Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100288.D
Acq On : 2 Jul 2019 5:58
Operator : JU/SJ
Sample : K3448-08DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-007-SW048-061819DL

Quant Time: Jul 02 07:00:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	1001	0.40	ng		0.00
7) Naphthalene-d8	10.45	136	3490	0.40	ng		0.00
13) Acenaphthene-d10	14.33	164	2641	0.40	ng		0.02
19) Phenanthrene-d10	17.07	188	7327	0.40	ng		0.01
27) Chrysene-d12	21.24	240	9045	0.40	ng		0.00
34) Perylene-d12	23.68	264	10628	0.40	ng		0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	155	0.06	ng		0.01
5) Phenol-d6	6.85	99	192	0.06	ng		0.01
8) Nitrobenzene-d5	8.82	82	188	0.05	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	393	0.06	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	121	0.07	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	632	0.06	ng		0.00
25) Fluoranthene-d10	19.10	212	6118	0.06	ng		0.00
29) Terphenyl-d14	19.70	244	1639	0.09	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.48	128	1112	0.029	ng	#	84
16) Acenaphthylene	14.04	152	965	0.076	ng		97
17) Acenaphthene	14.39	154	266	0.037	ng		95
18) Fluorene	15.37	166	533	0.050	ng	#	91
23) Phenanthrene	17.11	178	19098	1.075	ng		100
24) Anthracene	17.20	178	3945	0.247	ng		98
26) Fluoranthene	19.13	202	61889	2.188	ng		99
28) Pyrene	19.49	202	60130	2.511	ng		96
30) Benzo(a)anthracene	21.23	228	42554	1.431	ng		97
31) Chrysene	21.28	228	35682	1.195	ng		95
33) Indeno(1,2,3-cd)pyrene	26.24	276	22196	0.562	ng	#	96
35) Benzo(b)fluoranthene	22.93	252	46691	1.620	ng		97
36) Benzo(k)fluoranthene	22.93	252	46691	1.452	ng	#	95
37) Benzo(a)pyrene	23.46	252	23640	0.819	ng		97
38) Dibenzo(a,h)anthracene	26.25	278	5164	0.171	ng	#	65
39) Benzo(g,h,i)perylene	27.04	276	21348	0.689	ng		93

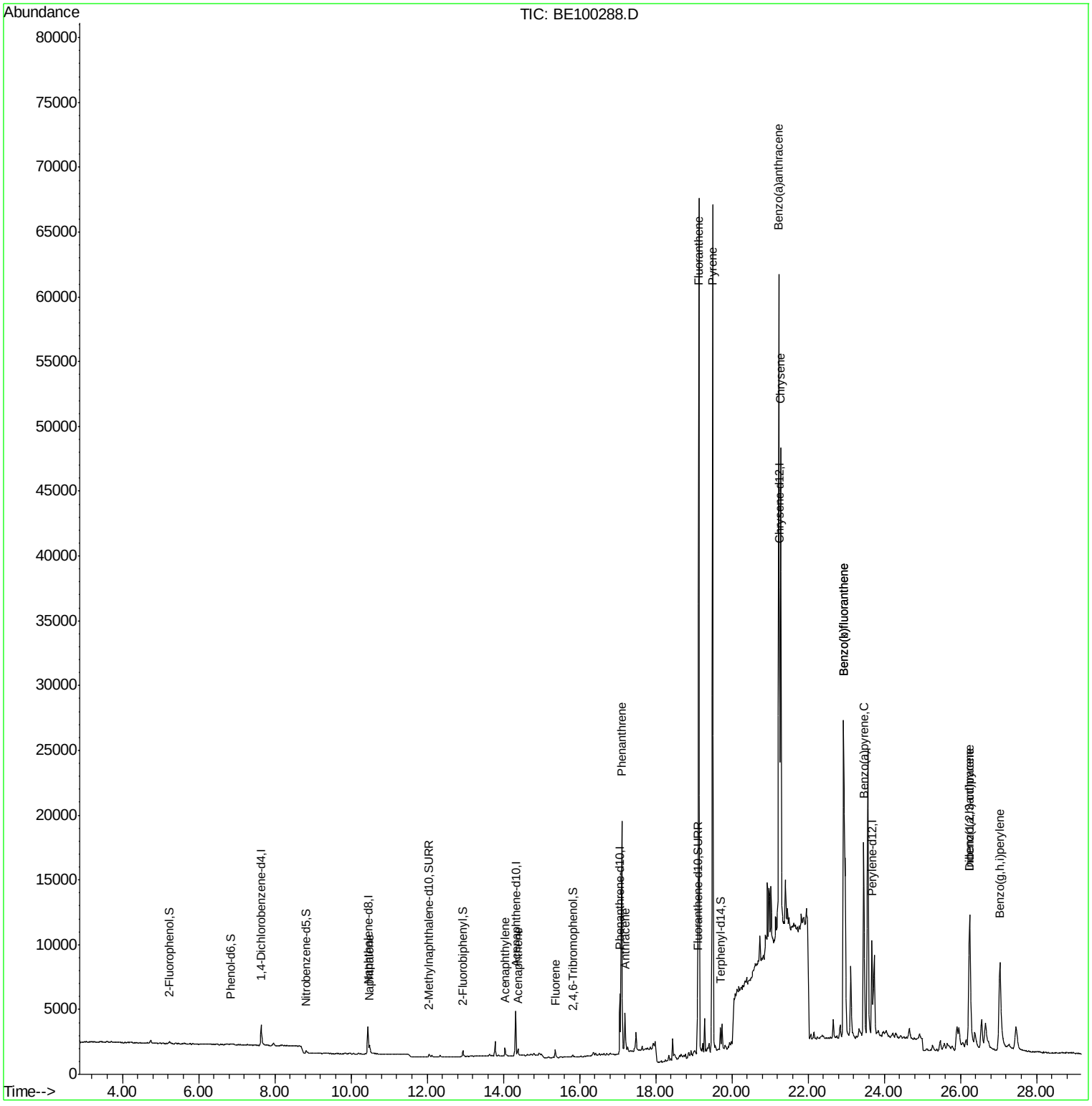
(#) = qualifier out of range (m) = manual integration (+) = signals summed

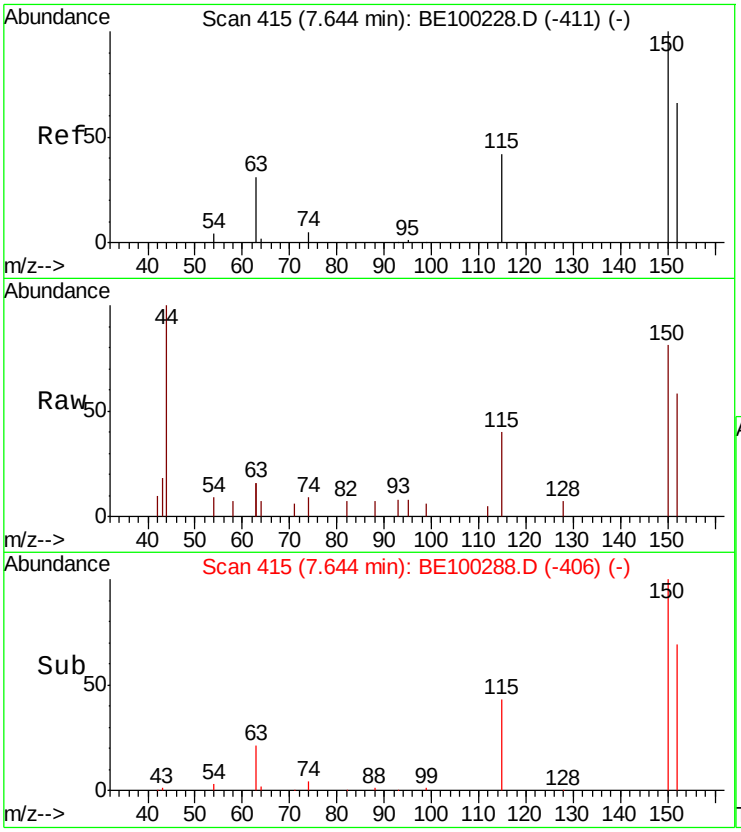
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070119\
Data File : BE100288.D
Acq On : 2 Jul 2019 5:58
Operator : JU/SJ
Sample : K3448-08DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Quant Time: Jul 02 07:00:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
Response via : Initial Calibration



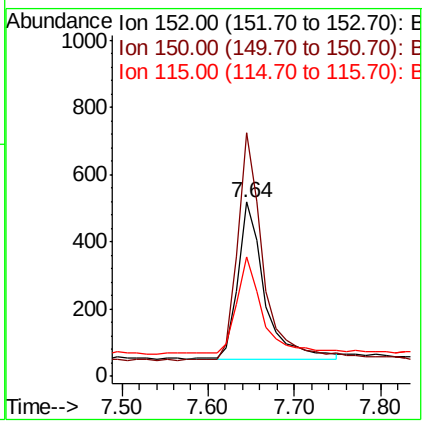


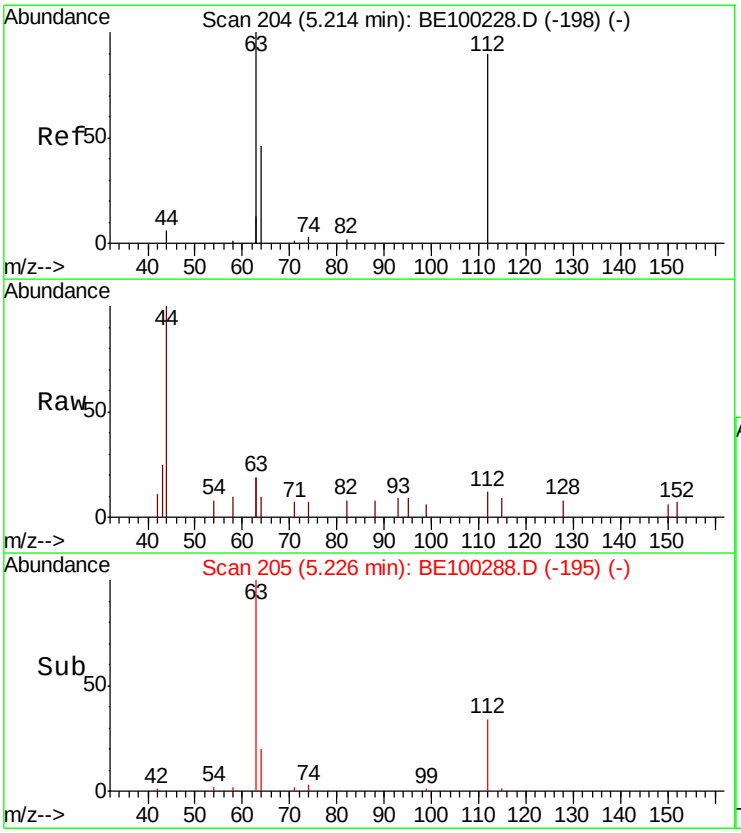
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:152 Resp: 1001

Ion	Ratio	Lower	Upper
152	100		
150	139.7	114.5	171.7
115	68.2	57.1	85.7

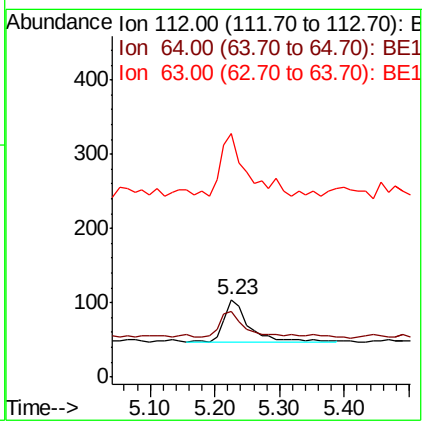


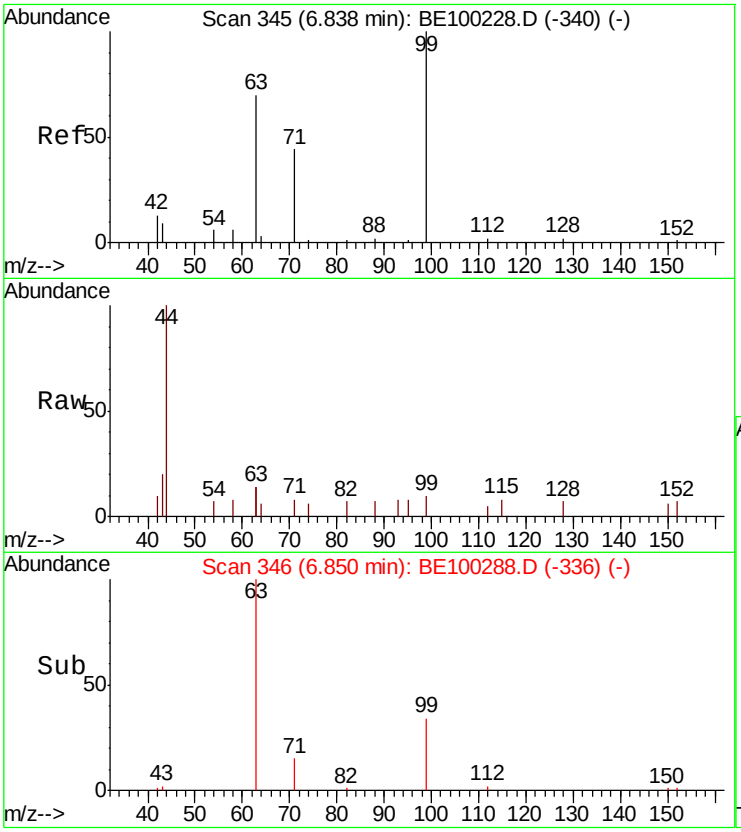


#4
2-Fluorophenol
Concen: 0.061 ng
RT: 5.23 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:112 Resp: 155

Ion	Ratio	Lower	Upper
112	100		
64	60.0	39.4	59.0#
63	147.7	104.5	156.7



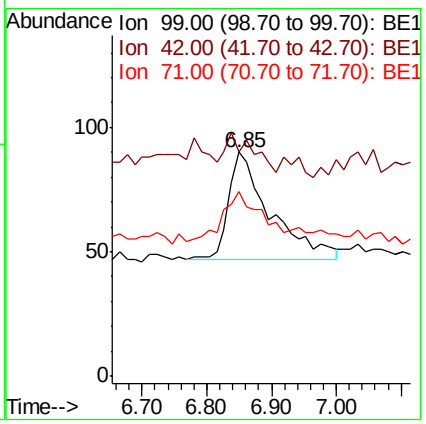


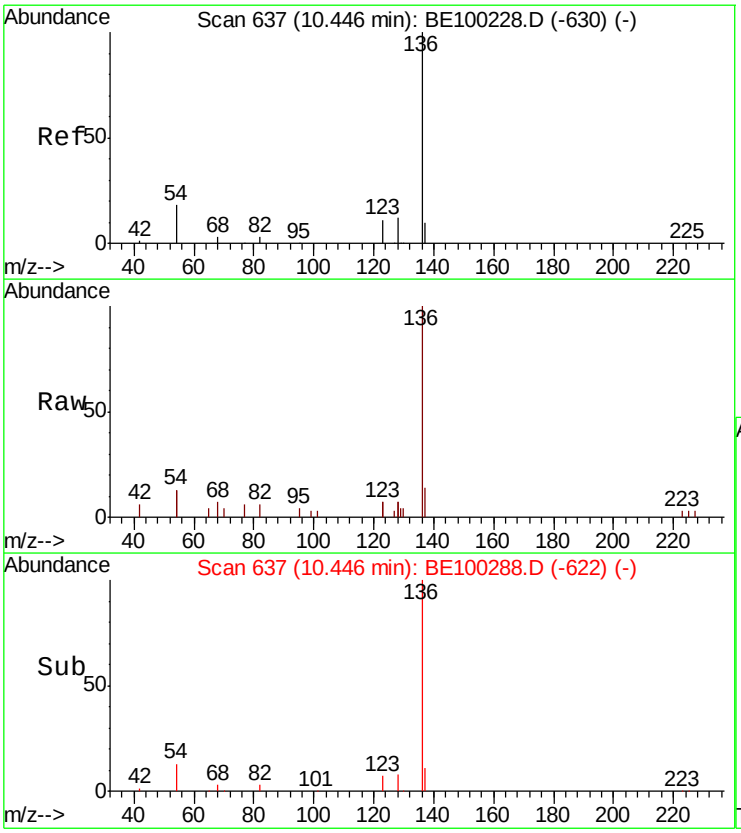
#5
Phenol-d6
Concen: 0.057 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion: 99 Resp: 192

Ion	Ratio	Lower	Upper
99	100		
42	22.9	11.2	16.8#
71	44.8	37.2	55.8

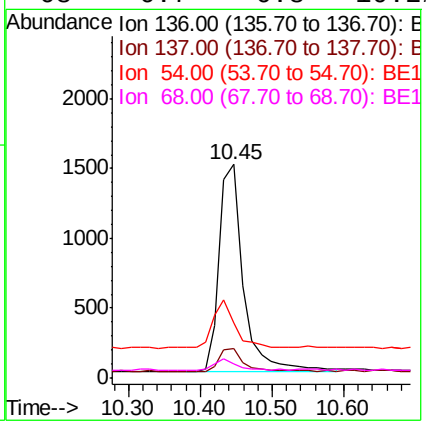


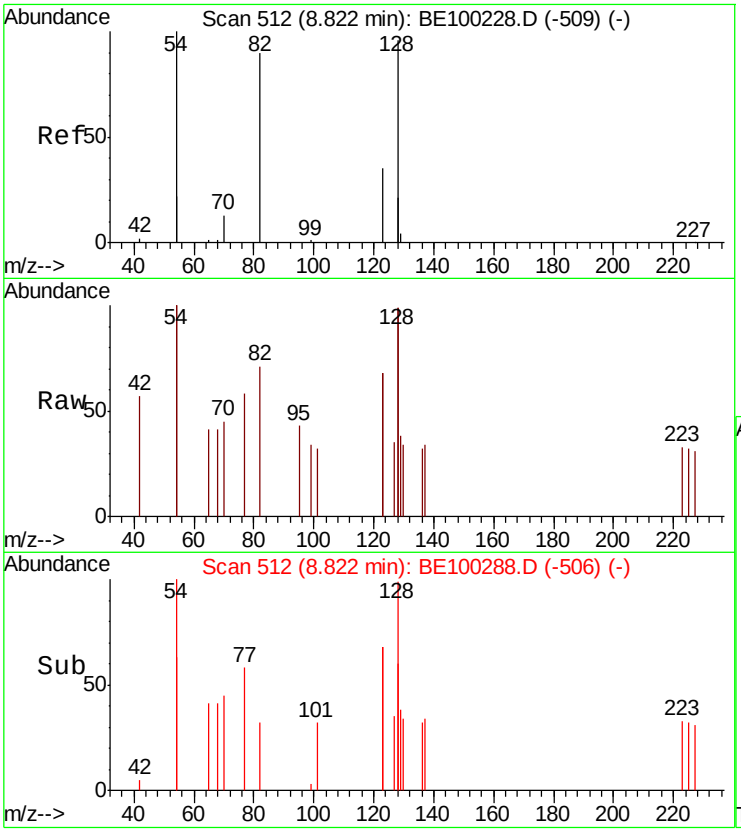


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:136 Resp: 3490

Ion	Ratio	Lower	Upper
136	100		
137	13.7	11.8	17.8
54	25.9	27.7	41.5#
68	6.7	6.8	10.2#



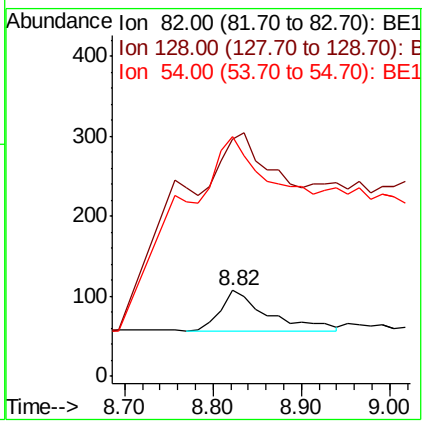


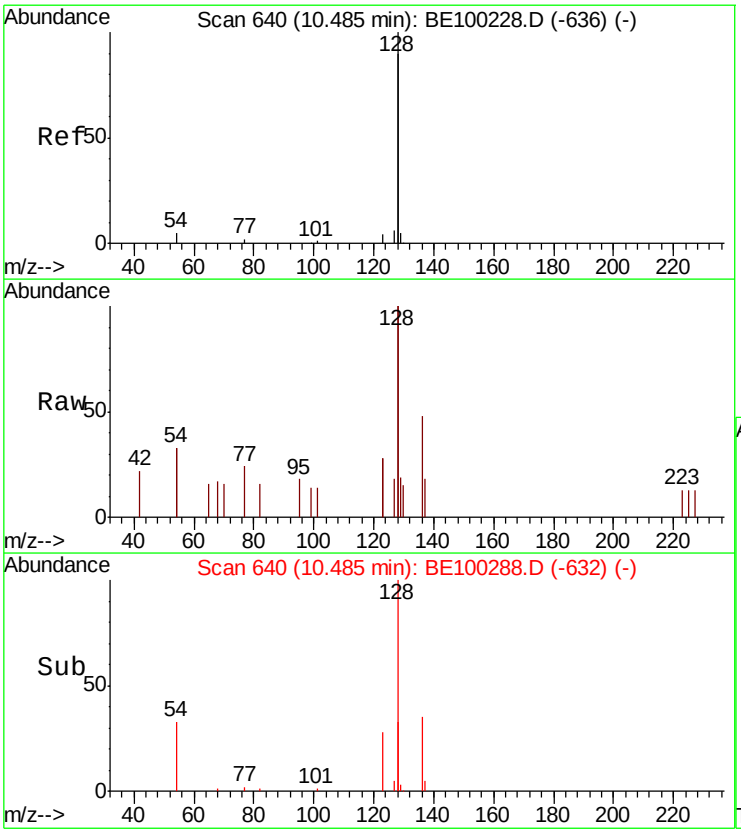
#8
Nitrobenzene-d5
Concen: 0.054 ng
RT: 8.82 min Scan# 512
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion: 82 Resp: 188

Ion	Ratio	Lower	Upper
82	100		
128	276.6	140.9	211.3#
54	280.4	146.2	219.2#

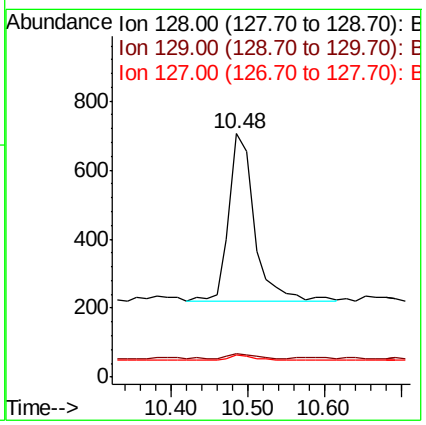


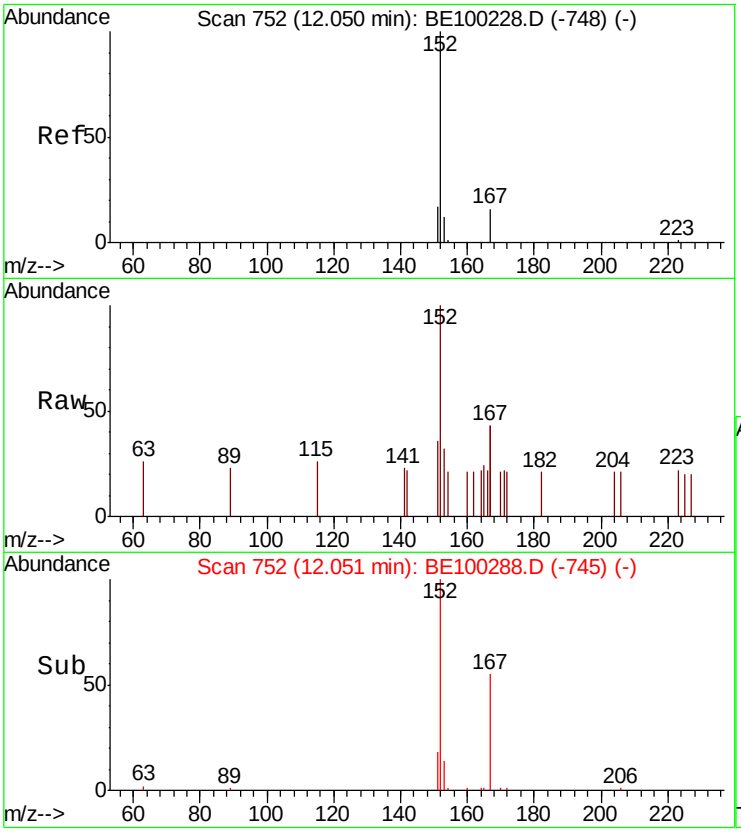


#9
Naphthalene
Concen: 0.029 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:128 Resp: 1112

Ion	Ratio	Lower	Upper
128	100		
129	9.6	3.0	4.6#
127	9.2	3.5	5.3#



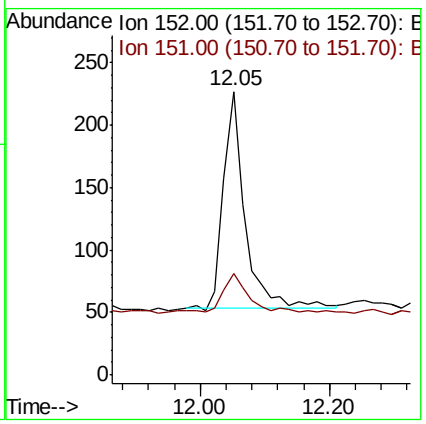


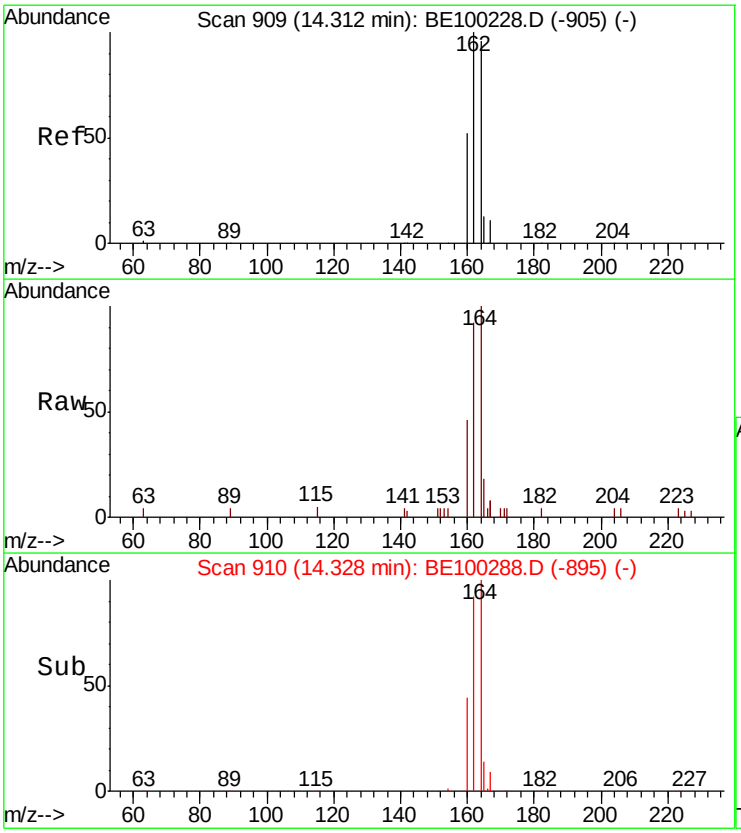
#11
2-Methylnaphthalene-d10
Concen: 0.060 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:152 Resp: 393

Ion	Ratio	Lower	Upper
152	100		
151	26.2	15.1	22.7#

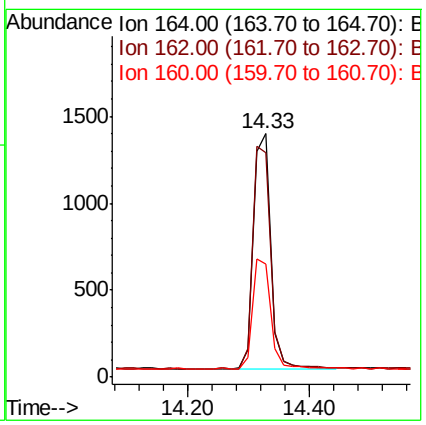


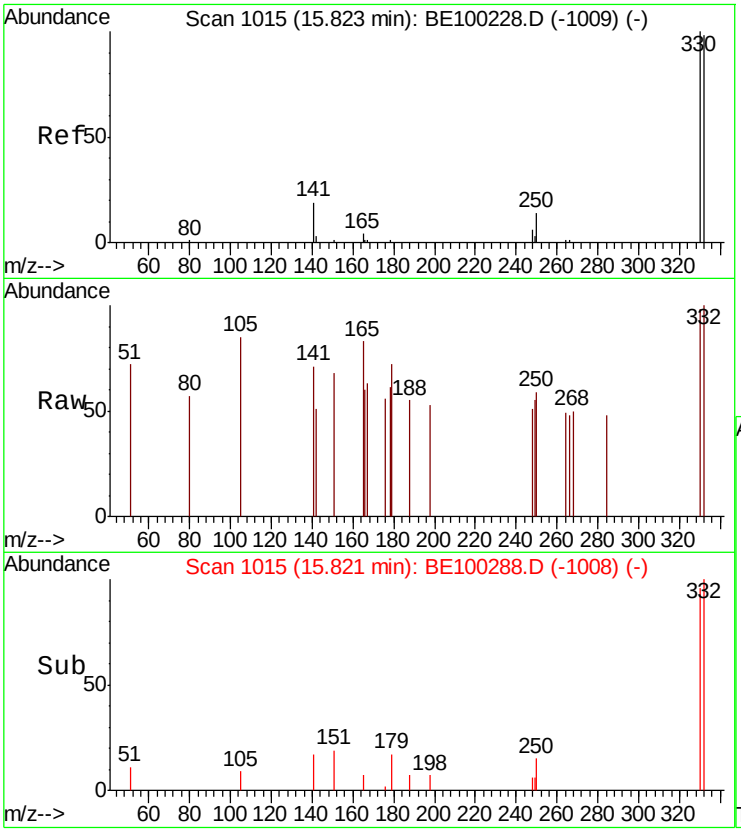


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.02 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:164 Resp: 2641

Ion	Ratio	Lower	Upper
164	100		
162	92.3	83.4	125.0
160	46.3	45.0	67.6



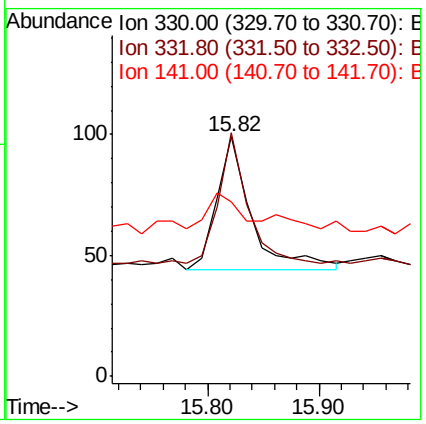


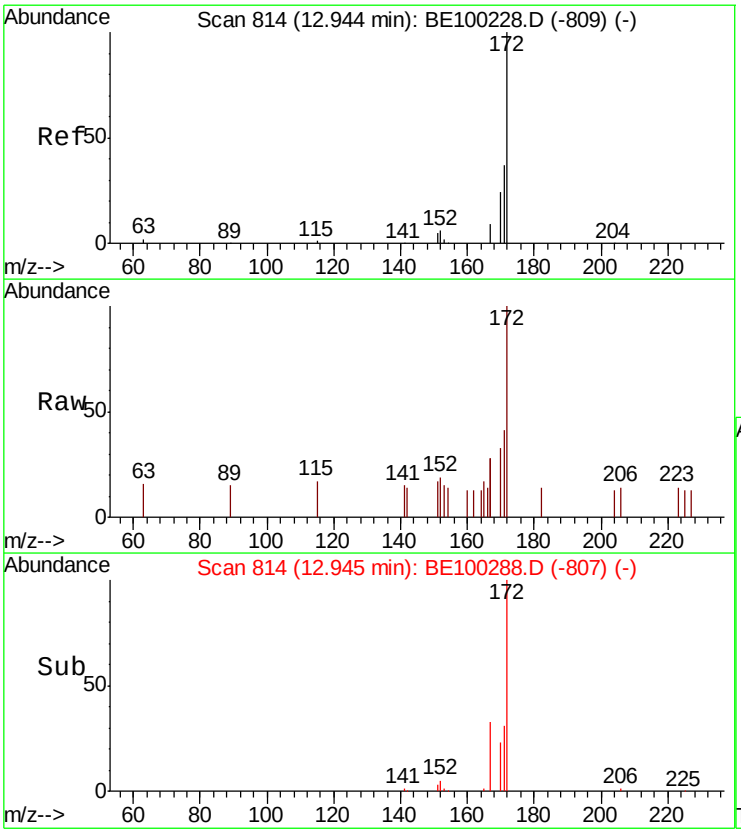
#14
2,4,6-Tribromophenol
Concen: 0.066 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:330 Resp: 121

Ion	Ratio	Lower	Upper
330	100		
332	79.3	77.0	115.4
141	24.0	22.0	33.0

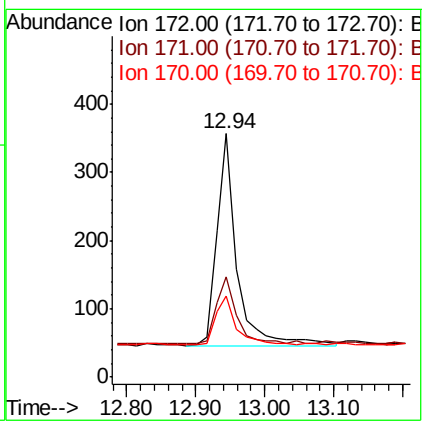


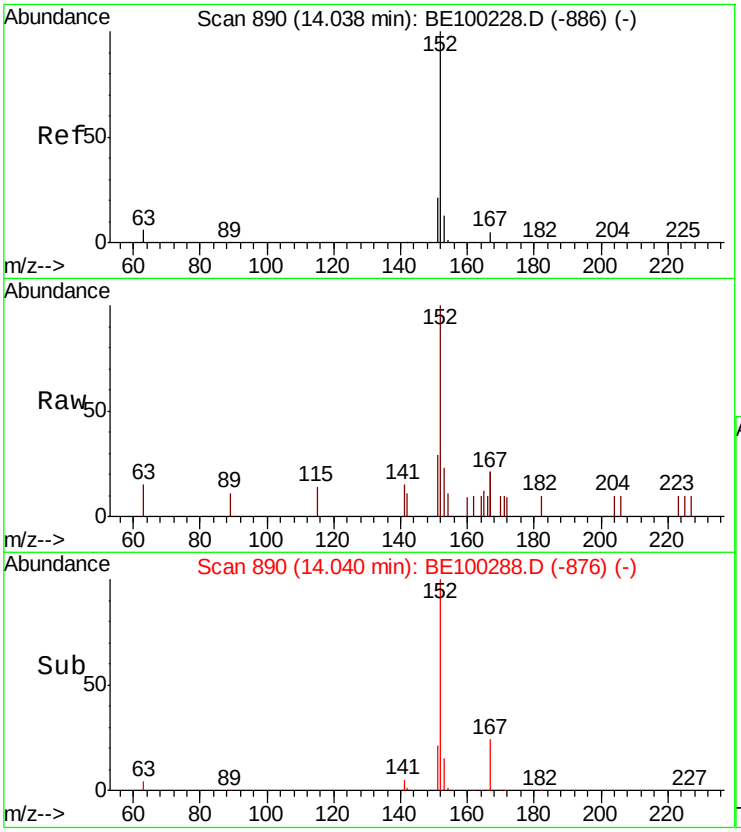


#15
2-Fluorobiphenyl
Concen: 0.061 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:172 Resp: 632

Ion	Ratio	Lower	Upper
172	100		
171	41.2	31.9	47.9
170	33.3	22.2	33.2#



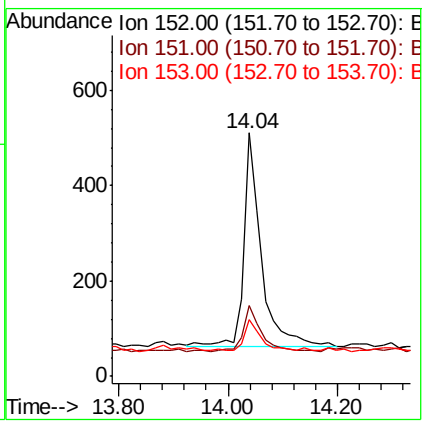


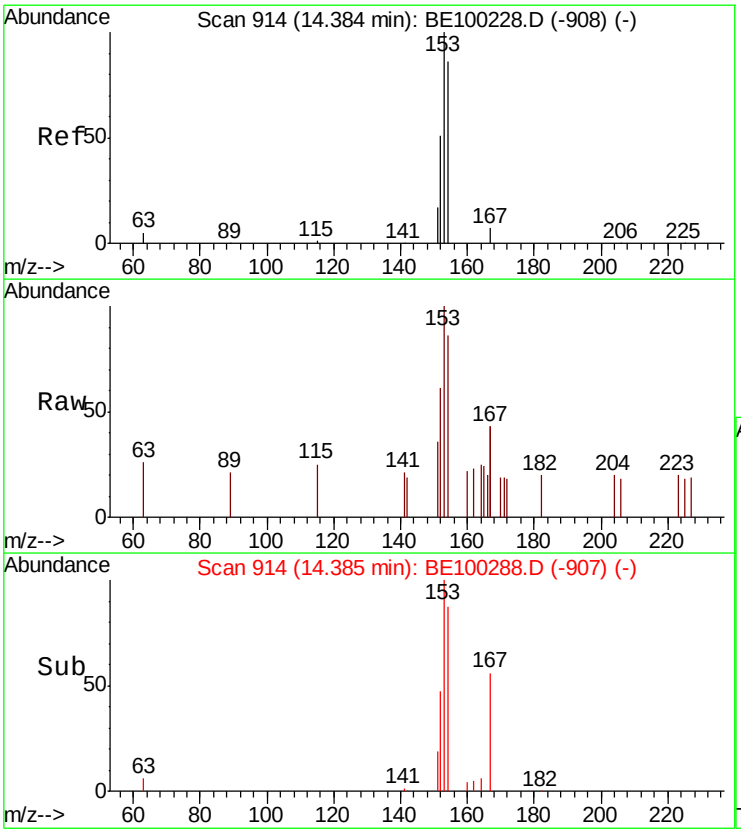
#16
Acenaphthylene
Concen: 0.076 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:152 Resp: 965

Ion	Ratio	Lower	Upper
152	100		
151	22.3	16.6	25.0
153	14.3	10.5	15.7

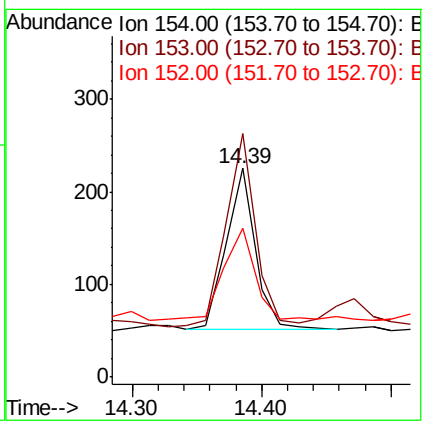


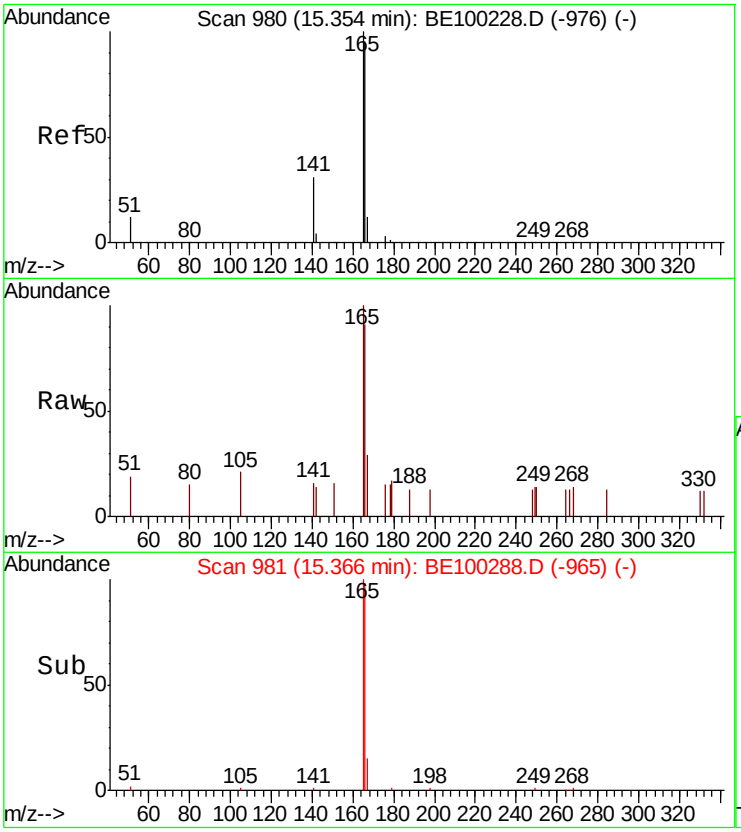


#17
Acenaphthene
Concen: 0.037 ng
RT: 14.39 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:154 Resp: 266

Ion	Ratio	Lower	Upper
154	100		
153	124.4	93.4	140.2
152	60.5	49.4	74.2



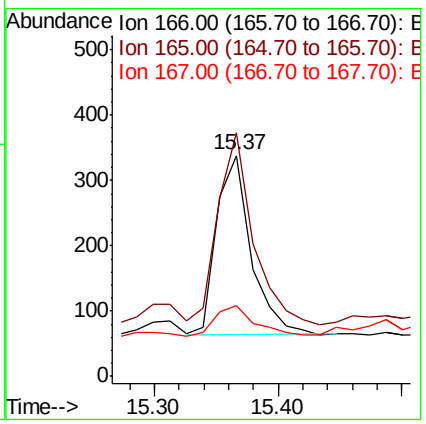


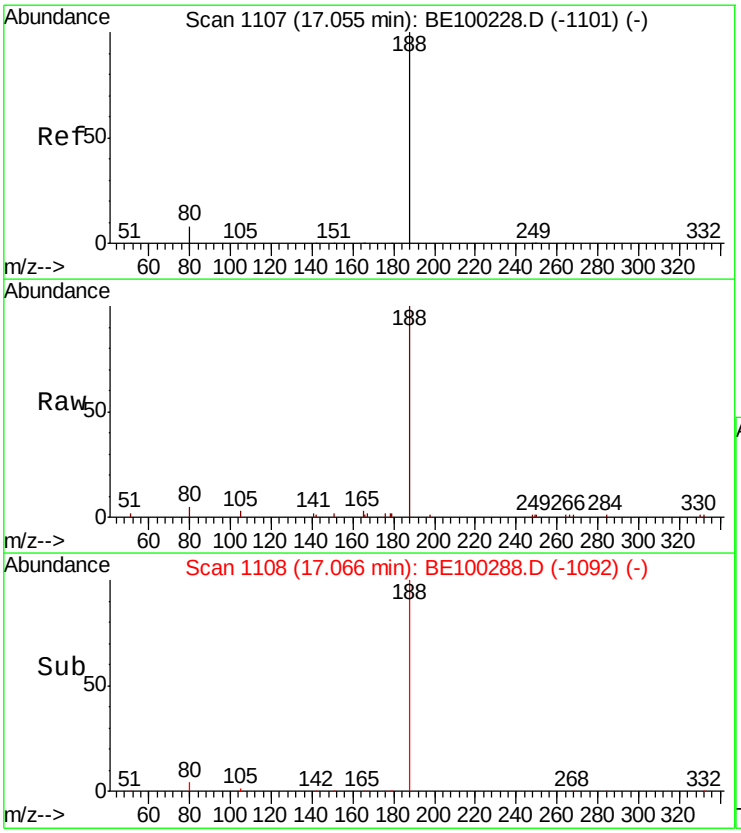
#18
Fluorene
Concen: 0.050 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:166 Resp: 533

Ion	Ratio	Lower	Upper
166	100		
165	109.2	81.1	121.7
167	20.6	10.7	16.1#

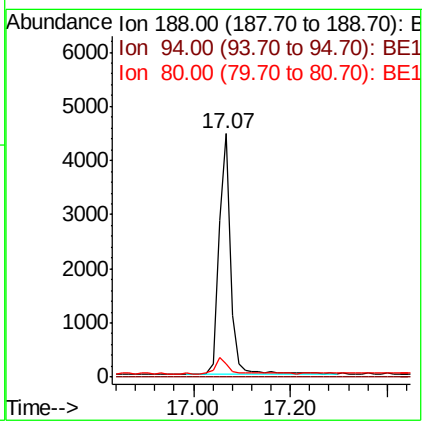


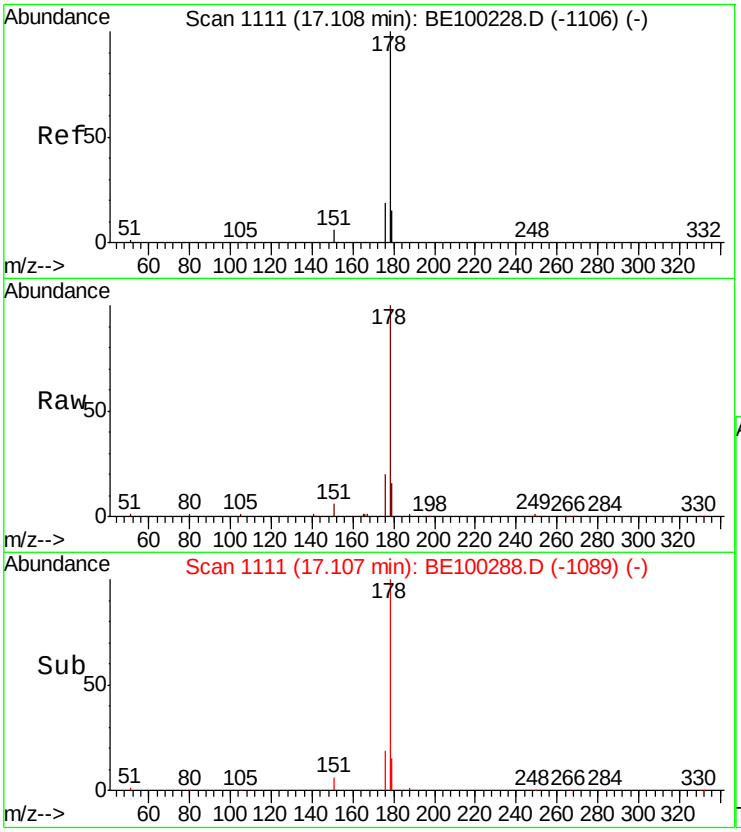


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:188 Resp: 7327

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	5.4	7.6	11.4#



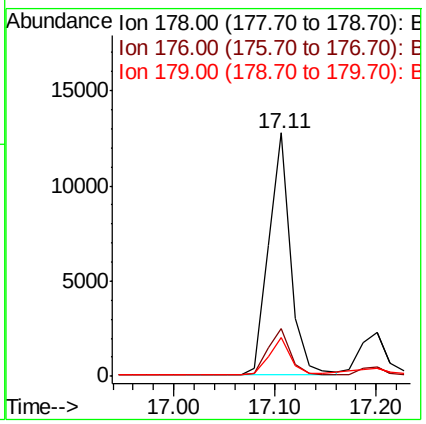


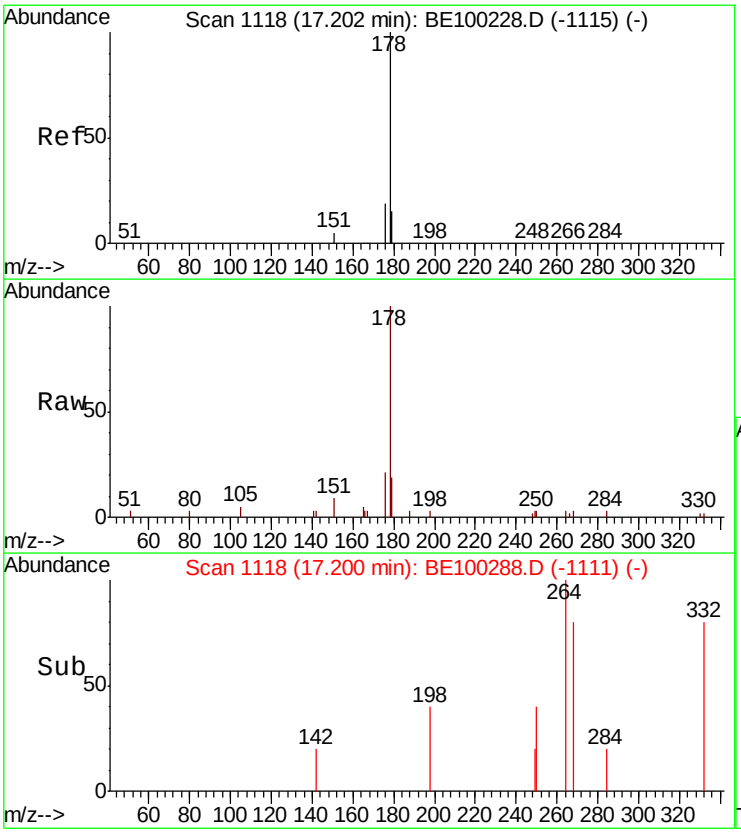
#23
Phenanthrene
Concen: 1.075 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:178 Resp: 19098

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.9	23.9
179	15.5	12.2	18.2

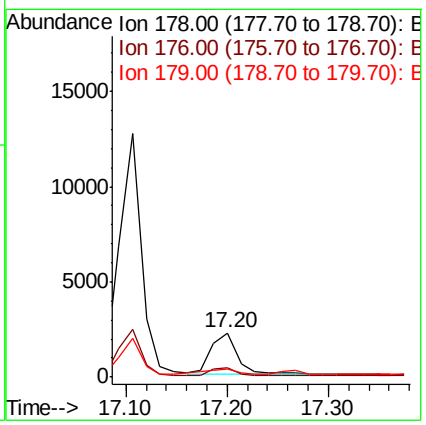


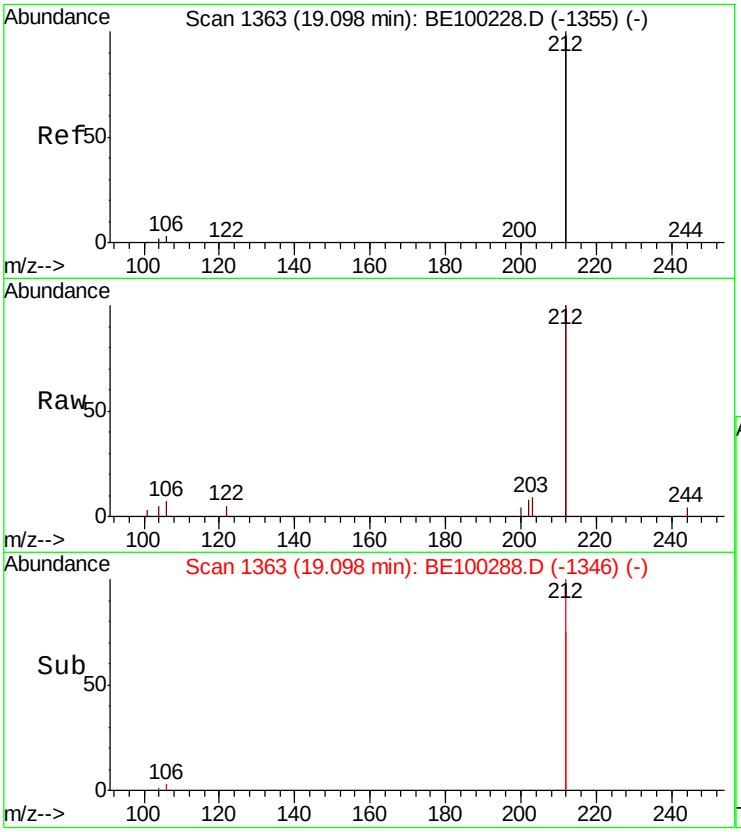


#24
Anthracene
Concen: 0.247 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:178 Resp: 3945

Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.3	22.9
179	17.2	12.2	18.2



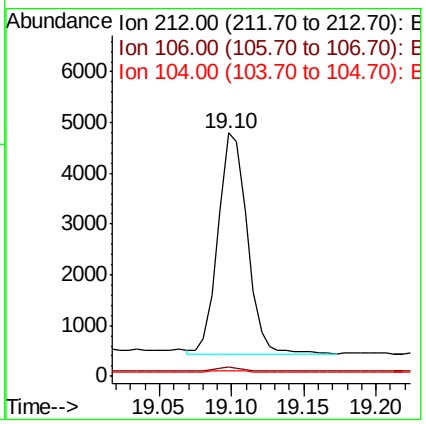


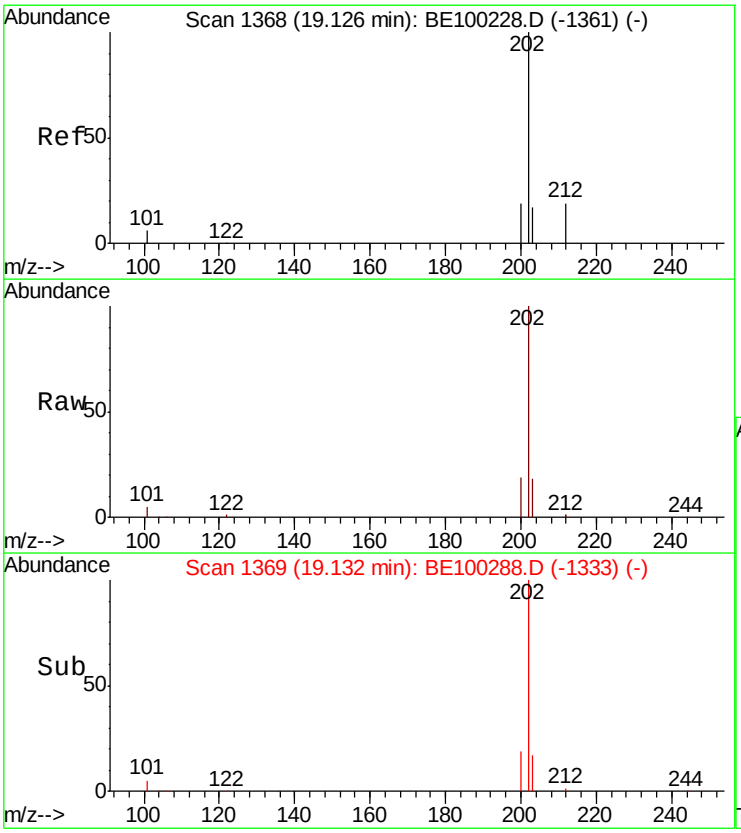
#25
Fluoranthene-d10
Concen: 0.058 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:212 Resp: 6118

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.3	1.9
104	1.0	0.8	1.2

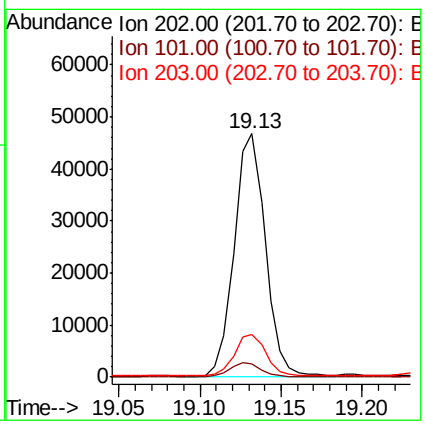


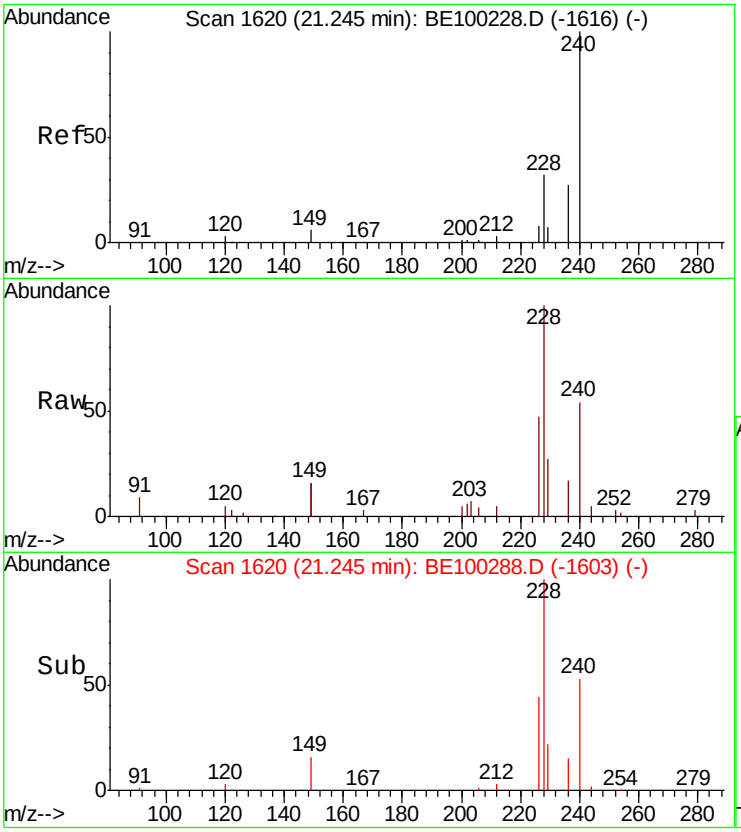


#26
Fluoranthene
Concen: 2.188 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:202 Resp: 61889

Ion	Ratio	Lower	Upper
202	100		
101	5.6	4.6	7.0
203	17.4	13.7	20.5



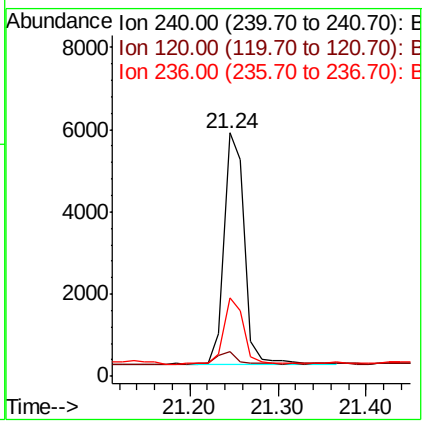


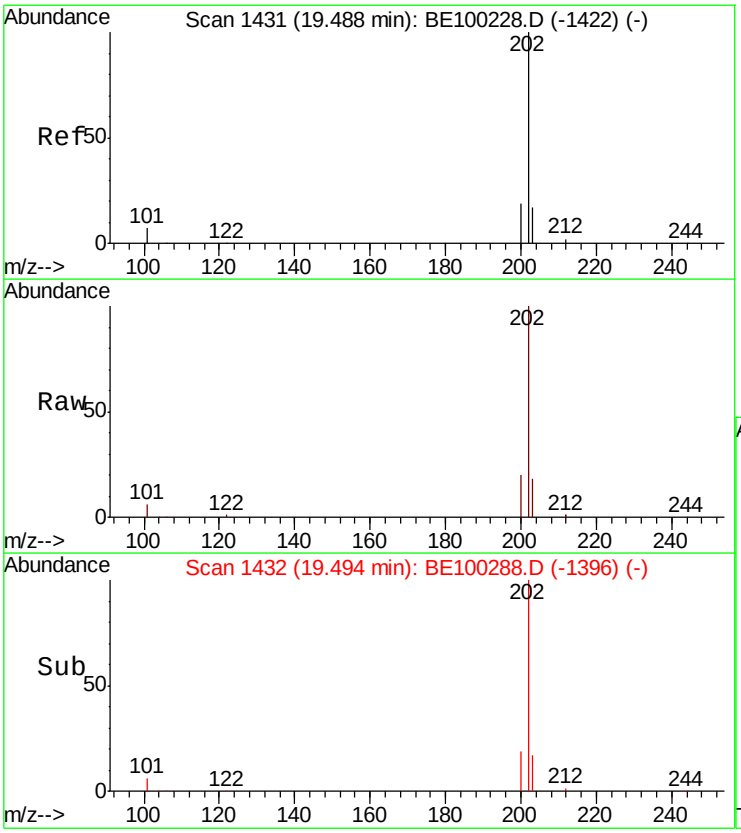
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:240 Resp: 9045

Ion	Ratio	Lower	Upper
240	100		
120	10.0	3.3	4.9#
236	32.2	22.6	34.0

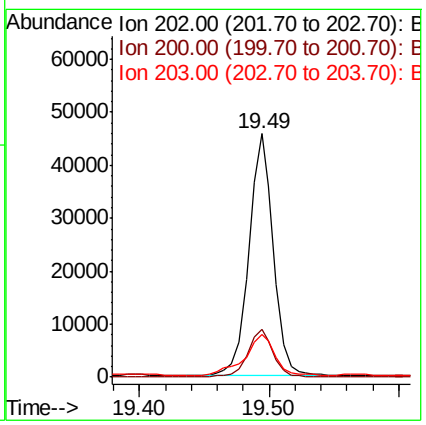


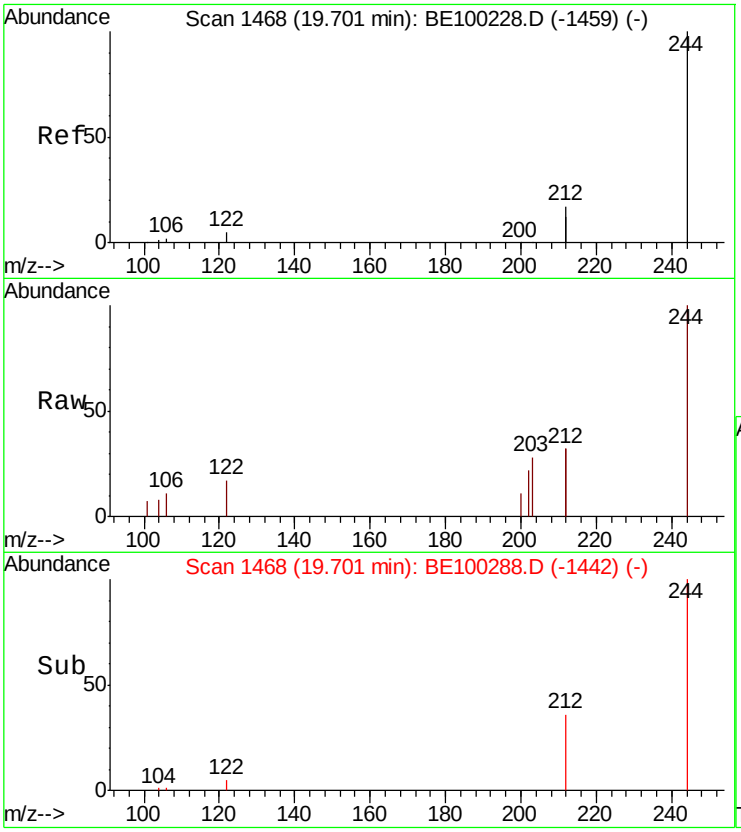


#28
Pyrene
Concen: 2.511 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:202 Resp: 60130

Ion	Ratio	Lower	Upper
202	100		
200	19.7	15.6	23.4
203	20.9	14.0	21.0



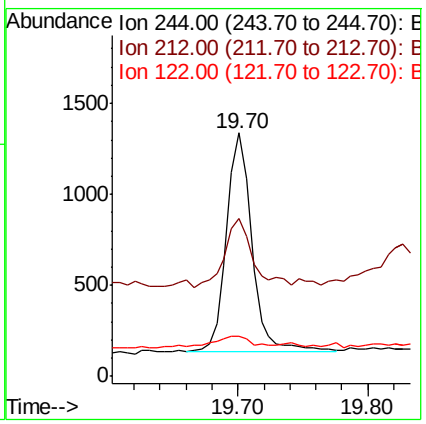


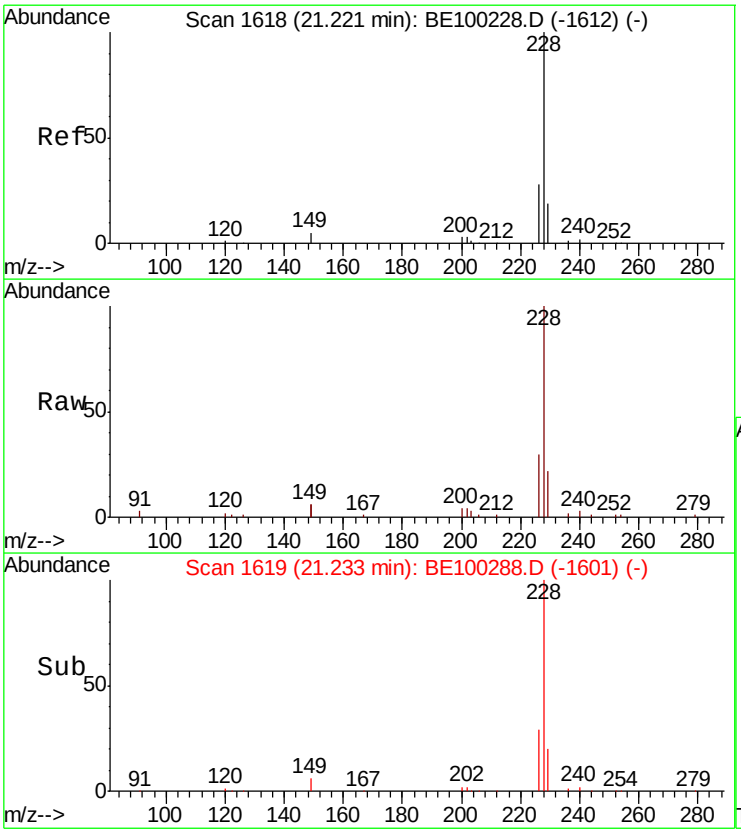
#29
Terphenyl-d14
Concen: 0.087 ng
RT: 19.70 min Scan# 1468
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:244 Resp: 1639

Ion	Ratio	Lower	Upper
244	100		
212	64.6	27.3	40.9#
122	16.6	4.7	7.1#

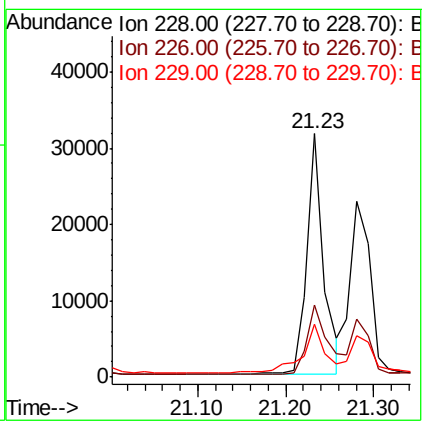


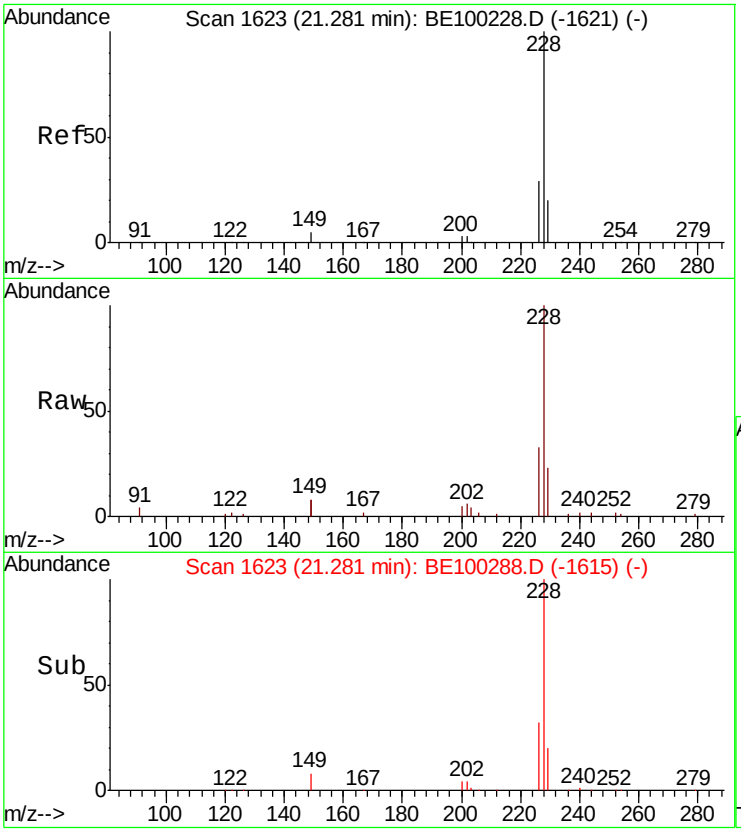


#30
Benzo(a)anthracene
Concen: 1.431 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:228 Resp: 42554

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.2	34.8
229	21.8	15.7	23.5



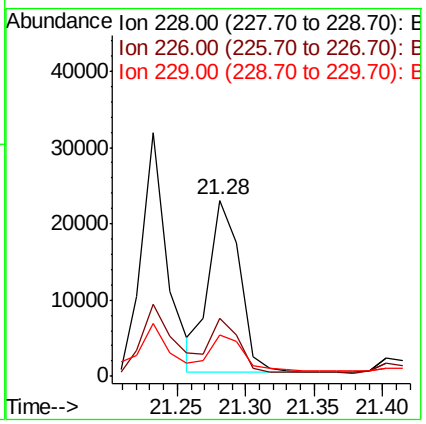


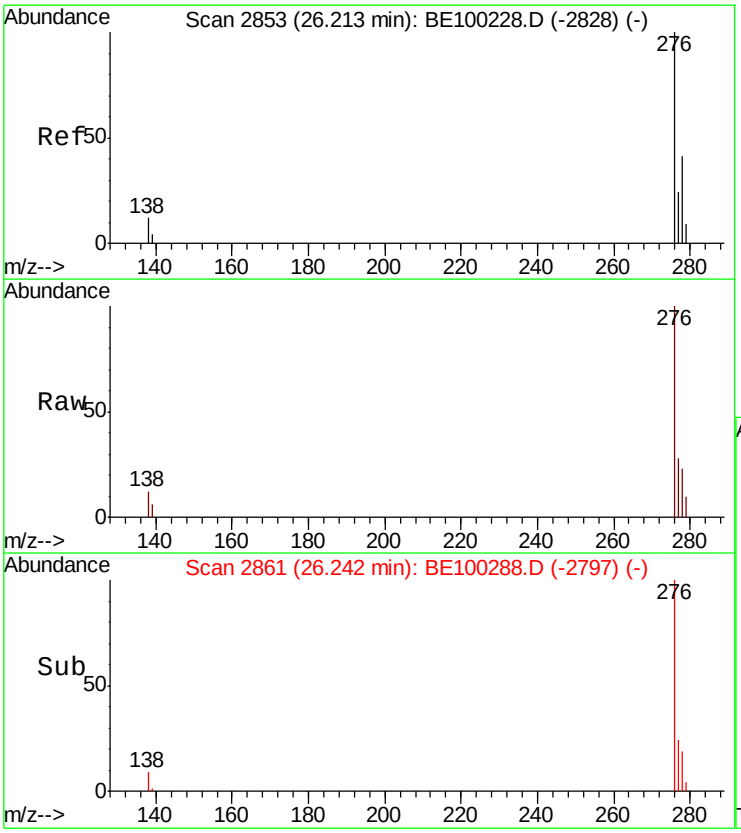
#31
Chrysene
Concen: 1.195 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:228 Resp: 35682

Ion	Ratio	Lower	Upper
228	100		
226	32.8	23.9	35.9
229	23.3	16.5	24.7

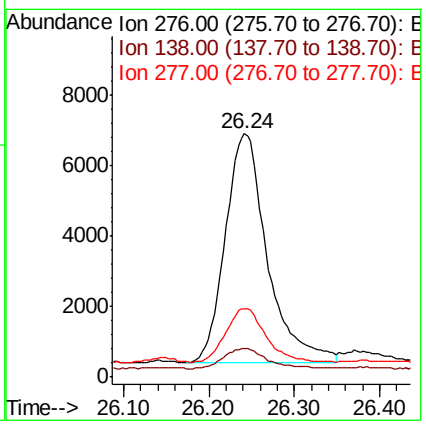


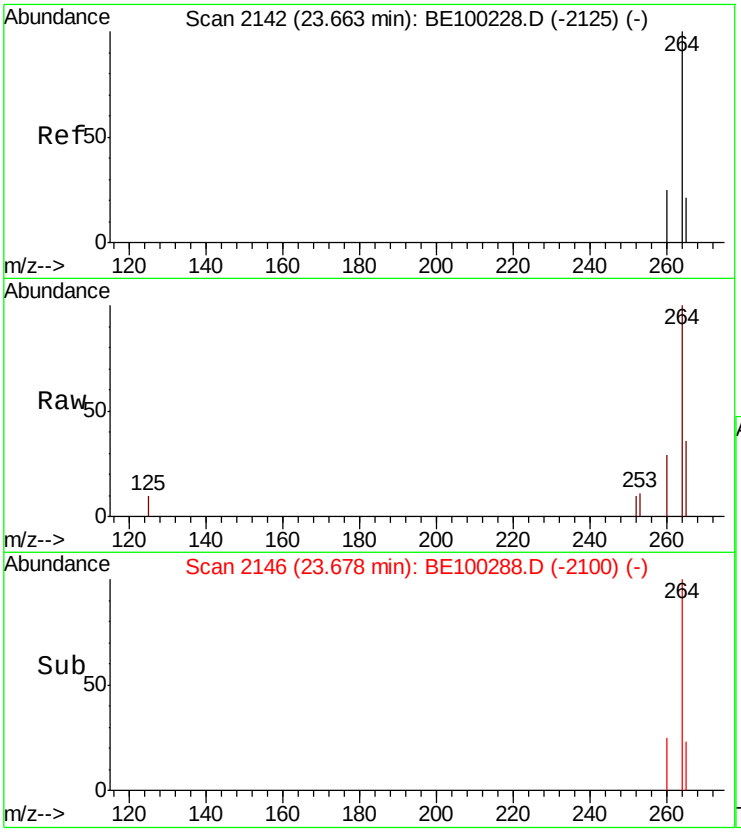


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.562 ng
RT: 26.24 min Scan# 2861
Delta R.T. 0.03 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:276 Resp: 22196

Ion	Ratio	Lower	Upper
276	100		
138	9.3	9.4	14.0#
277	22.8	19.2	28.8



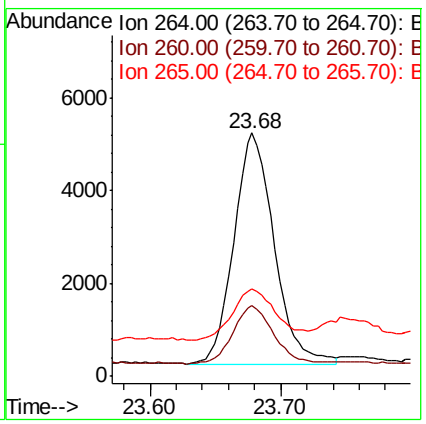


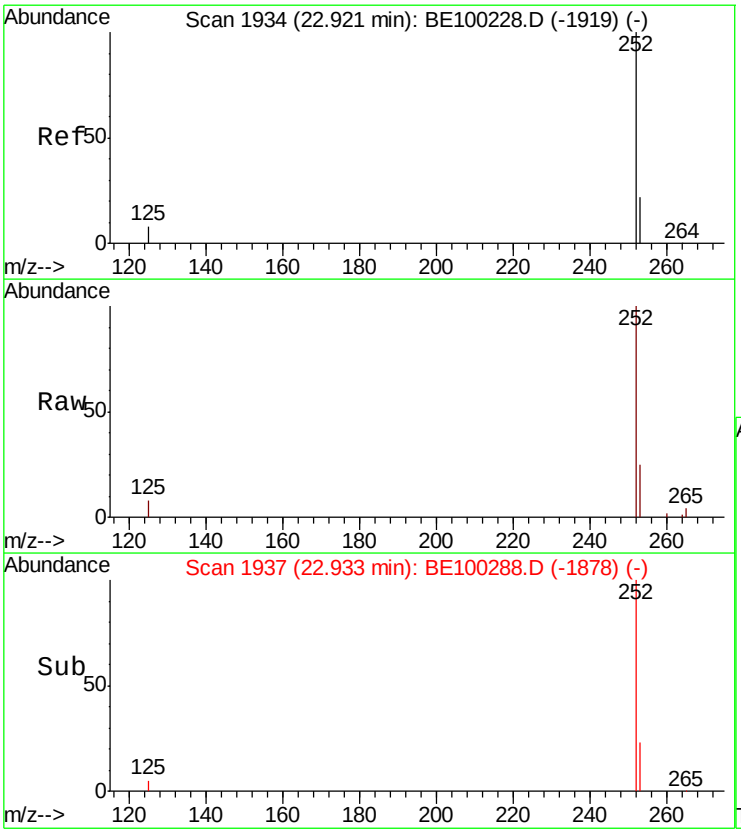
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. 0.02 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:264 Resp: 10628

Ion	Ratio	Lower	Upper
264	100		
260	28.9	20.8	31.2
265	36.1	21.8	32.6#

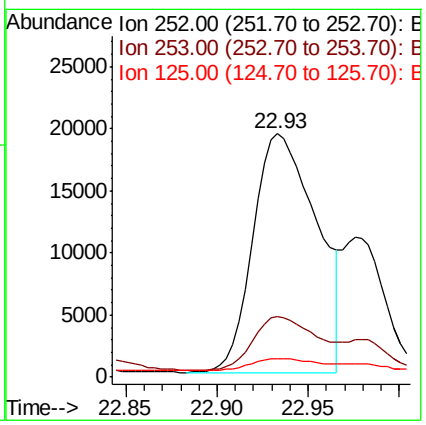


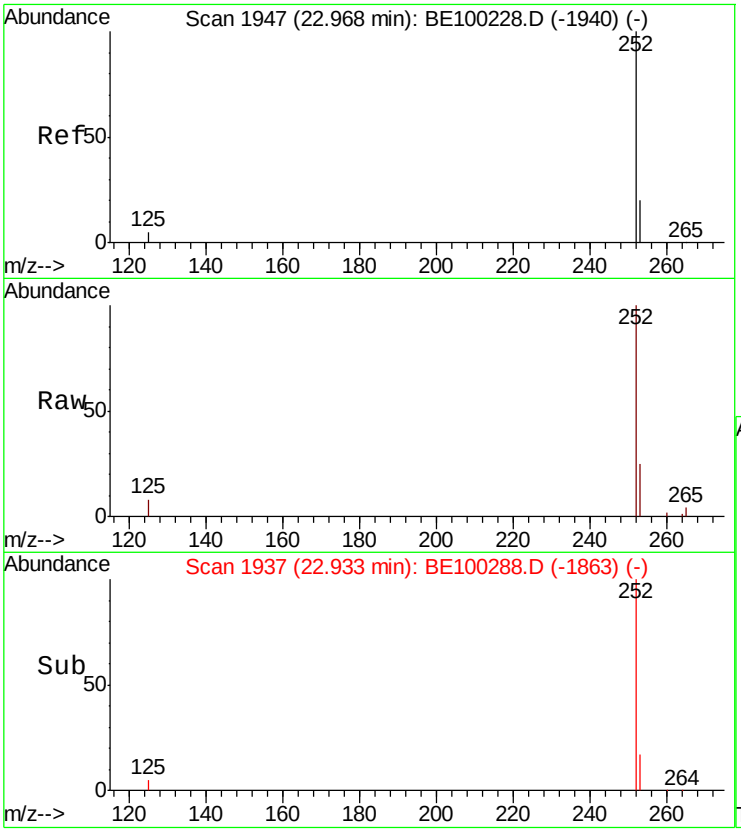


#35
Benzo(b)fluoranthene
Concen: 1.620 ng
RT: 22.93 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:252 Resp: 46691

Ion	Ratio	Lower	Upper
252	100		
253	25.0	19.2	28.8
125	7.6	7.4	11.0



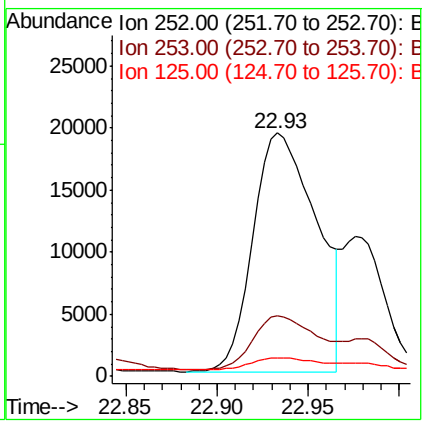


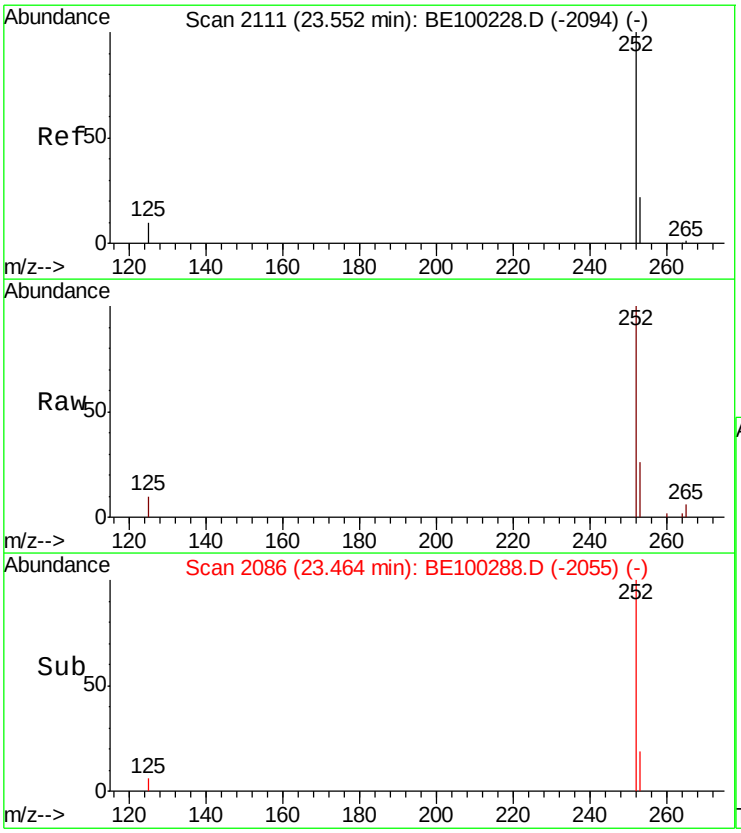
#36
Benzo(k)fluoranthene
Concen: 1.452 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:252 Resp: 46691

Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.9	26.9
125	7.6	5.0	7.4#

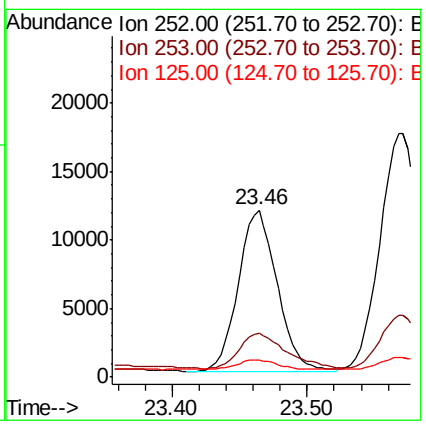


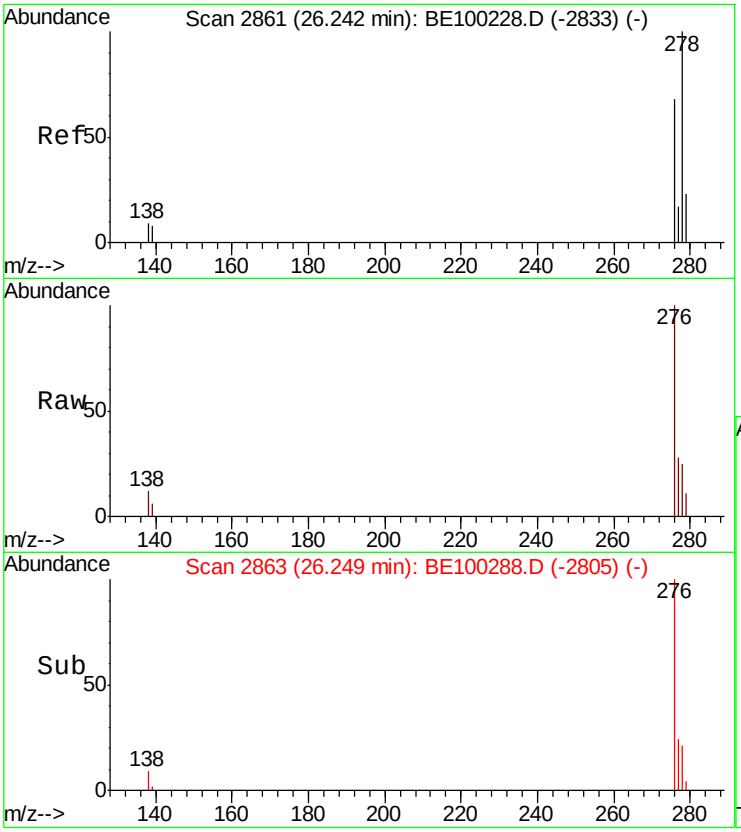


#37
Benzo(a)pyrene
Concen: 0.819 ng
RT: 23.46 min Scan# 2086
Delta R.T. -0.09 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:252 Resp: 23640

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	10.4	9.0	13.6



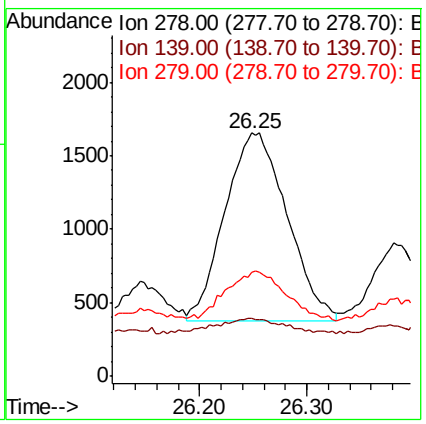


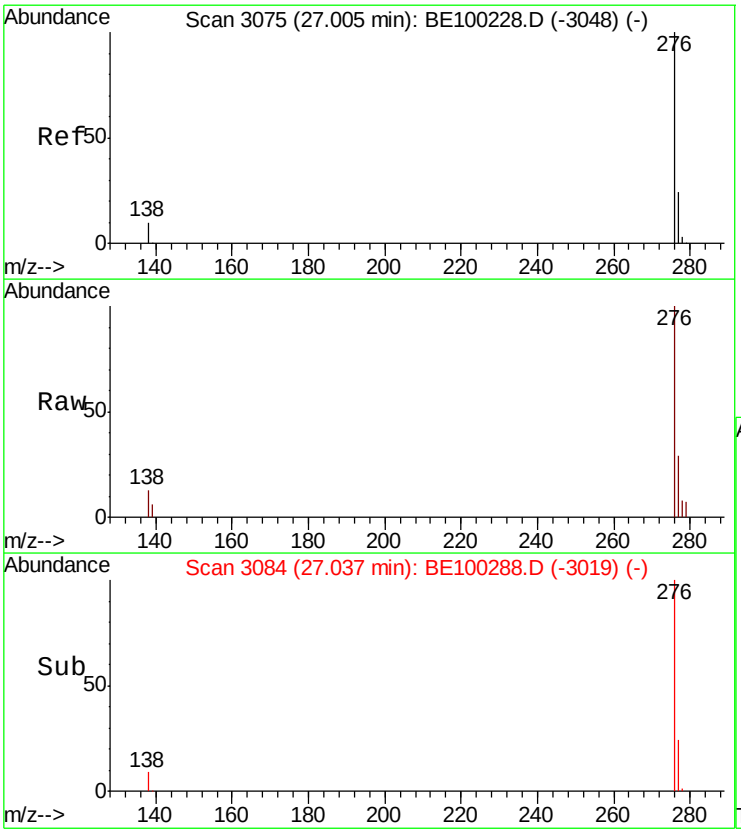
#38
Dibenzo(a,h)anthracene
Concen: 0.171 ng
RT: 26.25 min Scan# 2863
Delta R.T. 0.01 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Instrument :
BNA_E
ClientSampleId :
PST-007-SW048-061819DL

Tgt Ion:278 Resp: 5164

Ion	Ratio	Lower	Upper
278	100		
139	23.9	8.2	12.2#
279	42.7	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.689 ng
RT: 27.04 min Scan# 3084
Delta R.T. 0.03 min
Lab File: BE100288.D
Acq: 2 Jul 2019 5:58

Tgt Ion:276 Resp: 21348

Ion	Ratio	Lower	Upper
276	100		
277	29.0	20.2	30.2
138	12.9	9.0	13.6