Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006663.D
Acq On : 01 Jul 2019 16:29
Operator : HP/JU
Sample : K3504-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : PST-029-SW108-062019

Quant Time: Jul 02 05:05:46 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	4664	0.40	ng		0.00
7) Naphthalene-d8	10.40	136	18696	0.40	ng		0.00
13) Acenaphthene-d10	14.27	164	10131	0.40	ng		-0.01
19) Phenanthrene-d10	17.03	188	21117	0.40	ng		-0.01
27) Chrysene-d12	21.26	240	19512	0.40	ng		-0.01
34) Perylene-d12	23.50	264	22042	0.40	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.24	112	3196	0.28	ng		0.00
5) Phenol-d6	6.82	99	4328	0.29	ng		0.00
8) Nitrobenzene-d5	8.79	82	3042	0.24	ng		0.00
11) 2-Methylnaphthalene-d10	12.00	152	6862	0.23	ng		0.00
14) 2,4,6-Tribromophenol	15.78	330	1196	0.25	ng		-0.01
15) 2-Fluorobiphenyl	12.88	172	8944	0.24	ng		-0.01
25) Fluoranthene-d10	19.07	212	11562	0.19	ng		-0.01
29) Terphenyl-d14	19.68	244	7852	0.19	ng		0.00
Target Compounds							Qvalue
6) bis(2-Chloroethyl)ether	7.04	93	403	0.030	ng	#	26
9) Naphthalene	10.44	128	9741	0.198	ng		98
12) 2-Methylnaphthalene	12.07	142	5792	0.171	ng		97
16) Acenaphthylene	13.99	152	46002	0.952	ng		99
17) Acenaphthene	14.33	154	3333	0.105	ng	#	94
18) Fluorene	15.32	166	8507	0.212	ng	#	84
22) Pentachlorophenol	16.74	266	22	0.198	ng	#	74
23) Phenanthrene	17.07	178	170059	2.832	ng		100
24) Anthracene	17.16	178	36813	0.707	ng		99
26) Fluoranthene	19.11	202	255769	3.505	ng		98
28) Pyrene	19.47	202	311238	4.559	ng		97
30) Benzo(a)anthracene	21.24	228	131613	2.063	ng		96
31) Chrysene	21.29	228	166413	2.420	ng		96
32) Bis(2-ethylhexyl)phthalate	21.16	149	26739	0.833	ng		99
33) Indeno(1,2,3-cd)pyrene	25.73	276	84820	1.219	ng		97
35) Benzo(b)fluoranthene	22.83	252	169191	2.257	ng		98
36) Benzo(k)fluoranthene	22.83	252	169191	2.117	ng		98
37) Benzo(a)pyrene	23.40	252	129674	1.850	ng		99
38) Dibenzo(a,h)anthracene	25.73	278	24878	0.406	ng	#	79
39) Benzo(g,h,i)perylene	26.42	276	91093	1.490	ng		99

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

Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN070119\
Data File : BN006663.D
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PST-029-SW108-062019

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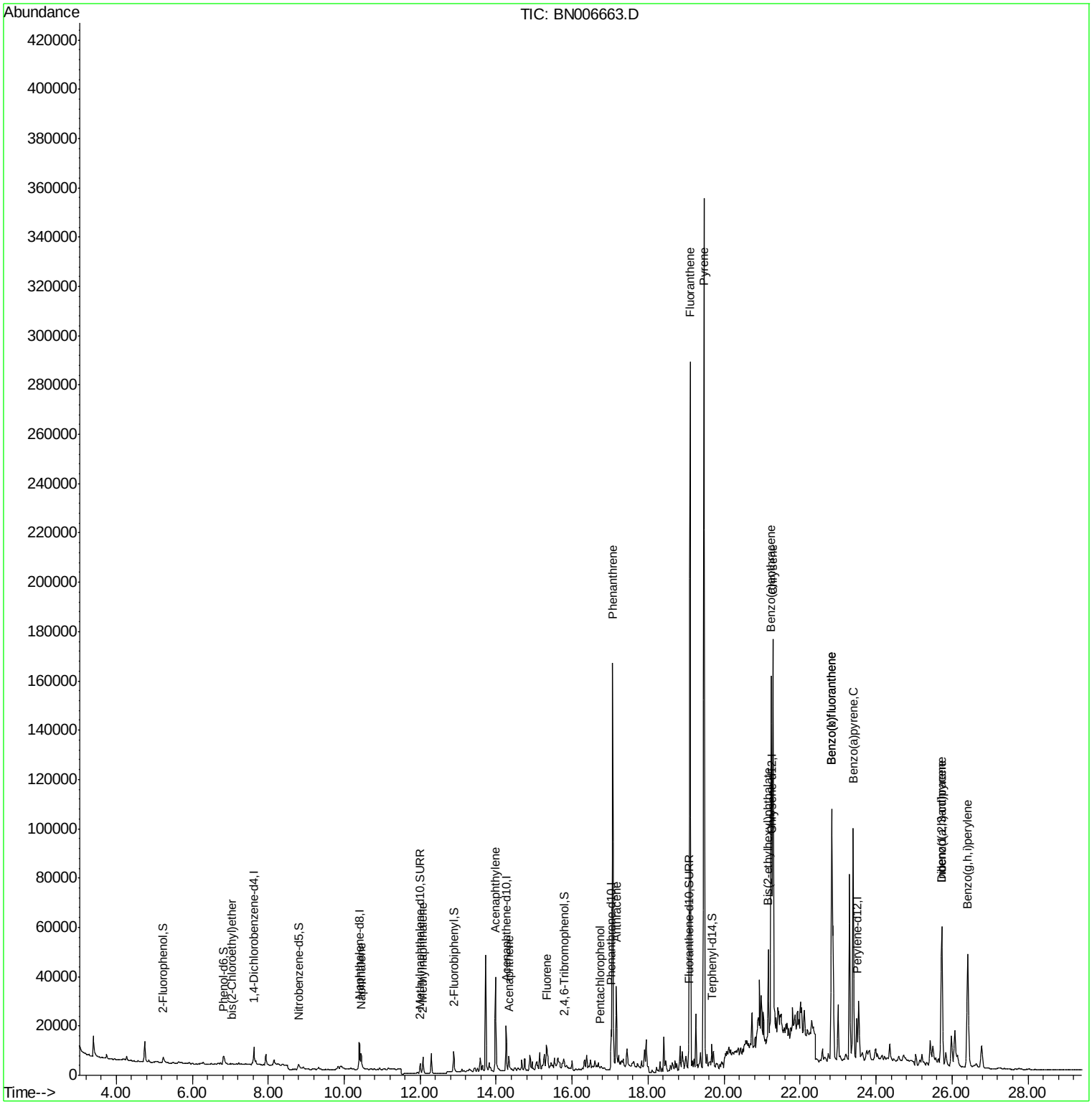
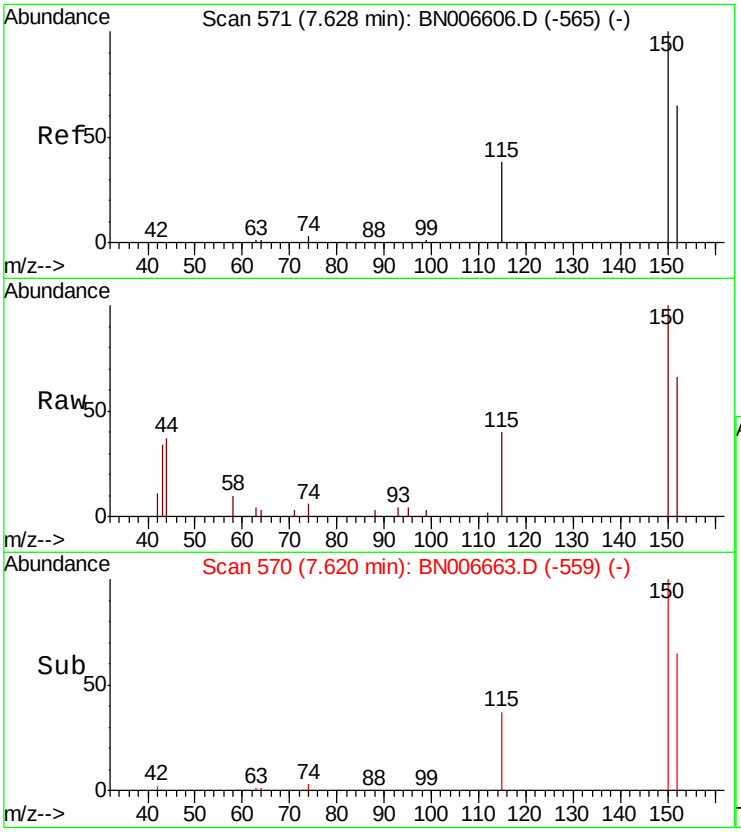
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 13:47:56 2019
Response via : Initial Calibration



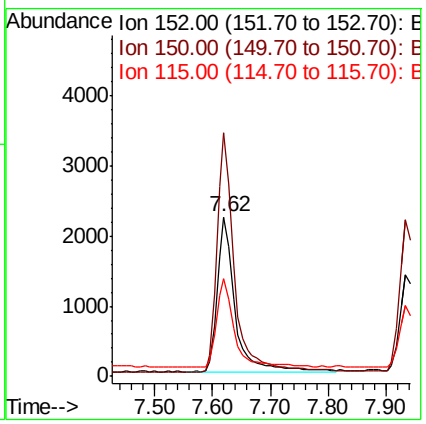


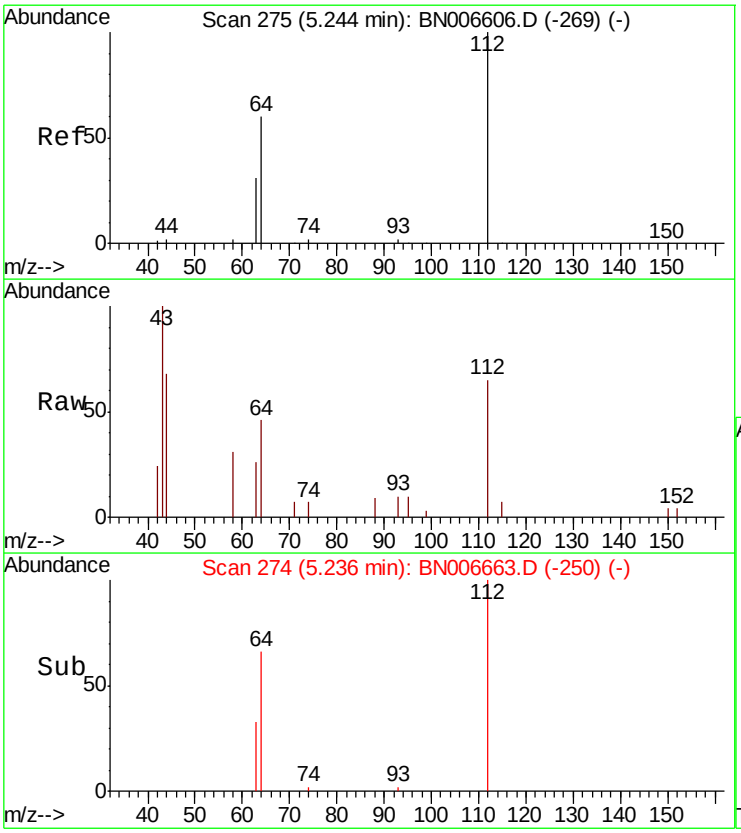
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.62 min Scan# 570
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:152 Resp: 4664

Ion	Ratio	Lower	Upper
152	100		
150	152.6	122.2	183.2
115	61.5	50.0	75.0

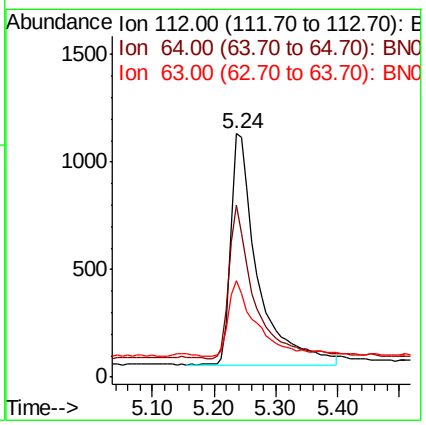


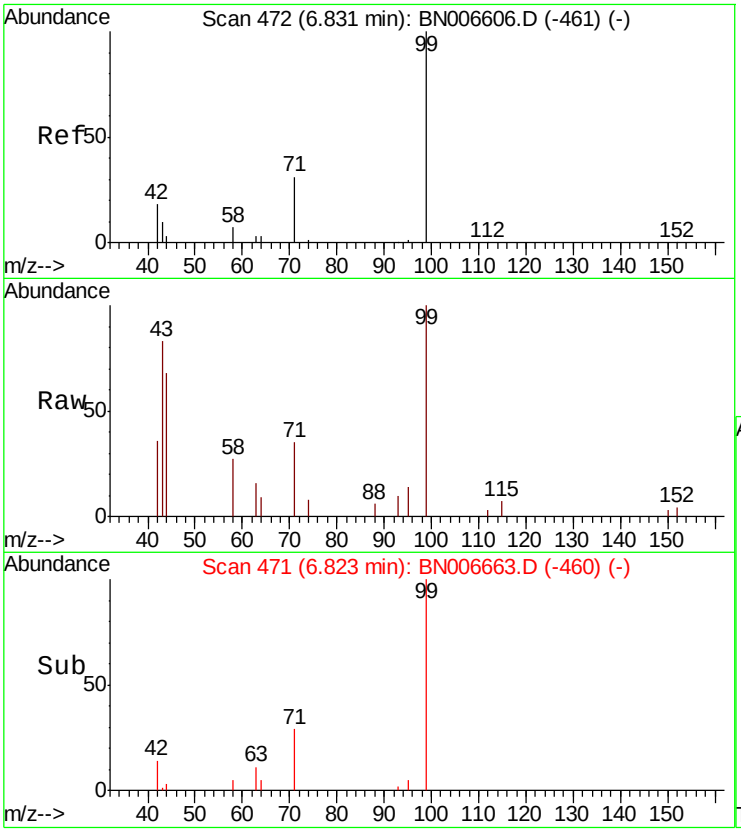


#4
2-Fluorophenol
Concen: 0.279 ng
RT: 5.24 min Scan# 274
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:112 Resp: 3196

Ion	Ratio	Lower	Upper
112	100		
64	63.0	48.9	73.3
63	33.6	24.3	36.5



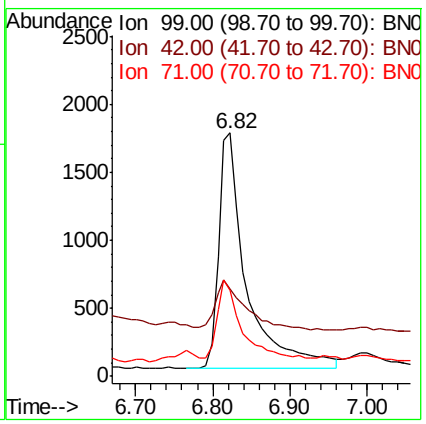


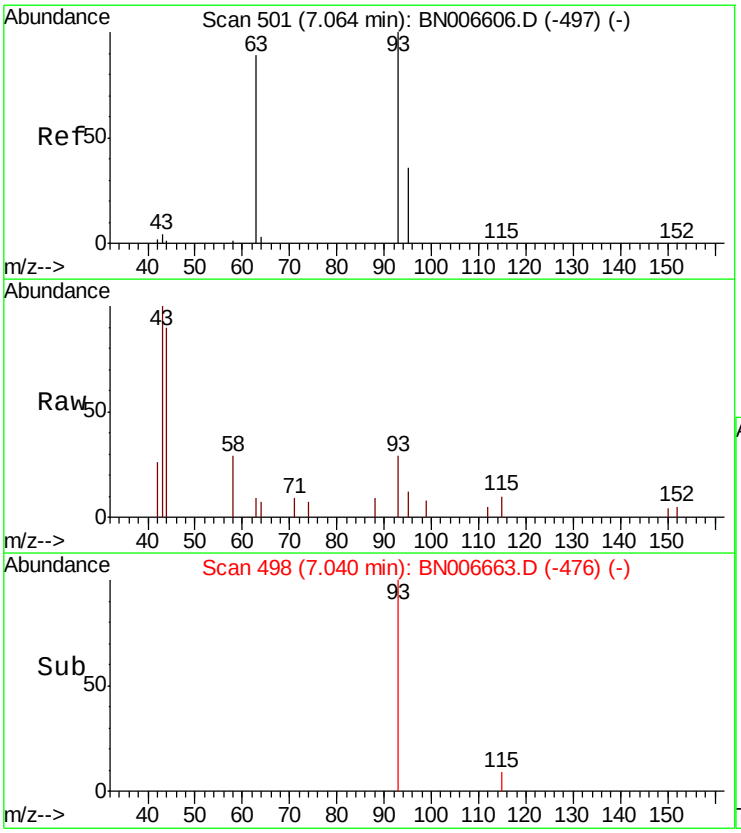
#5
Phenol-d6
Concen: 0.286 ng
RT: 6.82 min Scan# 471
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion: 99 Resp: 4328

Ion	Ratio	Lower	Upper
99	100		
42	22.0	16.4	24.6
71	29.1	26.6	40.0

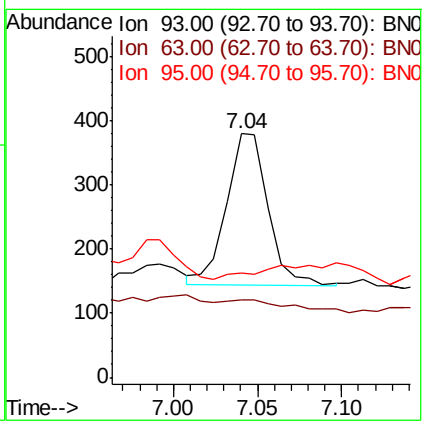


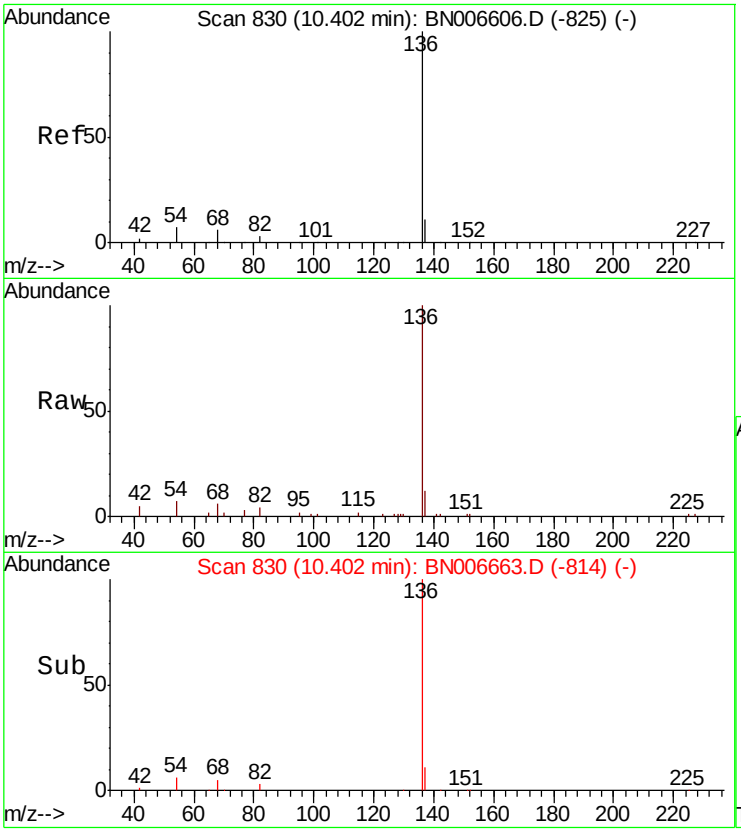


#6
bis(2-Chloroethyl)ether
Concen: 0.030 ng
RT: 7.04 min Scan# 498
Delta R.T. -0.02 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion: 93 Resp: 403

Ion	Ratio	Lower	Upper
93	100		
63	0.0	52.5	78.7#
95	0.0	24.2	36.4#



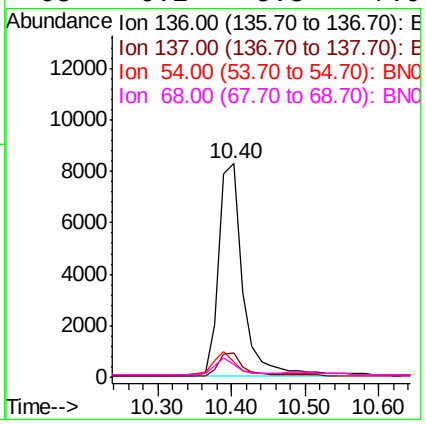


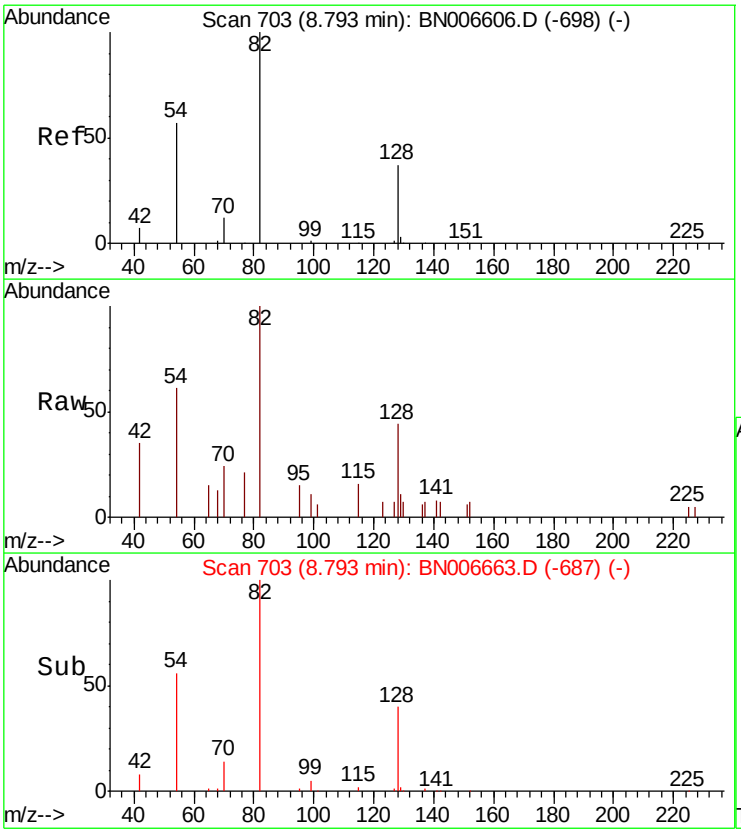
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.40 min Scan# 830
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:136 Resp: 18696

Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.3	13.9
54	7.1	6.7	10.1
68	6.2	5.3	7.9

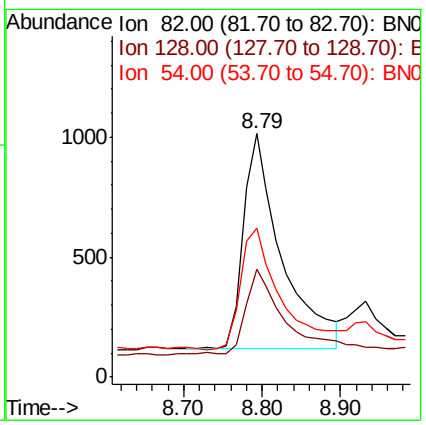


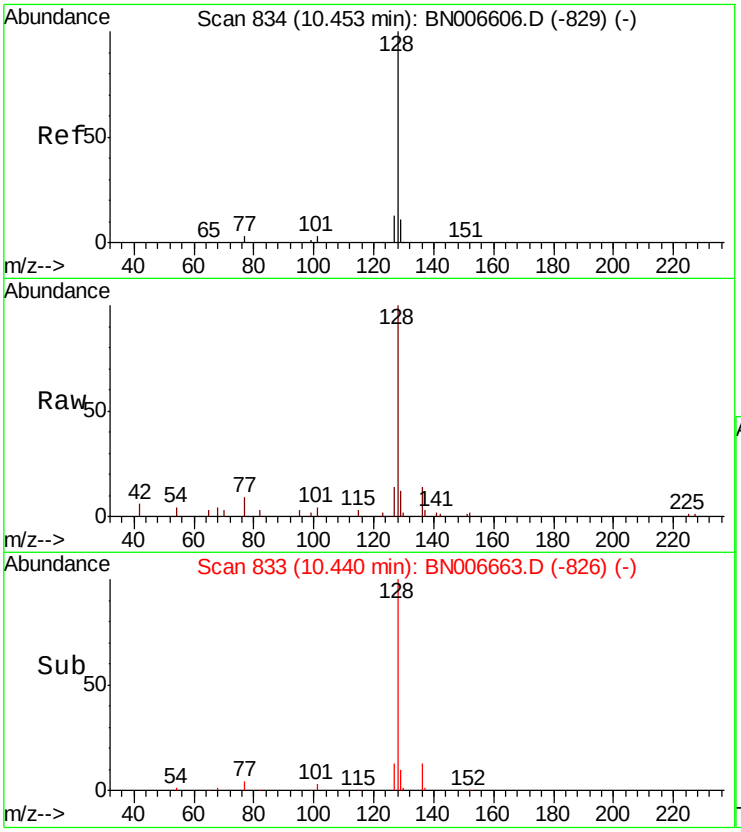


#8
Nitrobenzene-d5
Concen: 0.242 ng
RT: 8.79 min Scan# 703
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion: 82 Resp: 3042

Ion	Ratio	Lower	Upper
82	100		
128	44.1	32.6	49.0
54	61.1	48.2	72.4



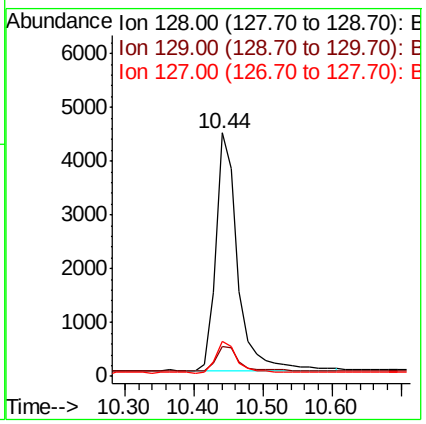


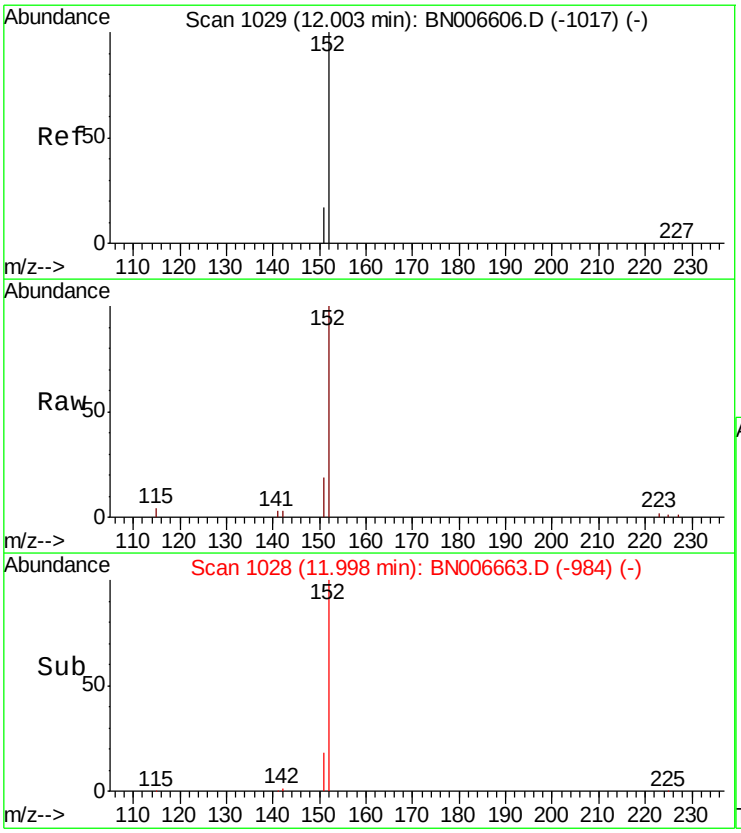
#9
Naphthalene
Concen: 0.198 ng
RT: 10.44 min Scan# 833
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:128 Resp: 9741

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.3	13.9
127	14.5	10.8	16.2

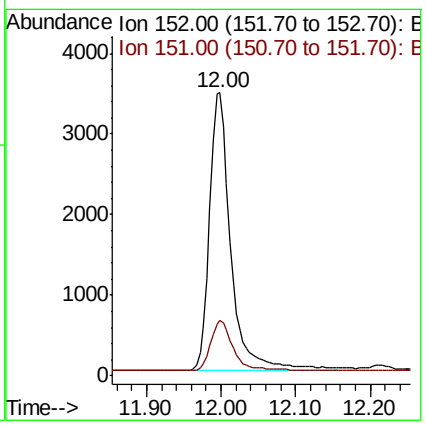


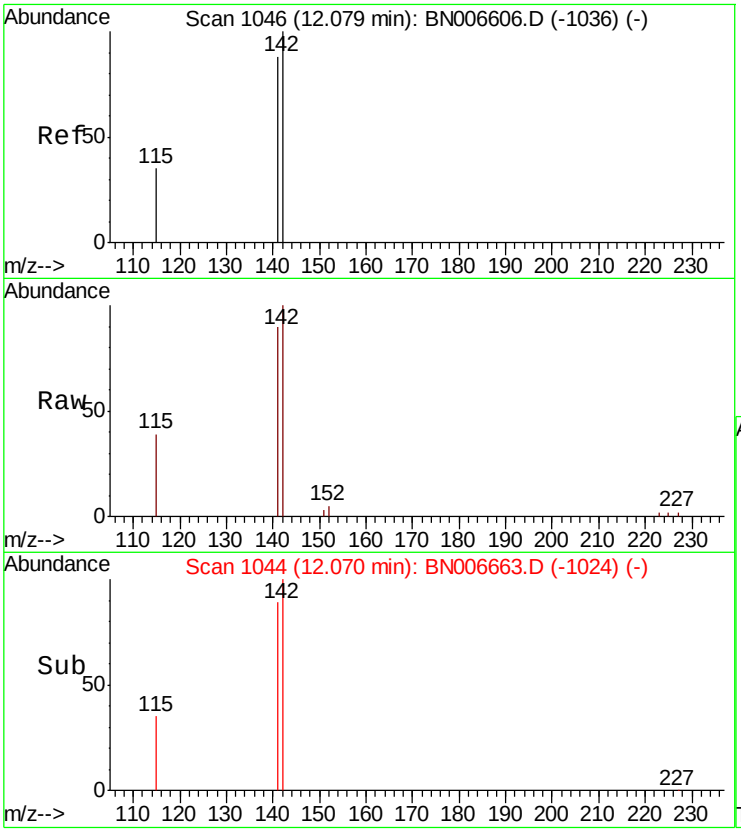


#11
2-Methylnaphthalene-d10
Concen: 0.233 ng
RT: 12.00 min Scan# 1028
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:152 Resp: 6862

Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.0	22.4



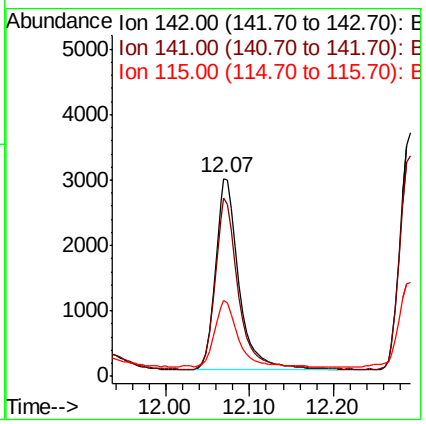


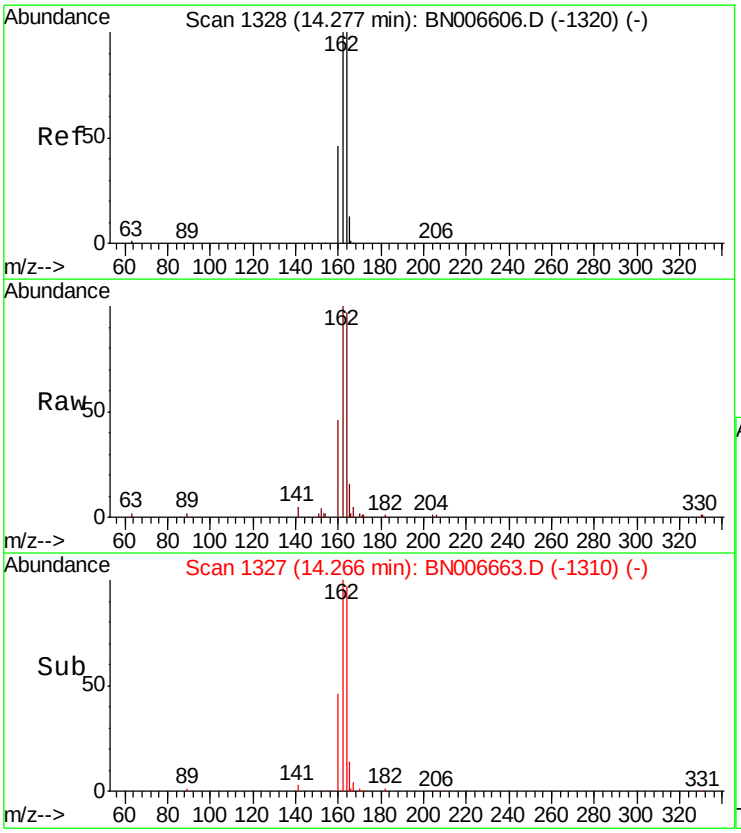
#12
2-Methylnaphthalene
Concen: 0.171 ng
RT: 12.07 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:142 Resp: 5792

Ion	Ratio	Lower	Upper
142	100		
141	89.9	70.2	105.4
115	38.6	28.5	42.7

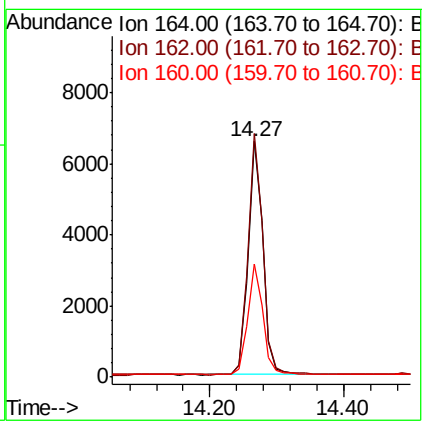


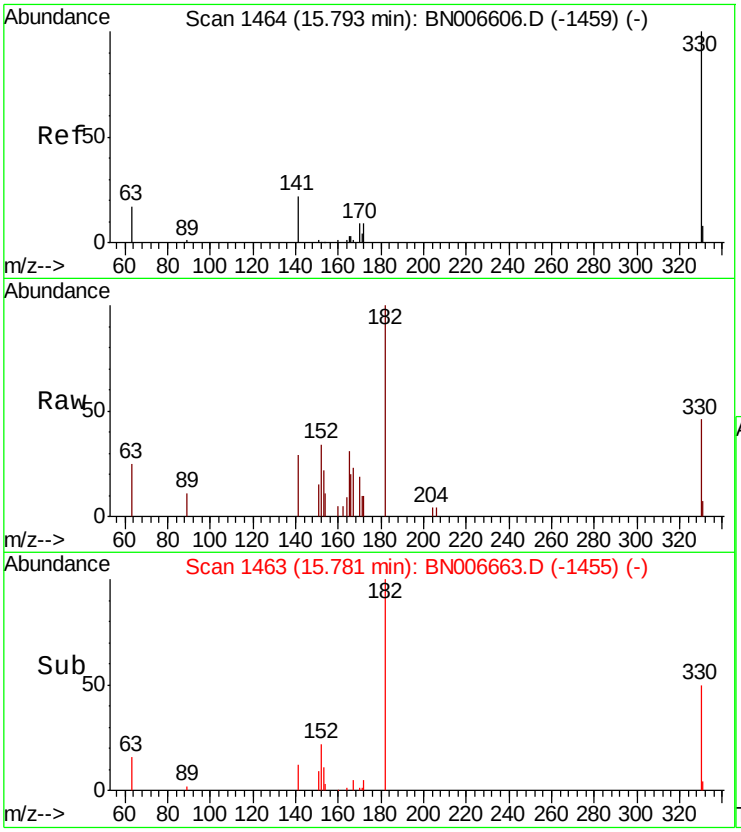


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.27 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:164 Resp: 10131

Ion	Ratio	Lower	Upper
164	100		
162	103.3	80.0	120.0
160	47.9	37.0	55.4



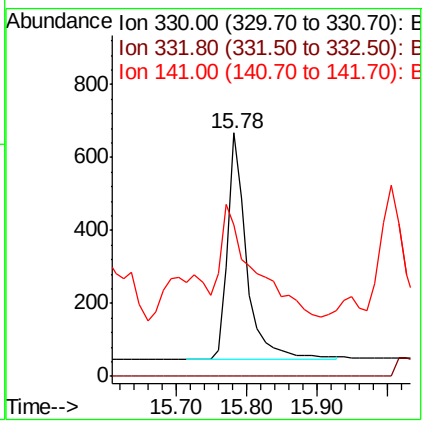


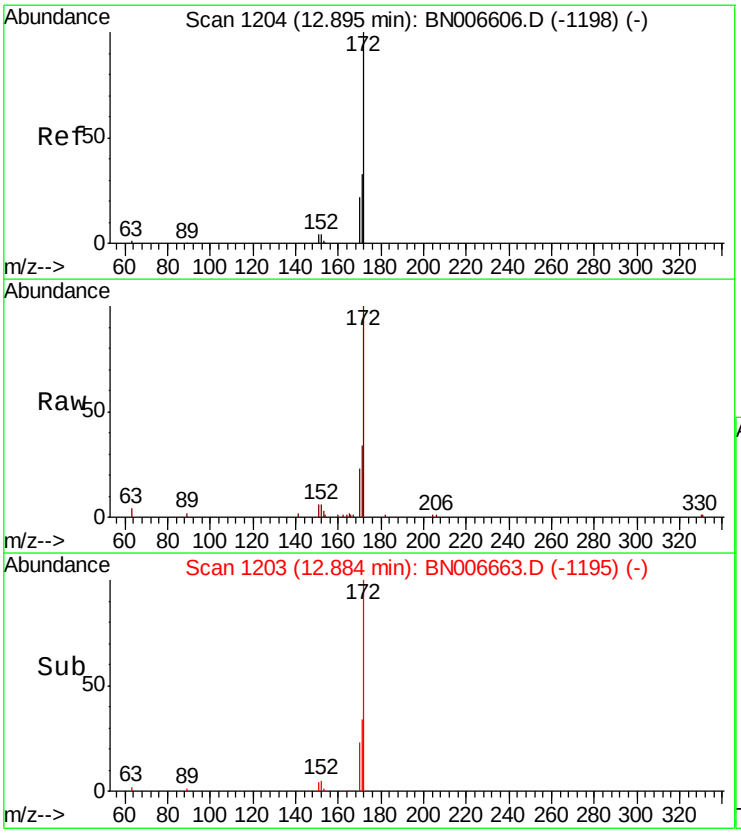
#14
2,4,6-Tribromophenol
Concen: 0.251 ng
RT: 15.78 min Scan# 1463
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:330 Resp: 1196

Ion	Ratio	Lower	Upper
330	100		
332	0.0	0.0	0.0
141	82.4	26.5	39.7#

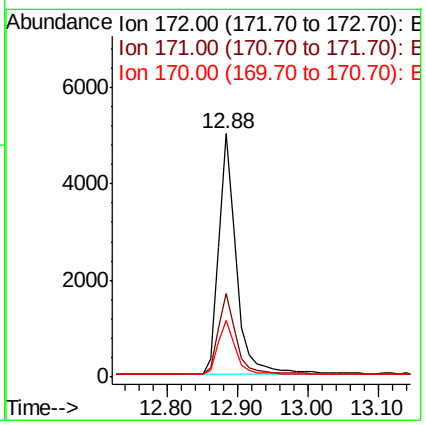


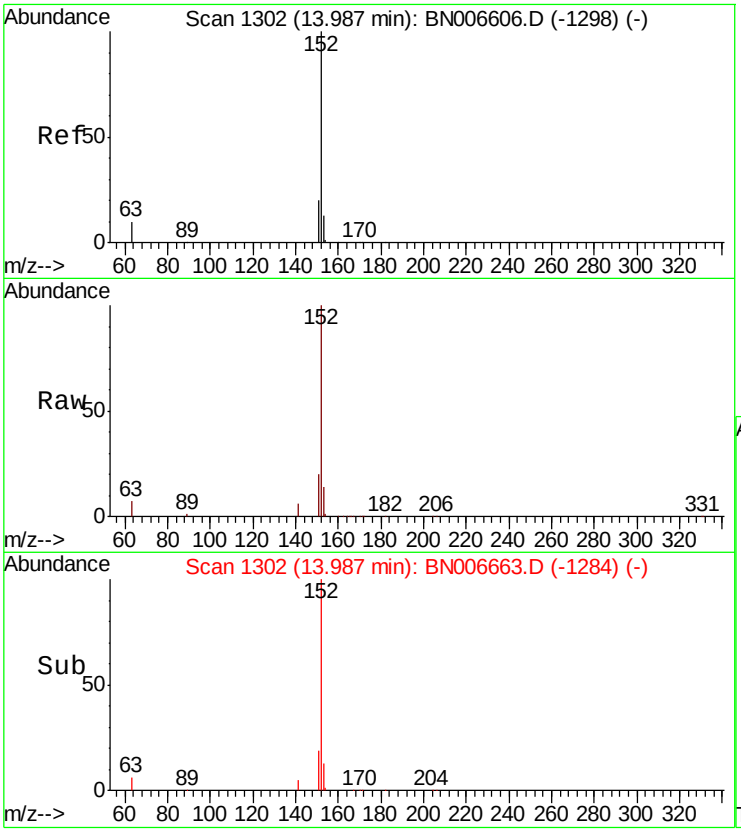


#15
2-Fluorobiphenyl
Concen: 0.238 ng
RT: 12.88 min Scan# 1203
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:172 Resp: 8944

Ion	Ratio	Lower	Upper
172	100		
171	34.4	27.0	40.4
170	23.4	17.7	26.5



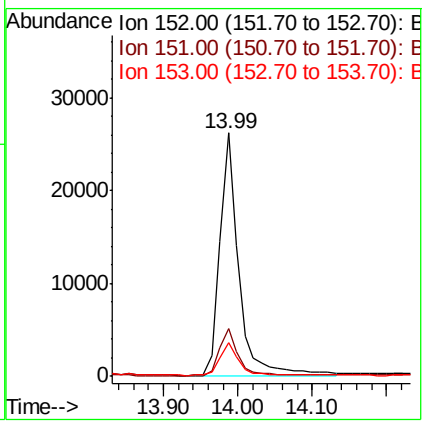


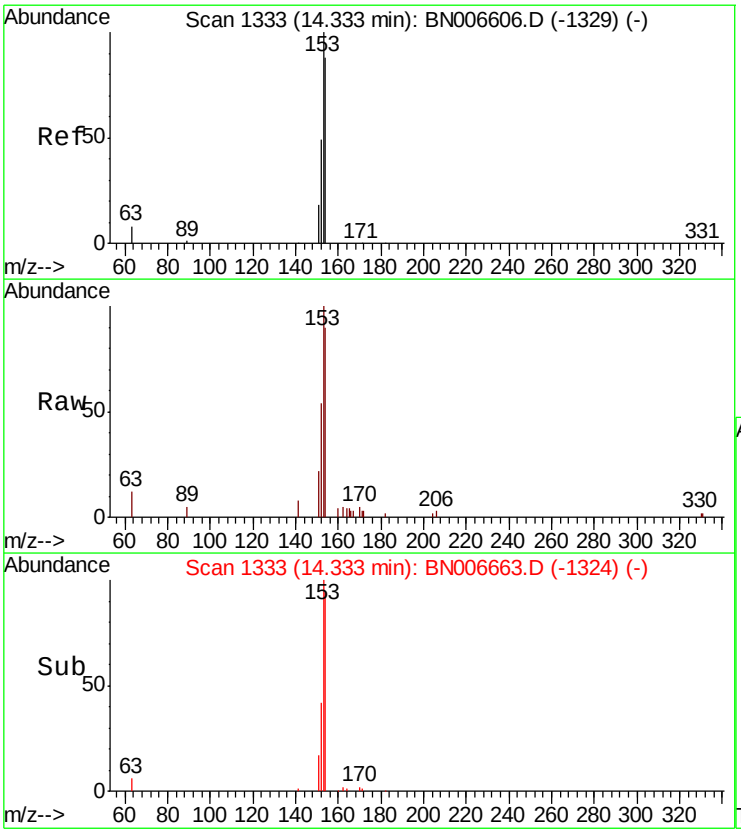
#16
Acenaphthylene
Concen: 0.952 ng
RT: 13.99 min Scan# 1302
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:152 Resp: 46002

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

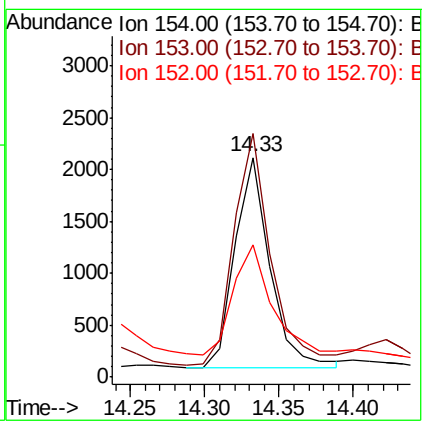


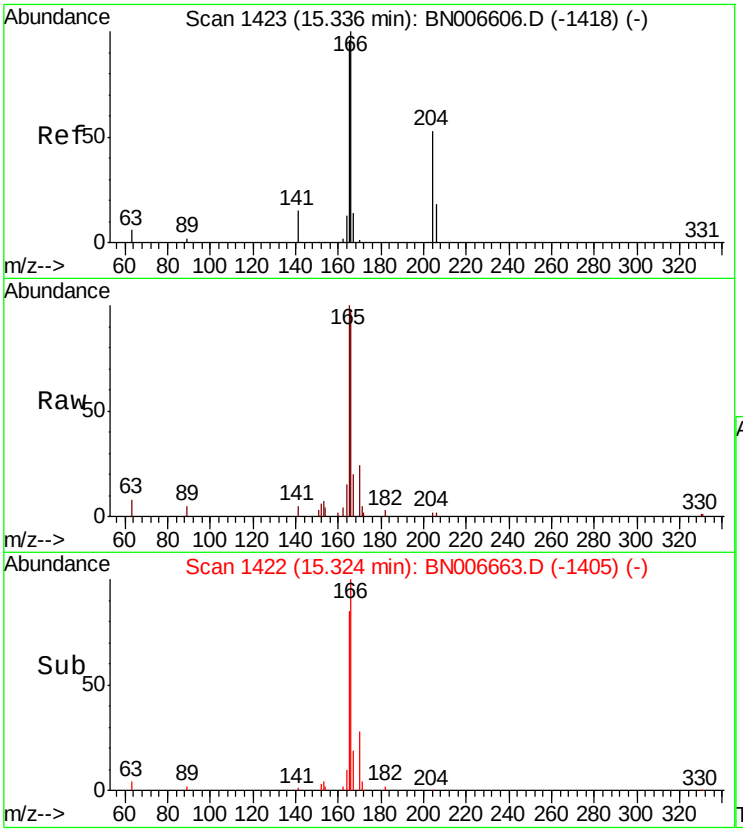


#17
Acenaphthene
Concen: 0.105 ng
RT: 14.33 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:154 Resp: 3333

Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.4
152	66.7	44.2	66.4#



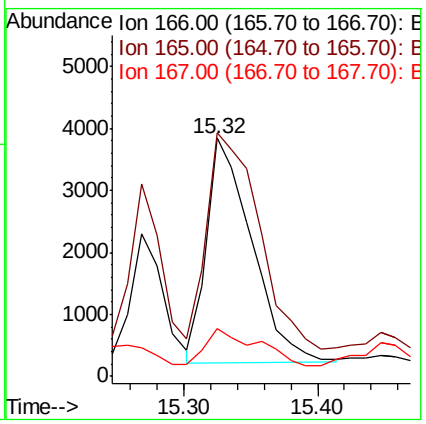


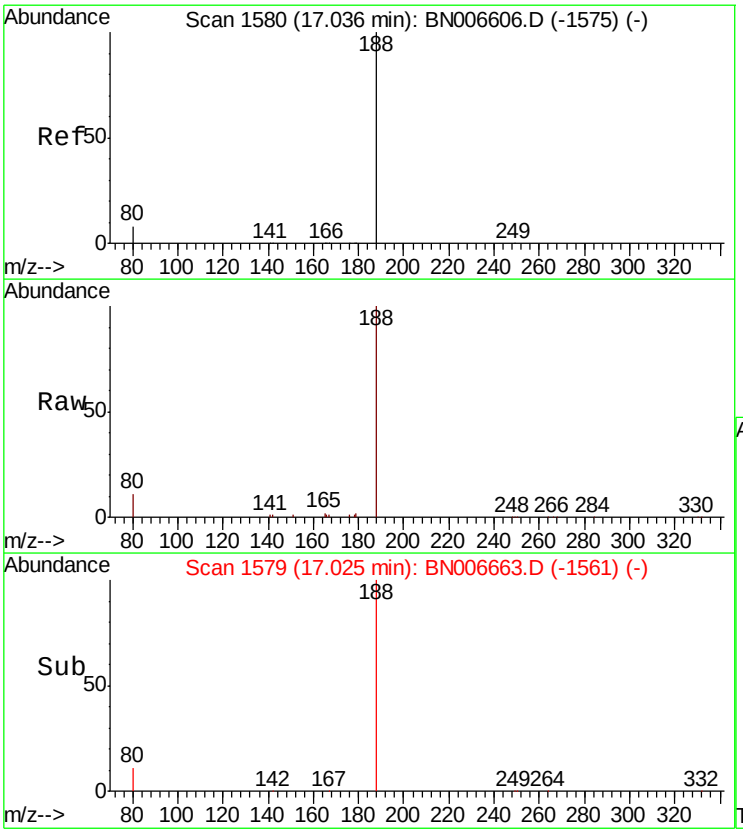
#18
Fluorene
Concen: 0.212 ng
RT: 15.32 min Scan# 1422
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:166 Resp: 8507

Ion	Ratio	Lower	Upper
166	100		
165	113.9	78.4	117.6
167	19.1	10.8	16.2#

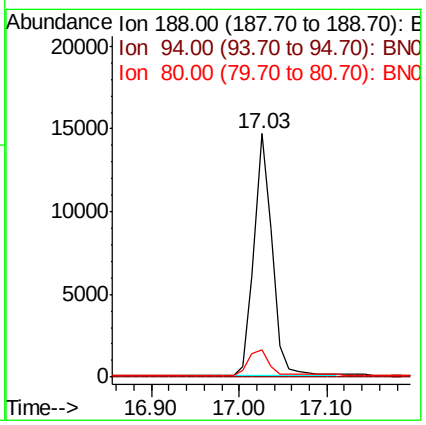


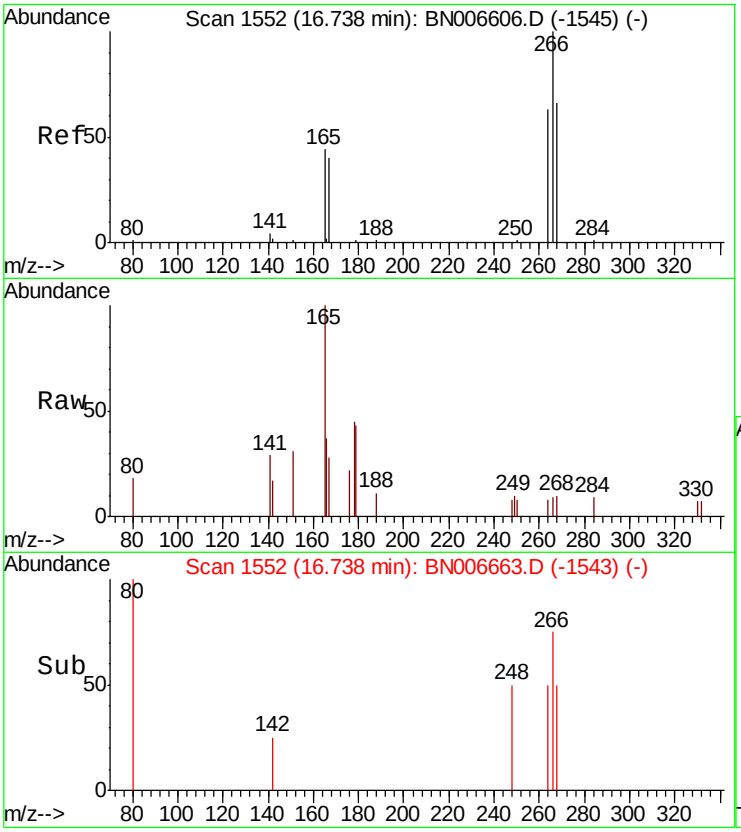


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.03 min Scan# 1579
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:188 Resp: 21117

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	11.5	7.1	10.7#



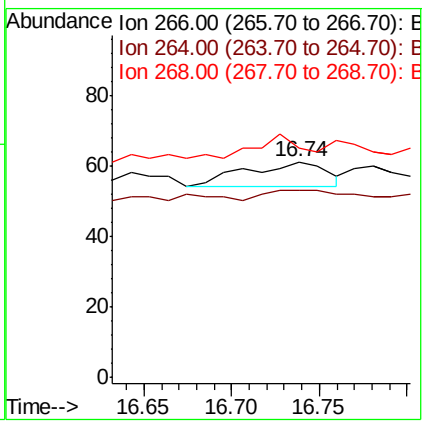


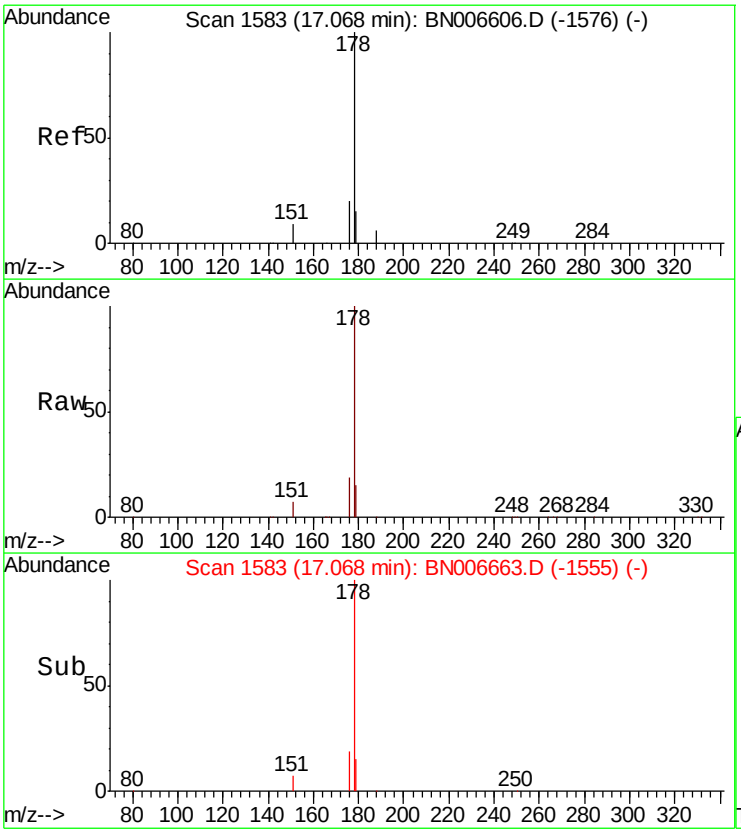
#22
Pentachlorophenol
Concen: 0.198 ng
RT: 16.74 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:266 Resp: 22

Ion	Ratio	Lower	Upper
266	100		
264	86.9	56.2	84.4#
268	106.6	63.0	94.4#

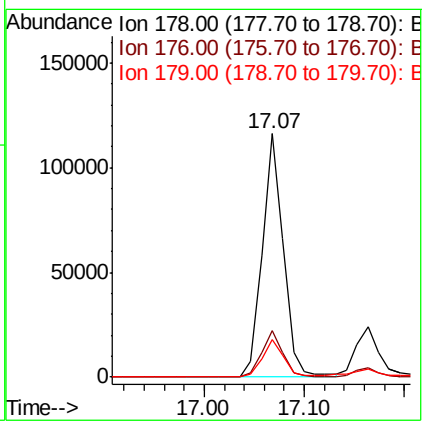


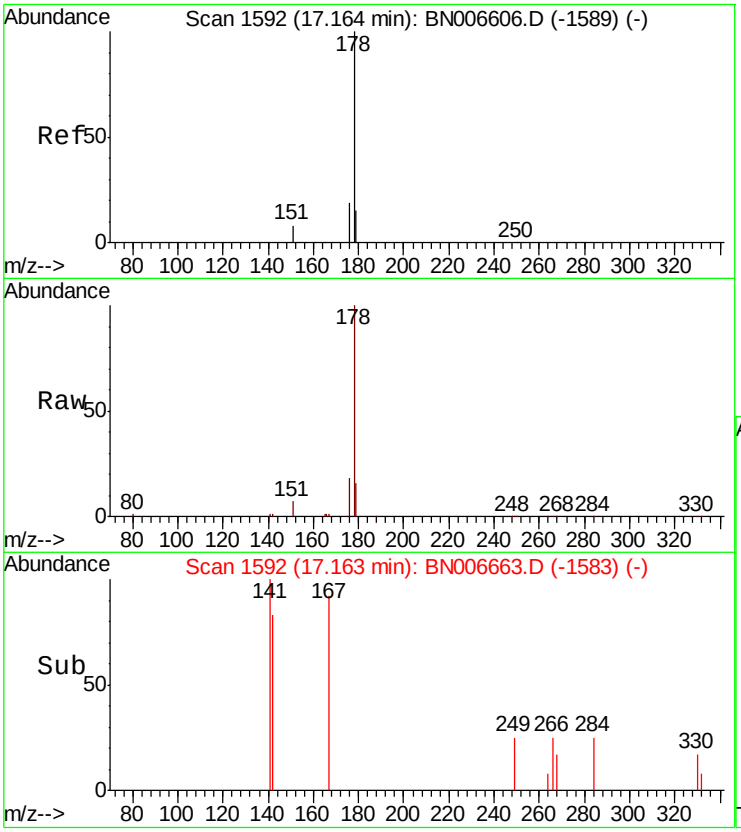


#23
Phenanthrene
Concen: 2.832 ng
RT: 17.07 min Scan# 1583
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:178 Resp: 170059

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.3	22.9
179	15.4	12.2	18.4



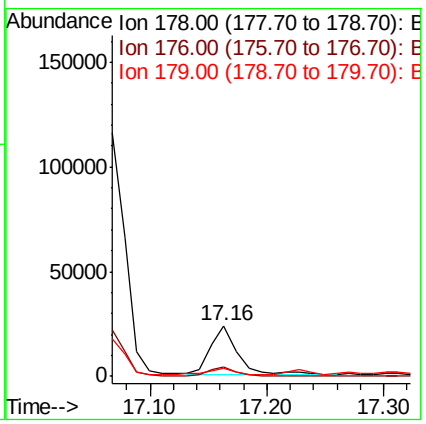


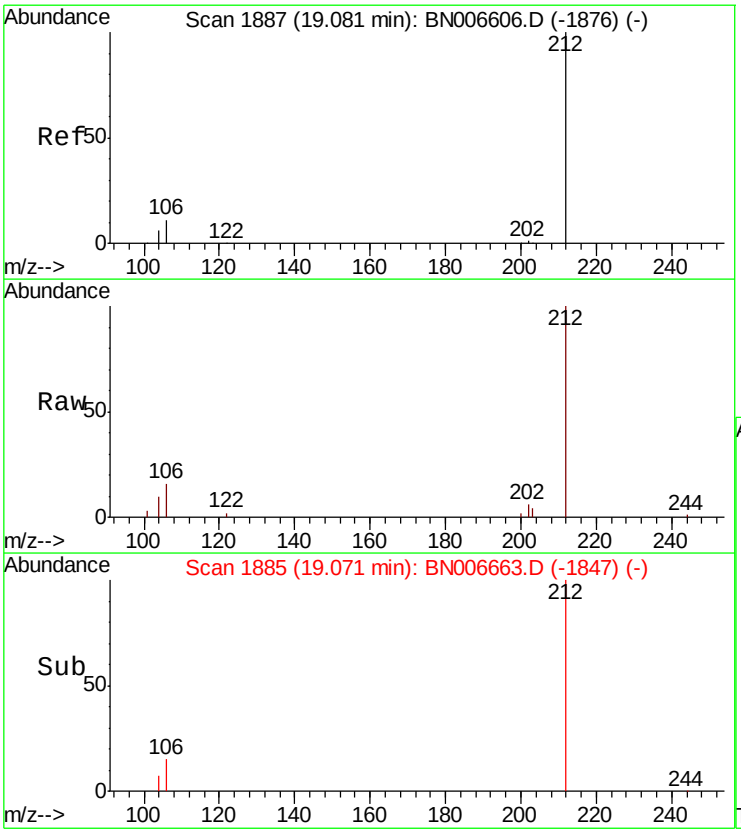
#24
Anthracene
Concen: 0.707 ng
RT: 17.16 min Scan# 1592
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:178 Resp: 36813

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

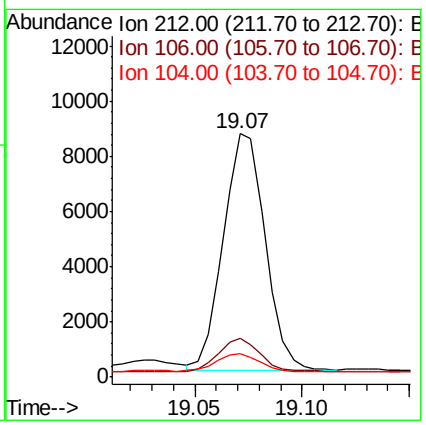


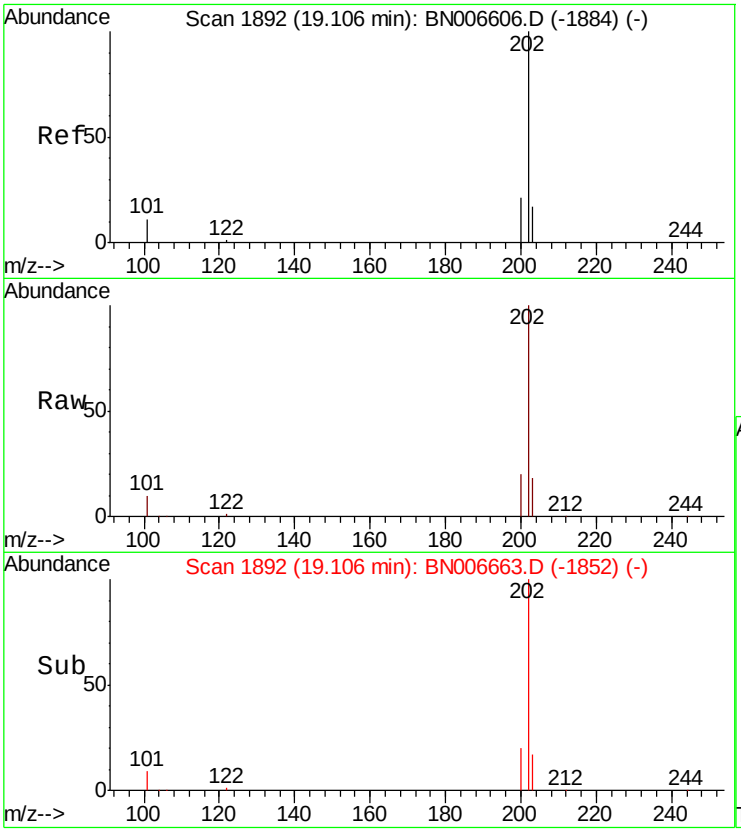


#25
Fluoranthene-d10
Concen: 0.186 ng
RT: 19.07 min Scan# 1885
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:212 Resp: 11562

Ion	Ratio	Lower	Upper
212	100		
106	14.4	10.6	15.8
104	8.4	5.8	8.6



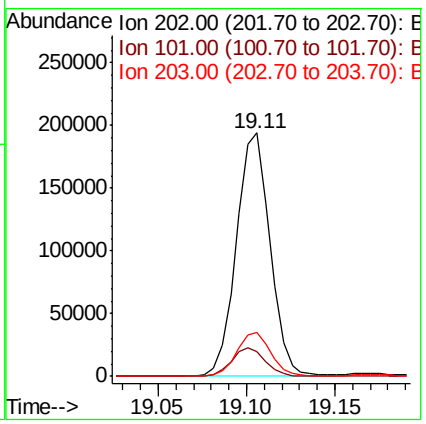


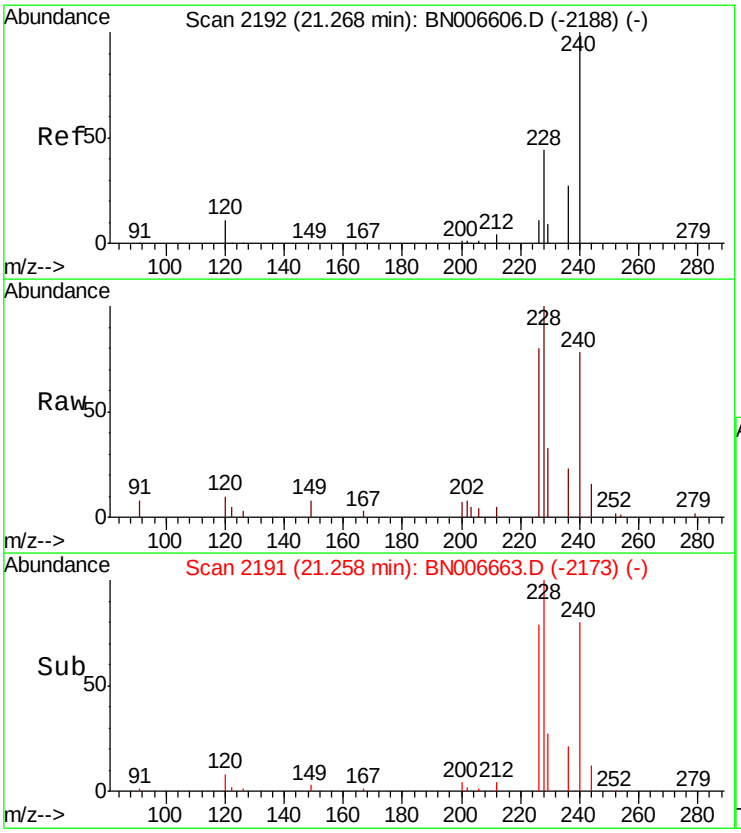
#26
Fluoranthene
Concen: 3.505 ng
RT: 19.11 min Scan# 1892
Delta R.T. -0.00 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:202 Resp: 255769

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.9	13.3
203	17.8	13.6	20.4

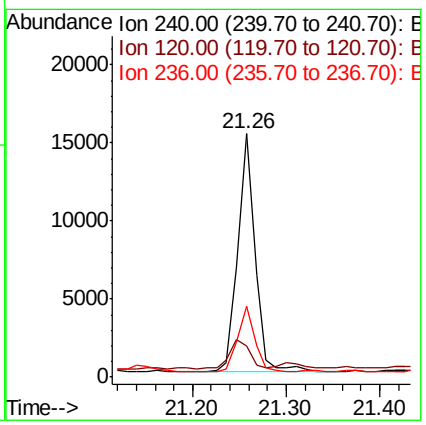


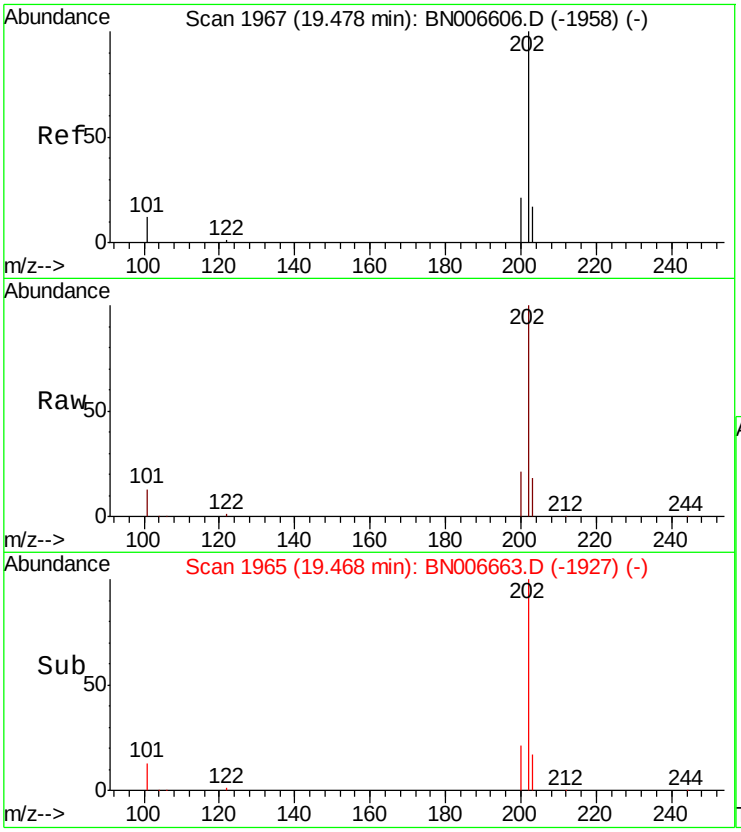


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.26 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:240 Resp: 19512

Ion	Ratio	Lower	Upper
240	100		
120	12.6	9.9	14.9
236	28.9	22.2	33.4



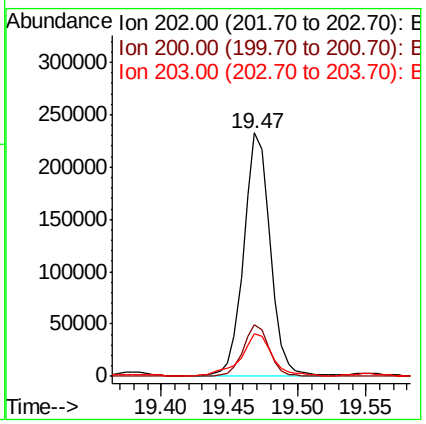


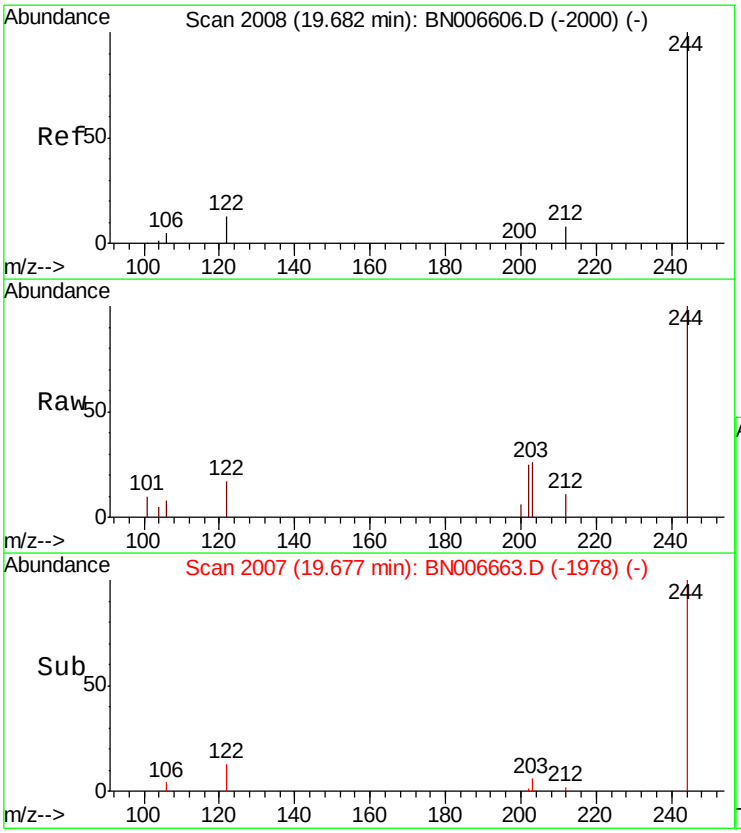
#28
Pyrene
Concen: 4.559 ng
RT: 19.47 min Scan# 1965
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:202 Resp: 311238

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.7	25.1
203	20.3	14.1	21.1

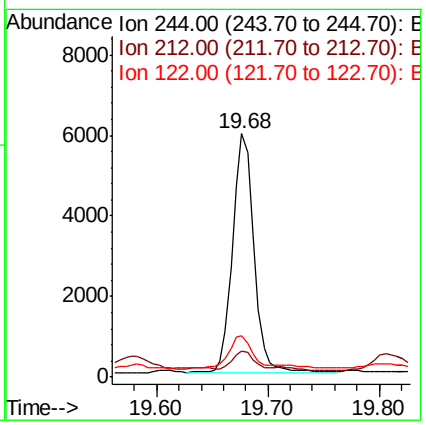


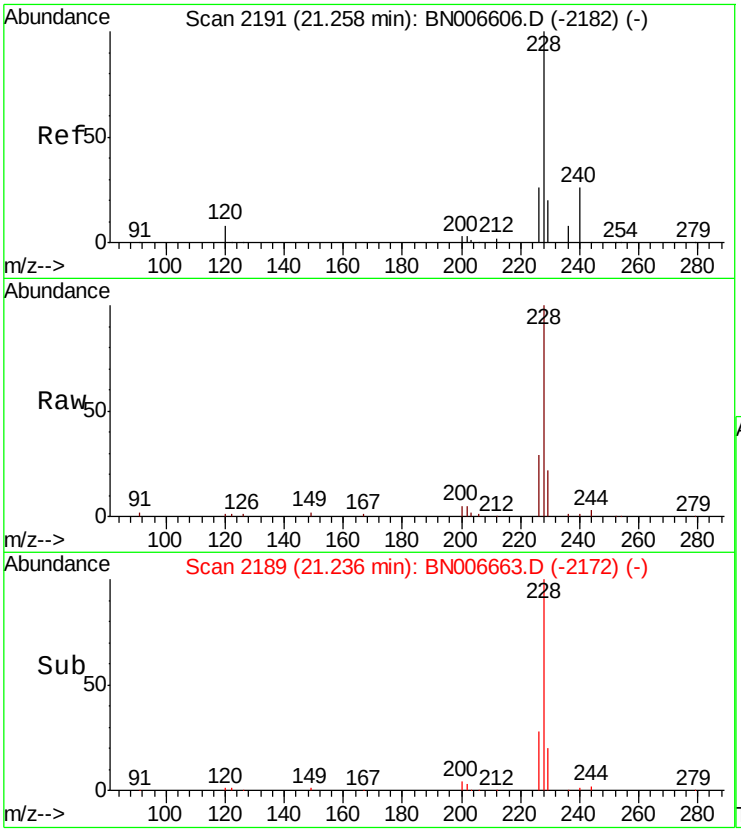


#29
Terphenyl-d14
Concen: 0.192 ng
RT: 19.68 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:244 Resp: 7852

Ion	Ratio	Lower	Upper
244	100		
212	10.7	6.7	10.1#
122	16.9	11.0	16.6#



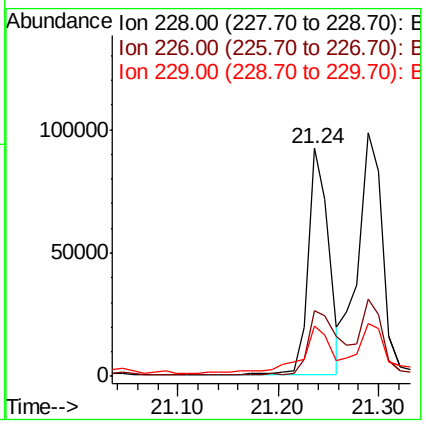


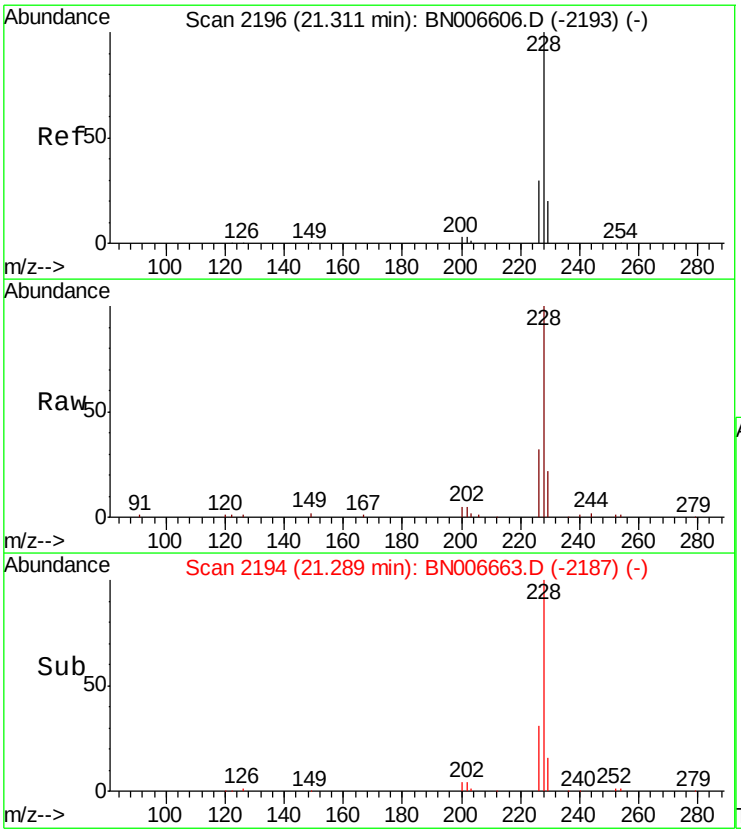
#30
Benzo(a)anthracene
Concen: 2.063 ng
RT: 21.24 min Scan# 2189
Delta R.T. -0.02 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:228 Resp: 131613

Ion	Ratio	Lower	Upper
228	100		
226	29.1	21.2	31.8
229	21.8	16.1	24.1

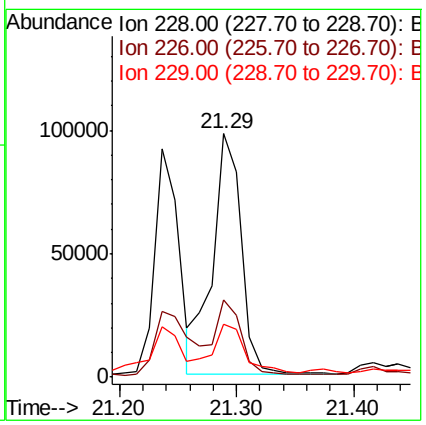


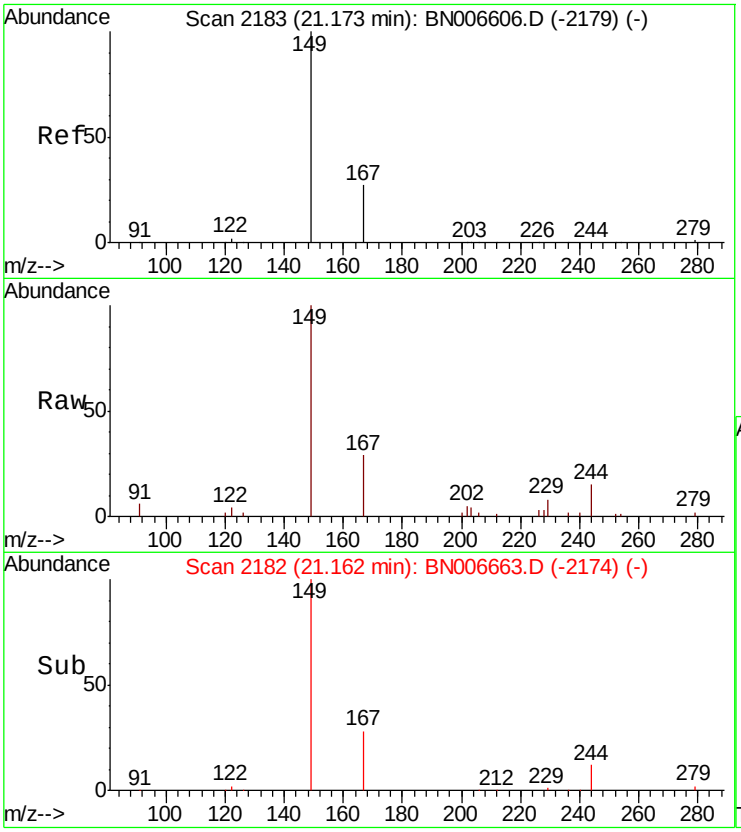


#31
Chrysene
Concen: 2.420 ng
RT: 21.29 min Scan# 2194
Delta R.T. -0.02 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:228 Resp: 166413

Ion	Ratio	Lower	Upper
228	100		
226	31.9	23.8	35.6
229	21.7	15.9	23.9



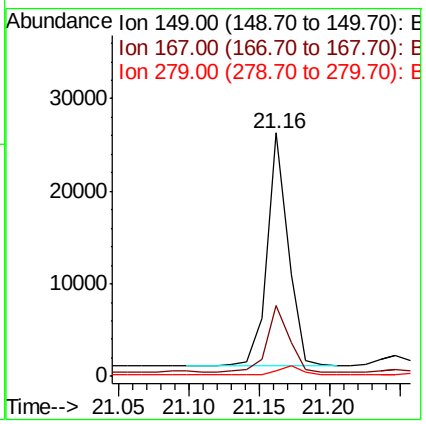


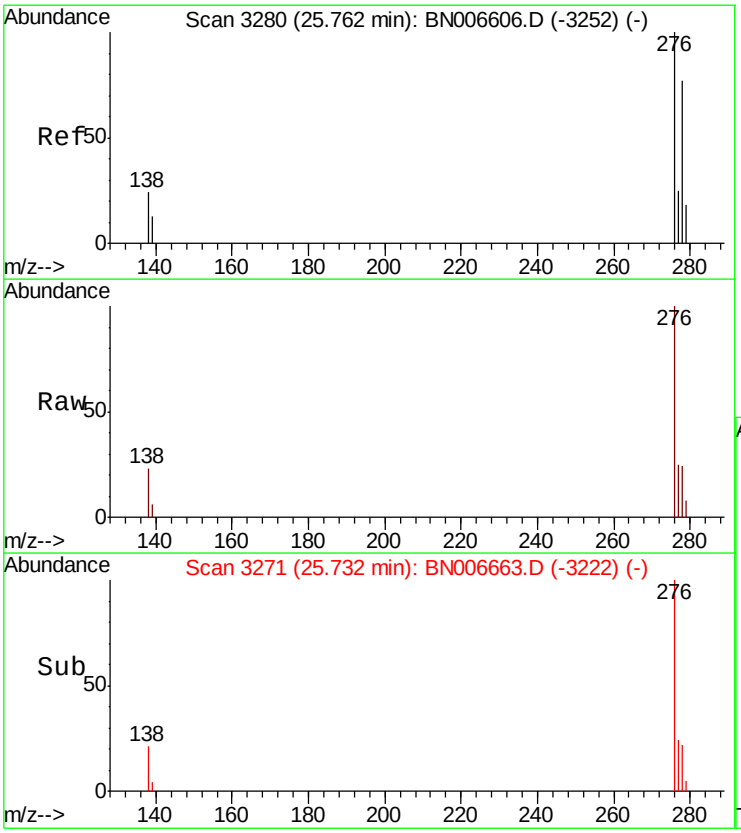
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.833 ng
RT: 21.16 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:149 Resp: 26739

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.9	34.3
279	4.0	3.3	4.9

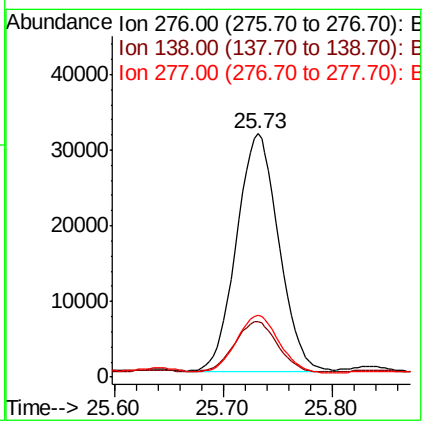


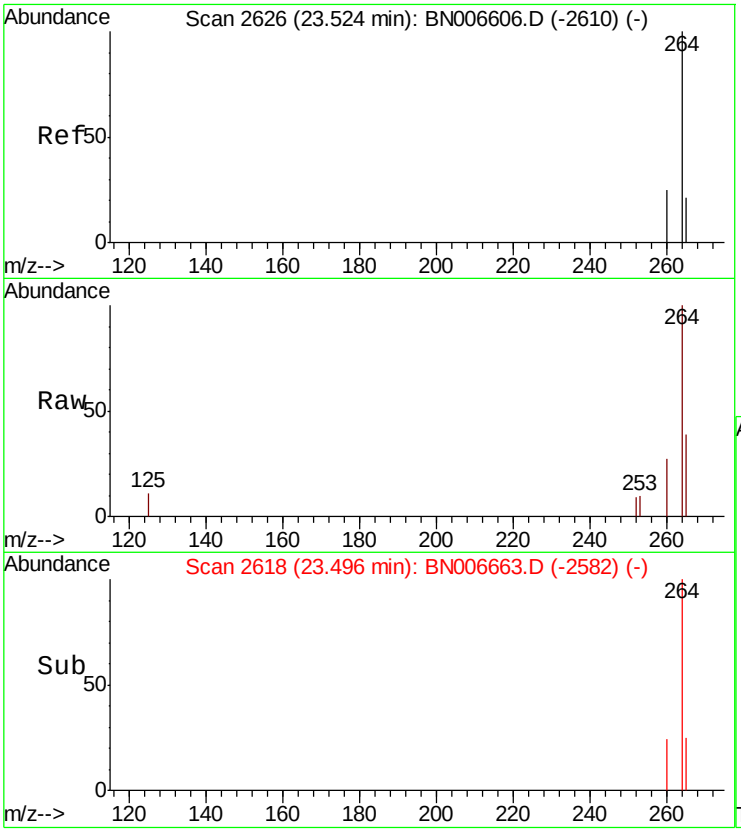


#33
Indeno(1,2,3-cd)pyrene
Concen: 1.219 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.03 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:276 Resp: 84820

Ion	Ratio	Lower	Upper
276	100		
138	21.6	19.3	28.9
277	24.2	19.9	29.9



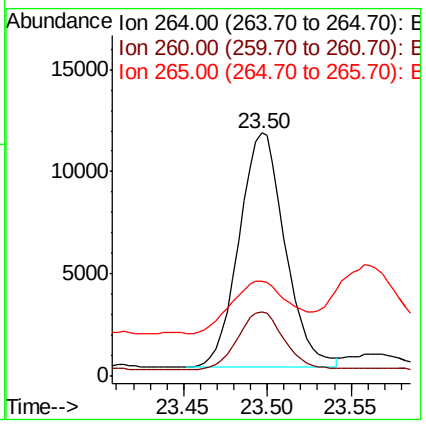


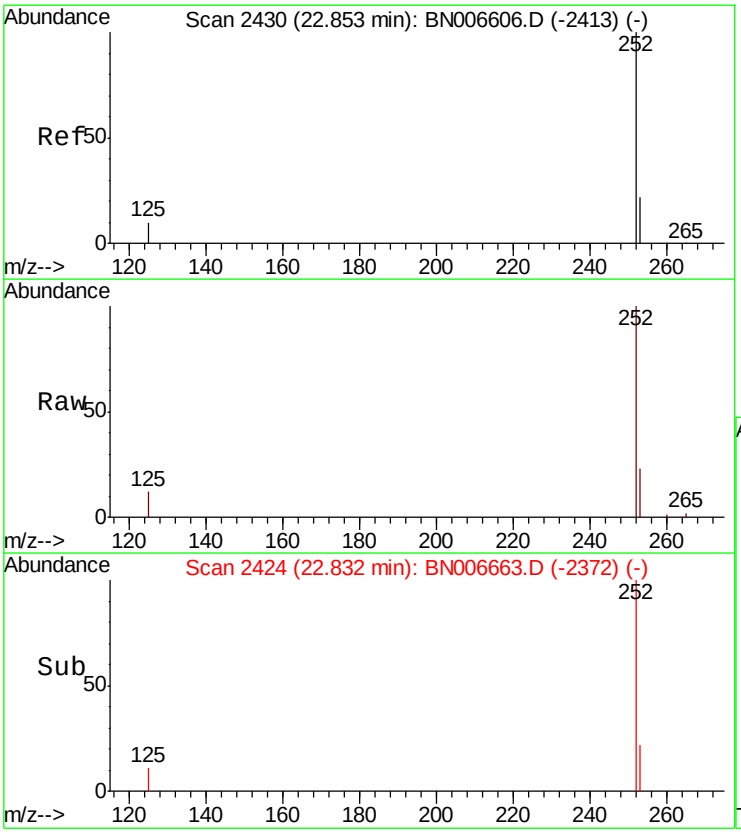
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.50 min Scan# 2618
Delta R.T. -0.03 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:264 Resp: 22042

Ion	Ratio	Lower	Upper
264	100		
260	26.7	20.2	30.2
265	38.9	23.3	34.9#

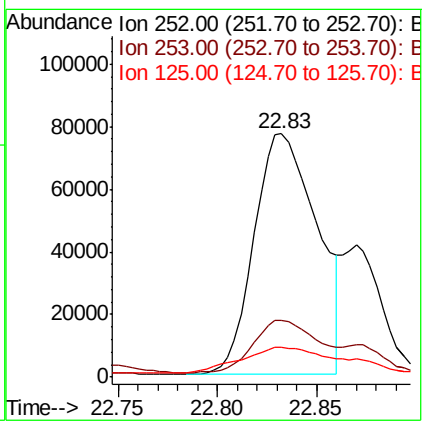


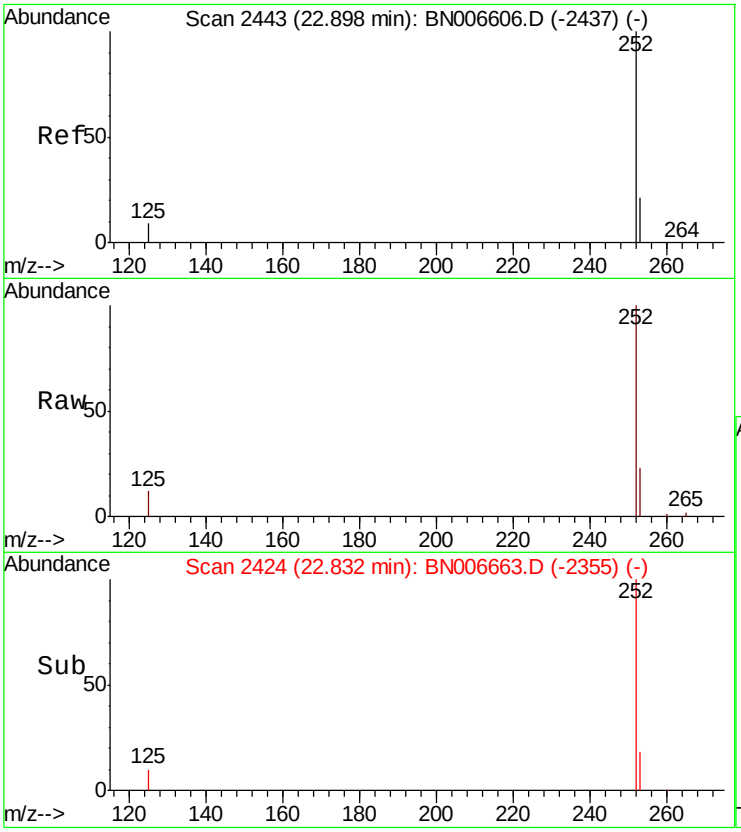


#35
Benzo(b)fluoranthene
Concen: 2.257 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.02 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:252 Resp: 169191

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	12.2	8.7	13.1



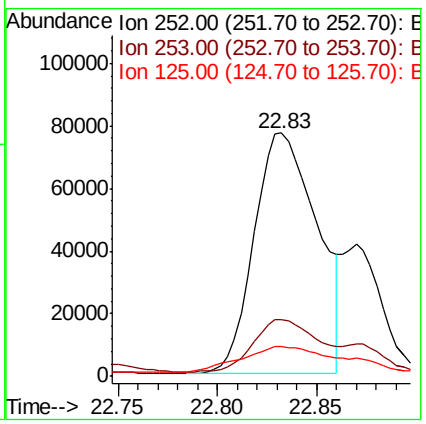


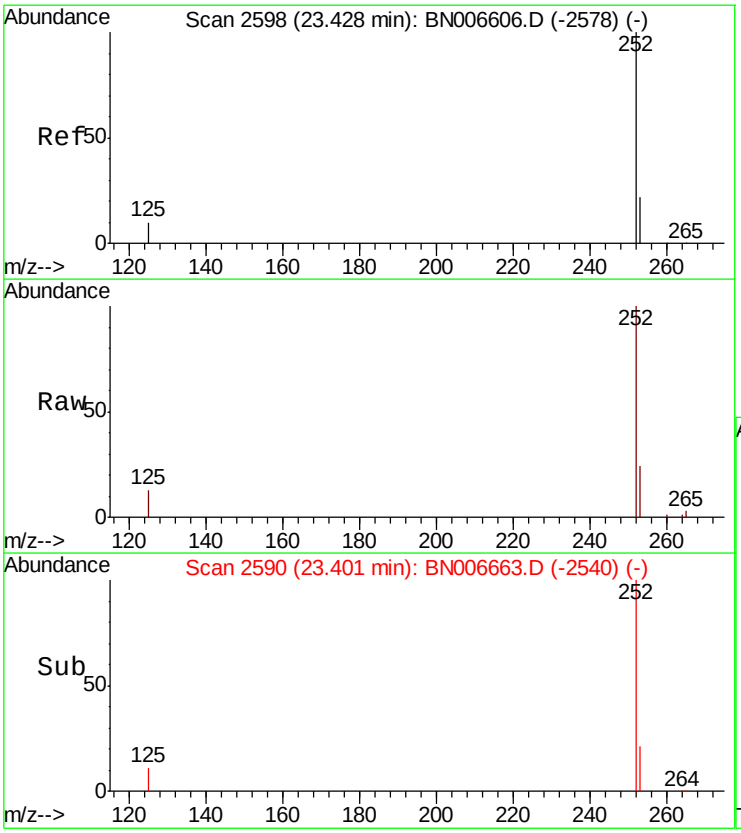
#36
Benzo(k)fluoranthene
Concen: 2.117 ng
RT: 22.83 min Scan# 2424
Delta R.T. -0.07 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:252 Resp: 169191

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.3	27.5
125	12.2	8.4	12.6

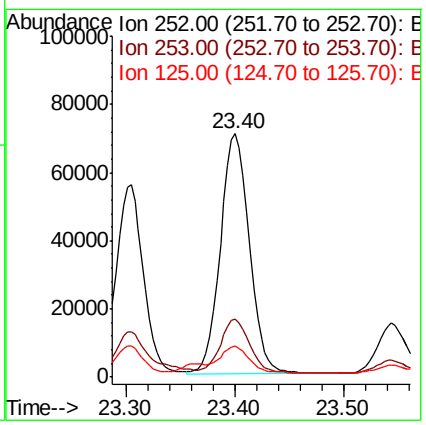


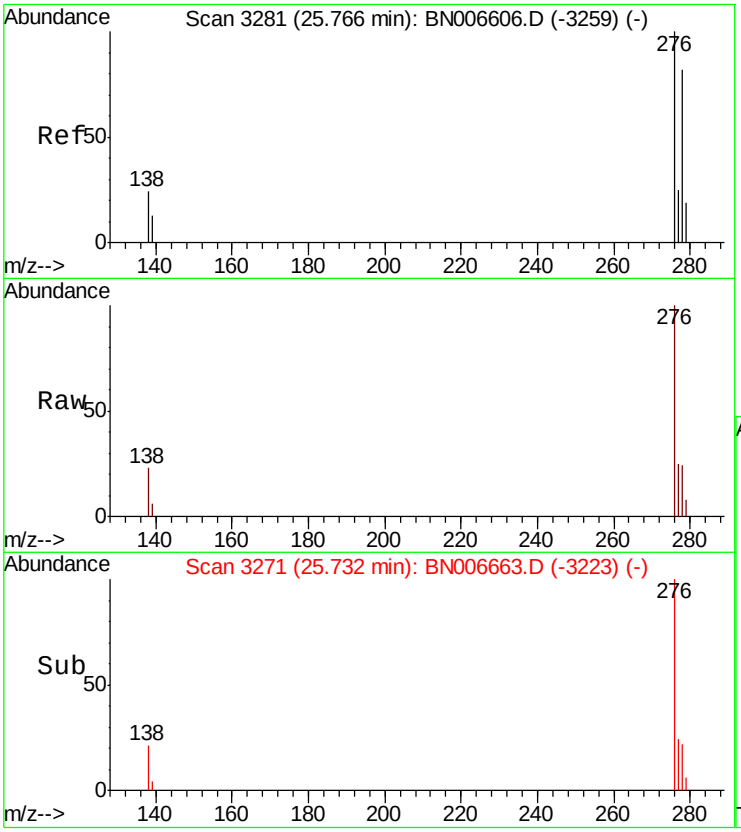


#37
Benzo(a)pyrene
Concen: 1.850 ng
RT: 23.40 min Scan# 2590
Delta R.T. -0.03 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:252 Resp: 129674

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.8	28.2
125	12.6	9.4	14.2



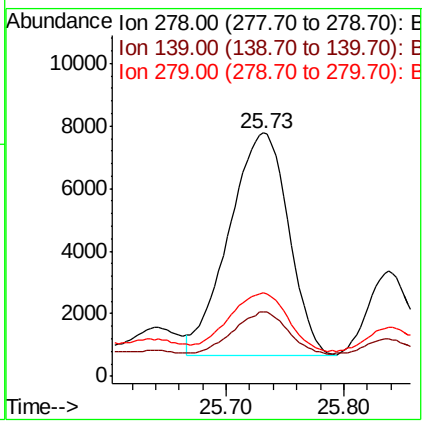


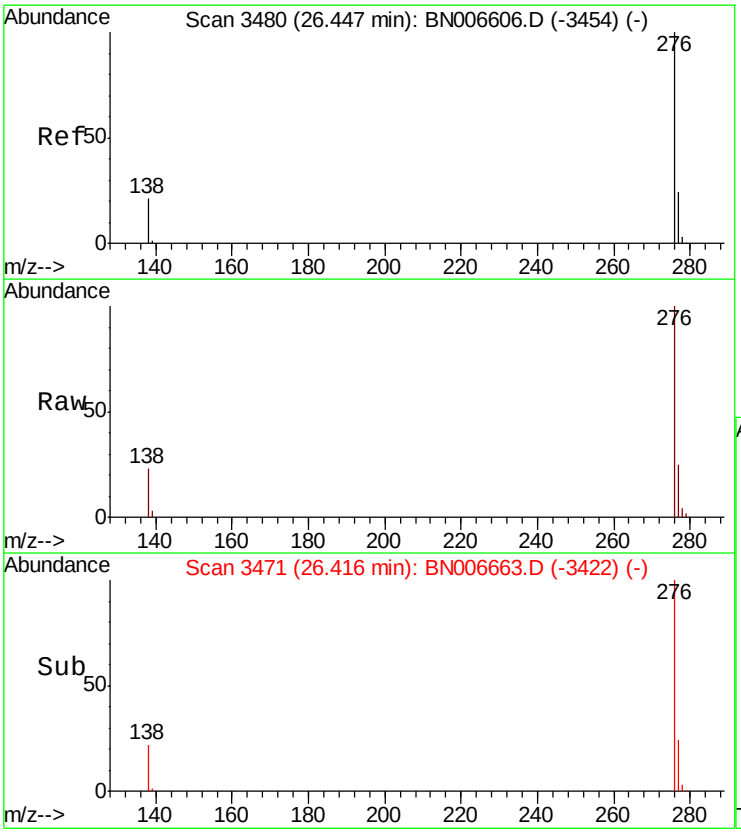
#38
Dibenzo(a,h)anthracene
Concen: 0.406 ng
RT: 25.73 min Scan# 3271
Delta R.T. -0.03 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Instrument :
BNA_N
ClientSampleId :
PST-029-SW108-062019

Tgt Ion:278 Resp: 24878

Ion	Ratio	Lower	Upper
278	100		
139	26.6	13.5	20.3#
279	34.3	19.4	29.2#





#39
Benzo(g,h,i)perylene
Concen: 1.490 ng
RT: 26.42 min Scan# 3471
Delta R.T. -0.03 min
Lab File: BN006663.D
Acq: 01 Jul 2019 16:29

Tgt Ion:276 Resp: 91093

Ion	Ratio	Lower	Upper
276	100		
277	24.8	19.6	29.4
138	23.0	17.7	26.5