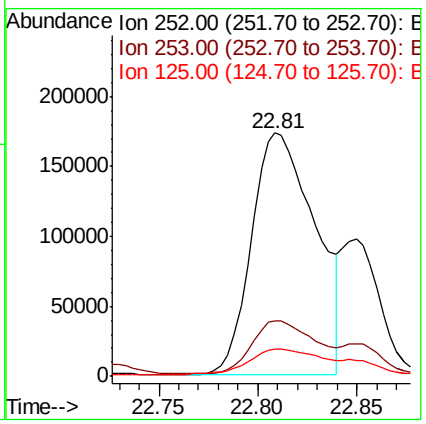


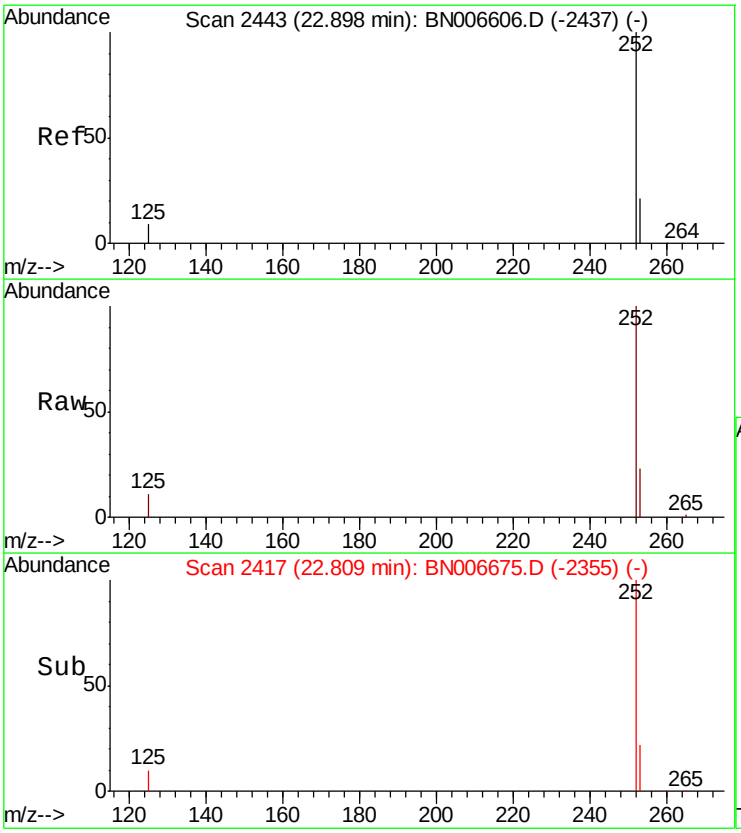
#35
Benzo(b)fluoranthene
Concen: 5.330 ng
RT: 22.81 min Scan# 2417
Delta R.T. -0.04 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:252 Resp: 386864

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.4	27.6
125	11.1	8.7	13.1

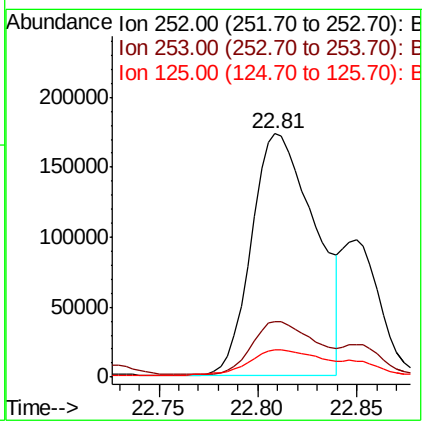


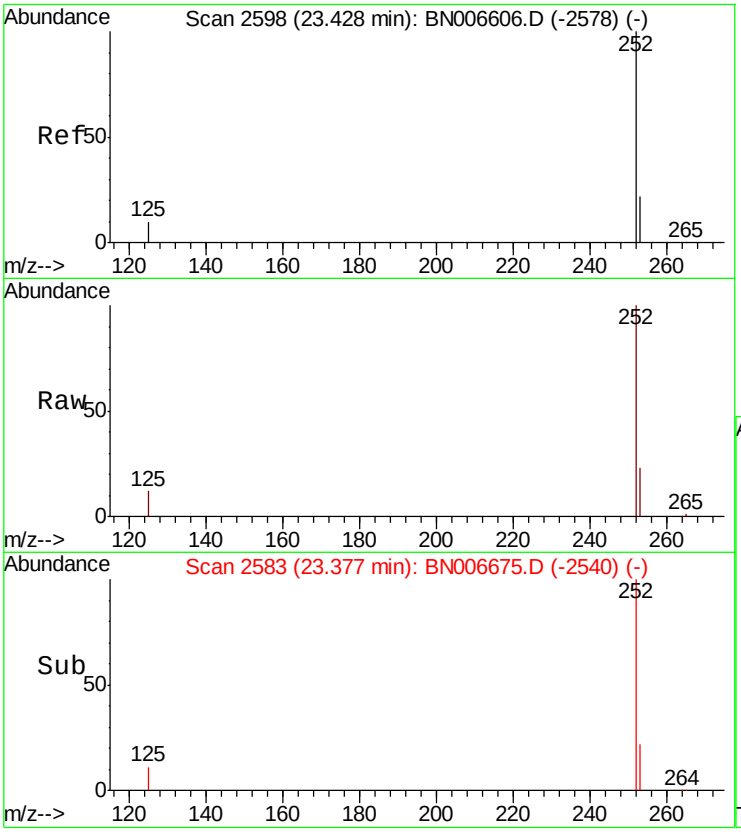


#36
Benzo(k)fluoranthene
Concen: 5.000 ng
RT: 22.81 min Scan# 2417
Delta R.T. -0.09 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:252 Resp: 386864

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.3	27.5
125	11.1	8.4	12.6



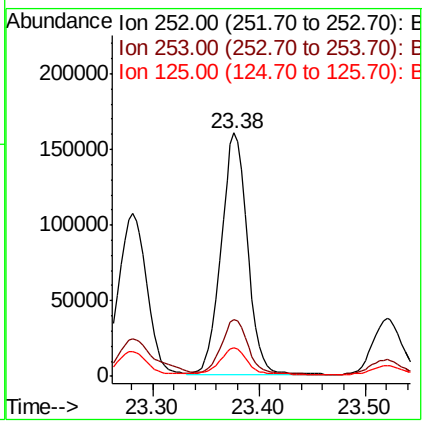


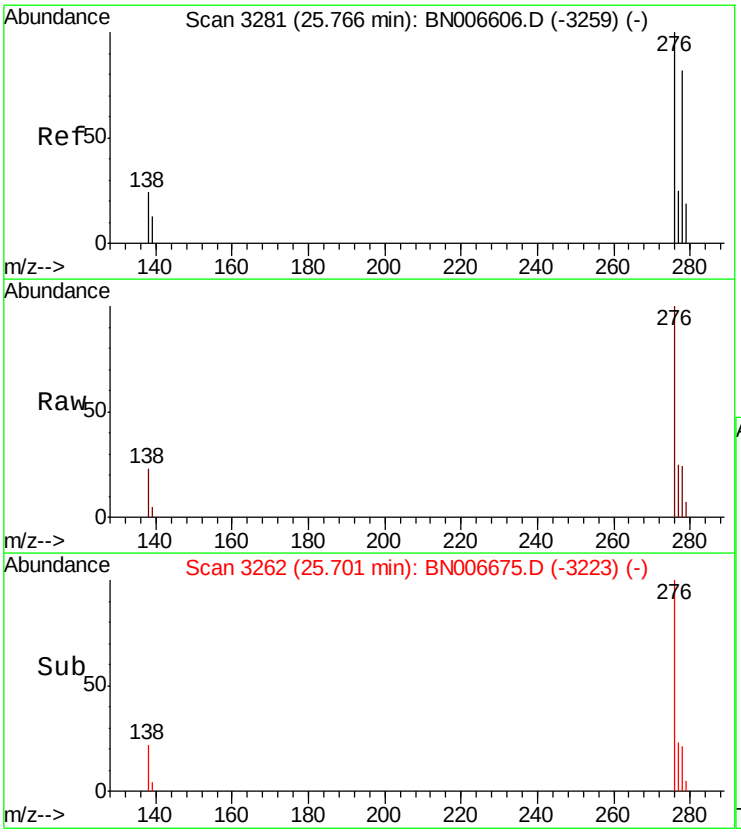
#37
Benzo(a)pyrene
Concen: 4.012 ng
RT: 23.38 min Scan# 2583
Delta R.T. -0.05 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:252 Resp: 272206

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.8	28.2
125	11.7	9.4	14.2

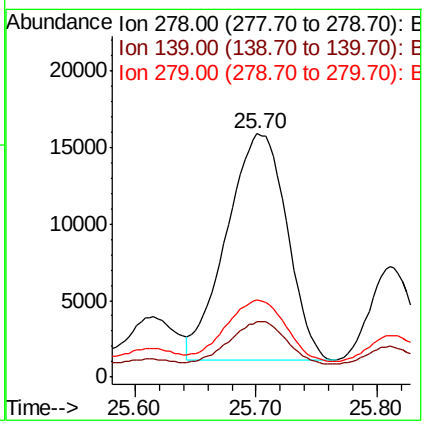


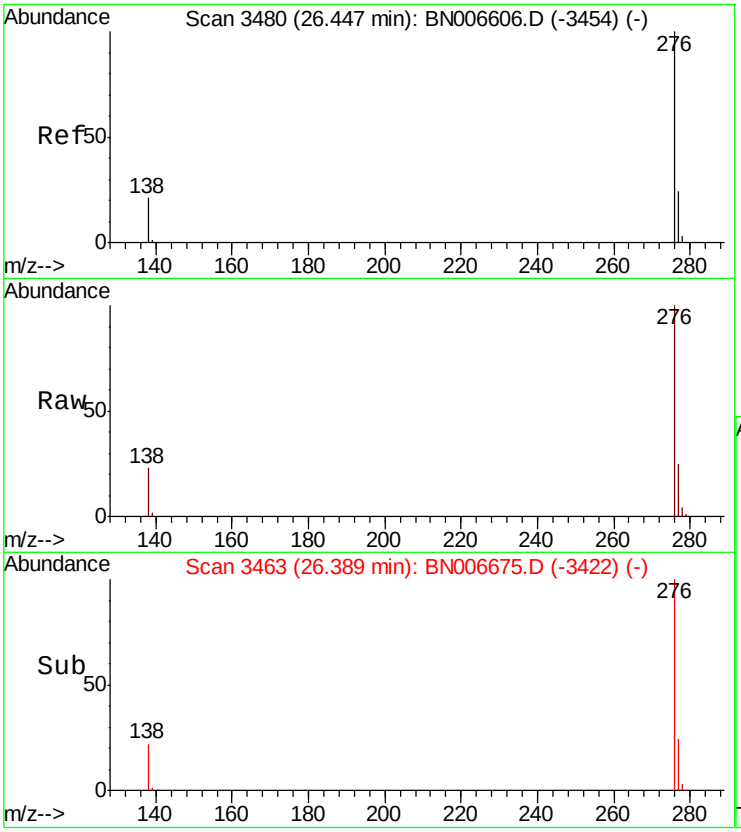


#38
Dibenzo(a,h)anthracene
Concen: 0.867 ng
RT: 25.70 min Scan# 3262
Delta R.T. -0.07 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Tgt Ion:278 Resp: 51388

Ion	Ratio	Lower	Upper
278	100		
139	22.8	13.5	20.3#
279	31.5	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 3.019 ng
RT: 26.39 min Scan# 3463
Delta R.T. -0.06 min
Lab File: BN006675.D
Acq: 02 Jul 2019 01:08

Instrument :
BNA_N
ClientSampleId :
PST-013-SW107-062019-1

Tgt Ion:276 Resp: 178642

Ion	Ratio	Lower	Upper
276	100		
277	24.5	19.6	29.4
138	23.0	17.7	26.5