Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100253.D
Acq On : 29 Jun 2019 2:16
Operator : JU/SJ
Sample : K3445-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-007-B257-061819

Quant Time: Jun 29 03:36:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 00:22:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	826	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3064	0.40	ng		-0.01
13) Acenaphthene-d10	14.31	164	2507	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	7124	0.40	ng		0.00
27) Chrysene-d12	21.25	240	9648	0.40	ng		0.00
34) Perylene-d12	23.67	264	11415	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.21	112	567	0.27	ng		0.00
5) Phenol-d6	6.82	99	831	0.30	ng		-0.01
8) Nitrobenzene-d5	8.81	82	898	0.29	ng		-0.01
11) 2-Methylnaphthalene-d10	12.04	152	2112	0.37	ng		-0.01
14) 2,4,6-Tribromophenol	15.81	330	523	0.30	ng		-0.01
15) 2-Fluorobiphenyl	12.93	172	2385	0.24	ng		-0.01
25) Fluoranthene-d10	19.10	212	34840	0.34	ng		0.00
29) Terphenyl-d14	19.70	244	4444	0.22	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.48	128	10277	0.304	ng		99
12) 2-Methylnaphthalene	12.12	142	1367	0.231	ng		96
16) Acenaphthylene	14.04	152	7494	0.623	ng		99
17) Acenaphthene	14.38	154	6169	0.905	ng		98
18) Fluorene	15.35	166	9413	0.934	ng		99
23) Phenanthrene	17.09	178	172676	10.001	ng		100
24) Anthracene	17.19	178	37337	2.401	ng	#	93
26) Fluoranthene	19.13	202	352542	12.819	ng		99
28) Pyrene	19.49	202	327742	12.831	ng	#	95
30) Benzo(a)anthracene	21.23	228	225666	7.114	ng		98
31) Chrysene	21.28	228	184278	5.785	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	9866	0.162	ng		98
33) Indeno(1,2,3-cd)pyrene	26.23	276	122351	2.904	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	239312	7.733	ng	#	95
36) Benzo(k)fluoranthene	22.93	252	239312	6.927	ng	#	98
37) Benzo(a)pyrene	23.56	252	183774	5.925	ng	#	93
38) Dibenzo(a,h)anthracene	26.24	278	31926	0.986	ng		93
39) Benzo(g,h,i)perylene	27.03	276	117207	3.522	ng		98

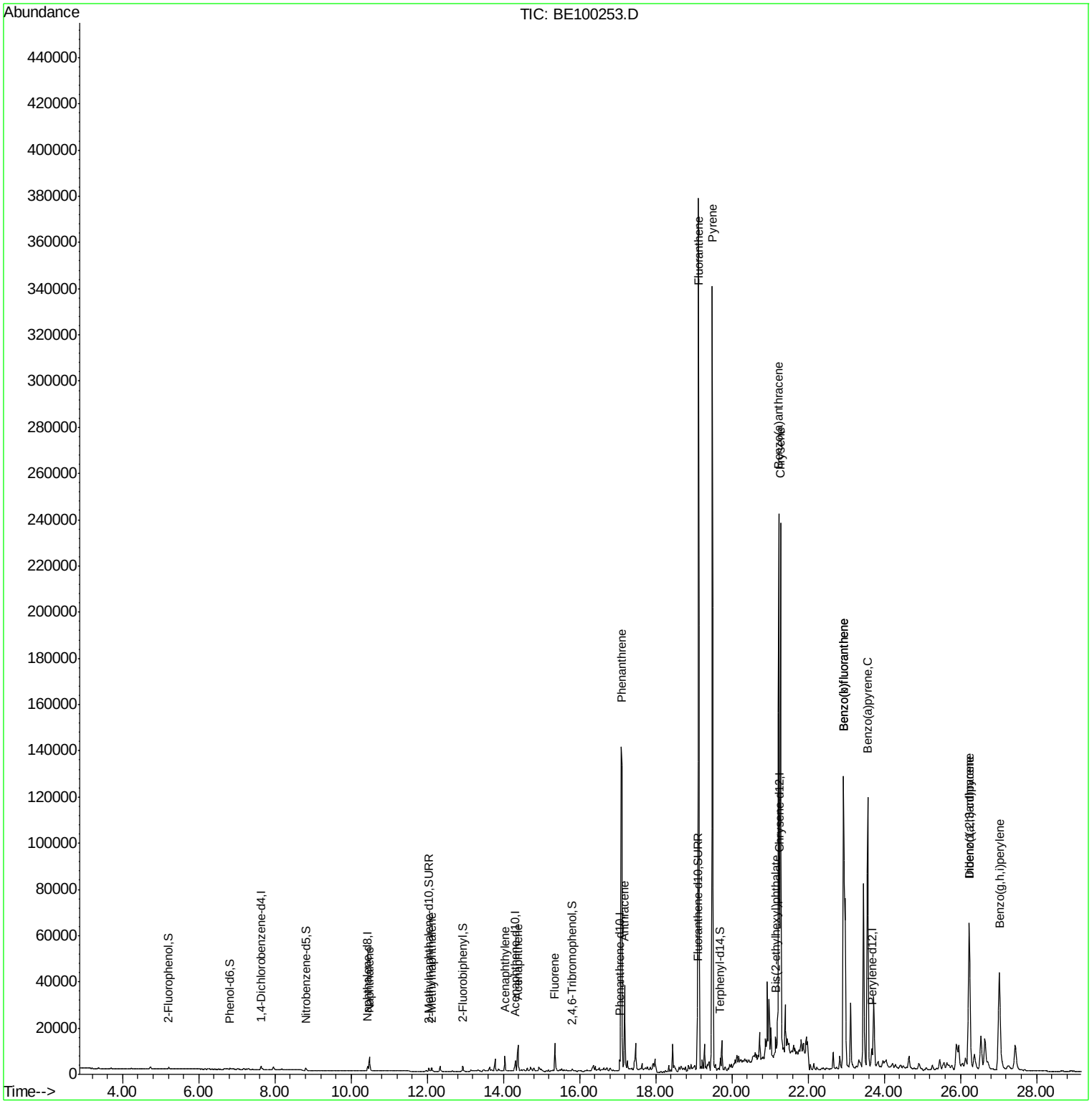
(#) = qualifier out of range (m) = manual integration (+) = signals summed

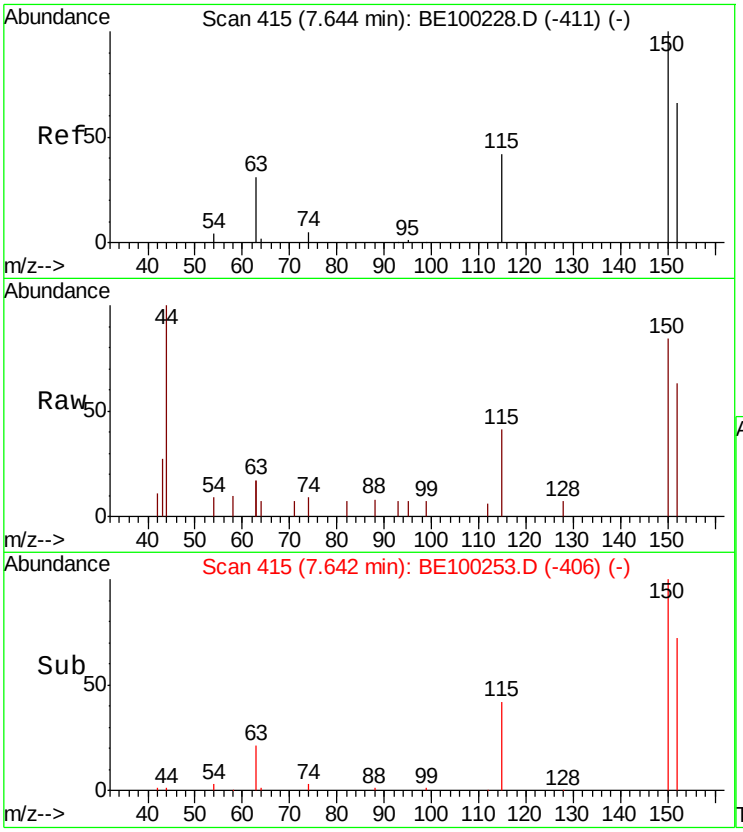
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE062819\
Data File : BE100253.D
Acq On : 29 Jun 2019 2:16
Operator : JU/SJ
Sample : K3445-07
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Quant Time: Jun 29 03:36:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_E\METHODS\8270-SIM-BE062819.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 00:22:29 2019
Response via : Initial Calibration



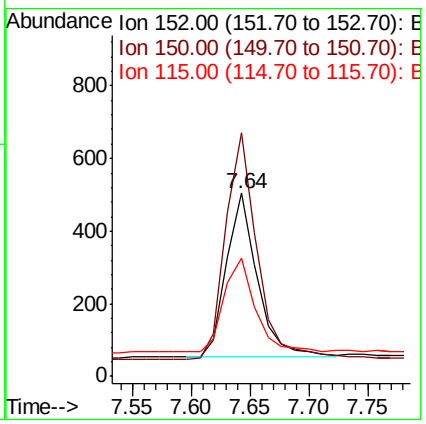


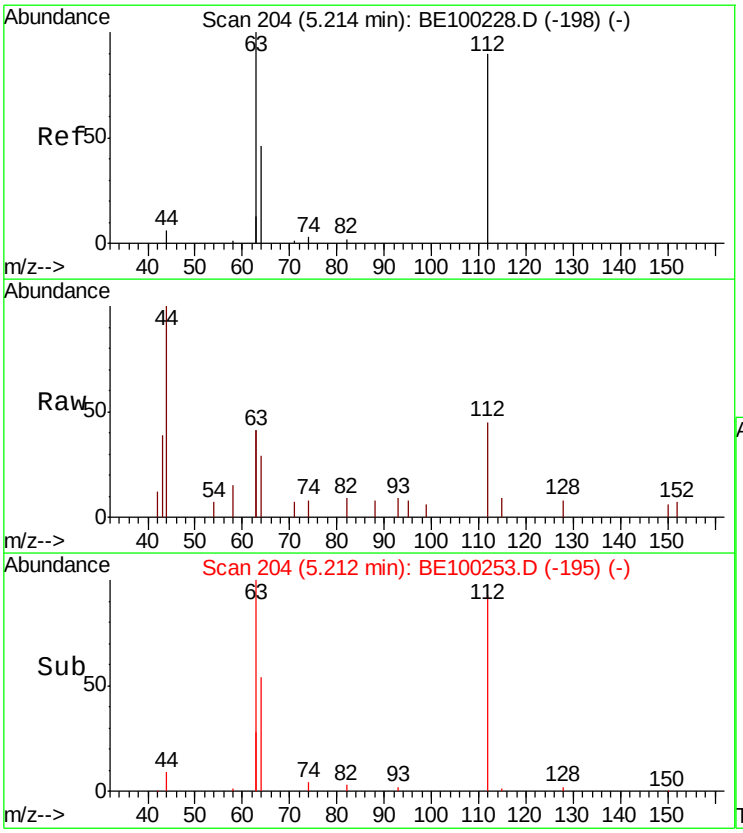
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. -0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:152 Resp: 826

Ion	Ratio	Lower	Upper
152	100		
150	132.9	114.5	171.7
115	64.6	57.1	85.7

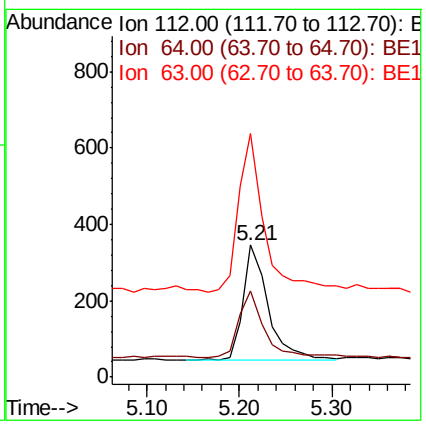


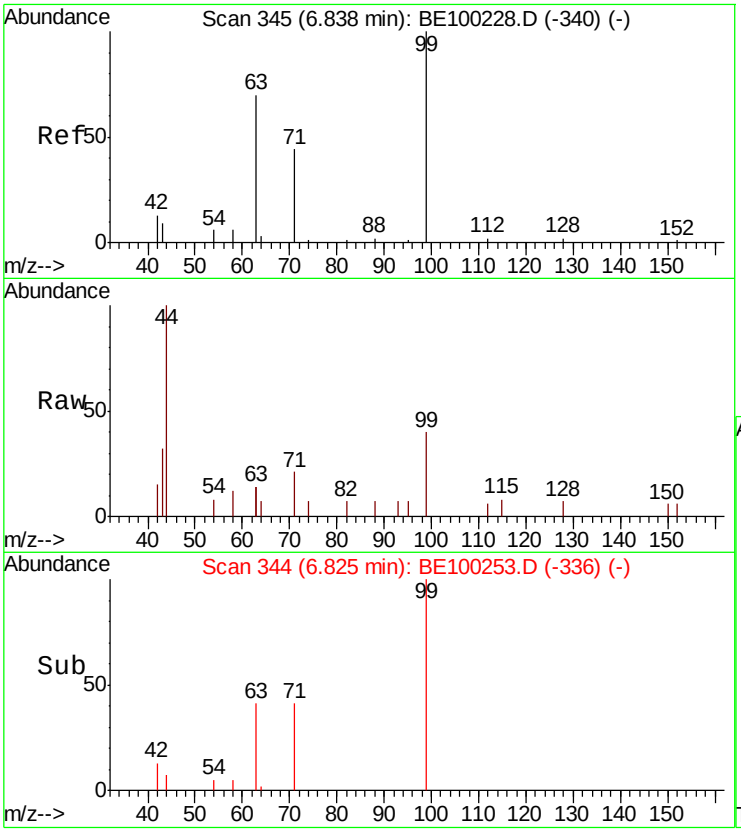


#4
2-Fluorophenol
Concen: 0.269 ng
RT: 5.21 min Scan# 204
Delta R.T. -0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:112 Resp: 567

Ion	Ratio	Lower	Upper
112	100		
64	57.7	39.4	59.0
63	145.5	104.5	156.7



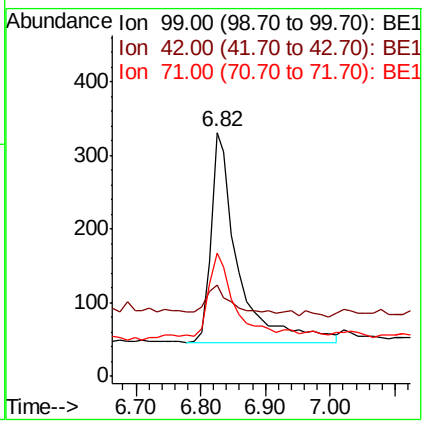


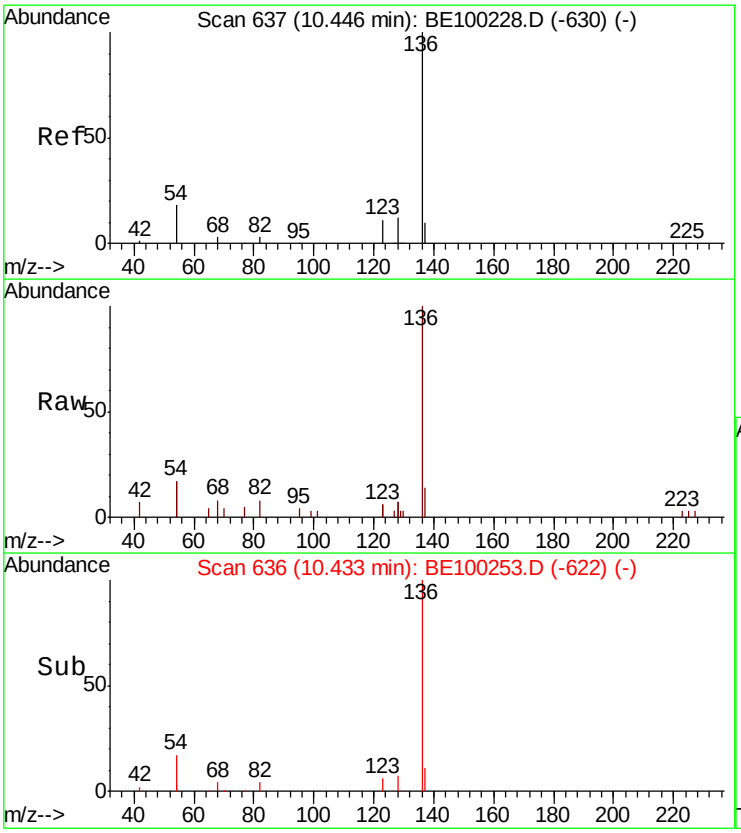
#5
Phenol-d6
Concen: 0.300 ng
RT: 6.82 min Scan# 344
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion: 99 Resp: 831

Ion	Ratio	Lower	Upper
99	100		
42	11.7	11.2	16.8
71	36.2	37.2	55.8#

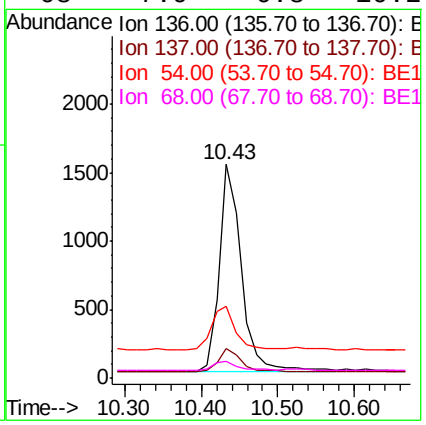


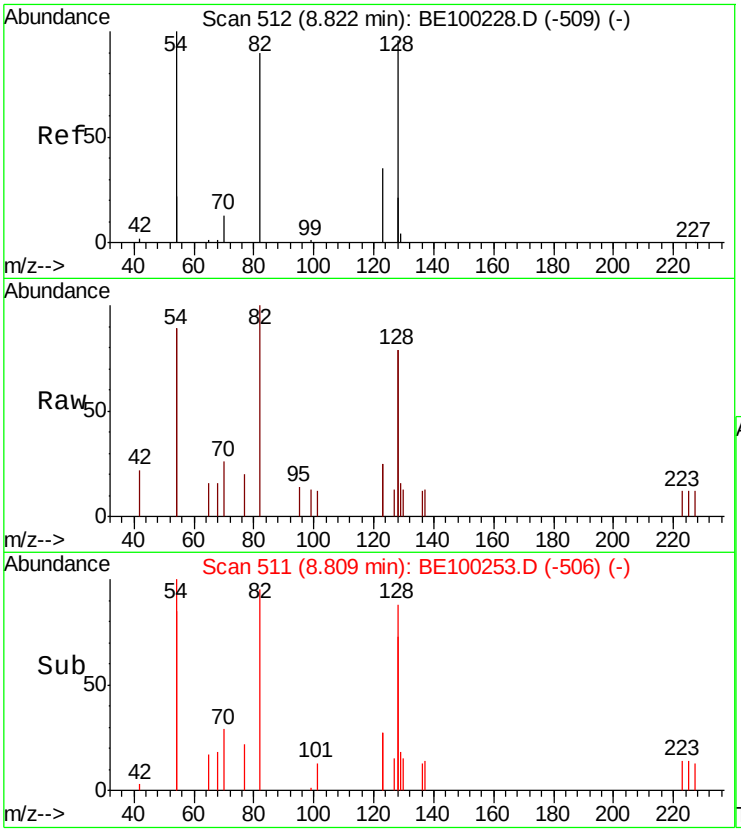


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:136 Resp: 3064

Ion	Ratio	Lower	Upper
136	100		
137	14.0	11.8	17.8
54	33.7	27.7	41.5
68	7.9	6.8	10.2



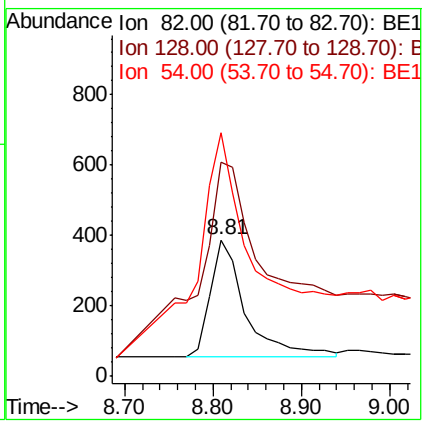


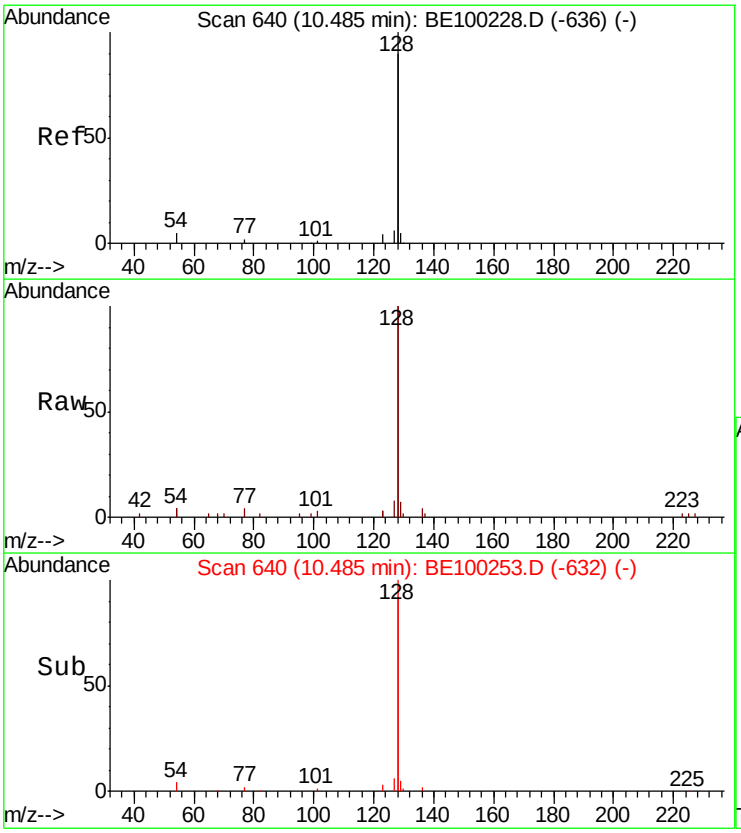
#8
Nitrobenzene-d5
Concen: 0.295 ng
RT: 8.81 min Scan# 511
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion: 82 Resp: 898

Ion	Ratio	Lower	Upper
82	100		
128	157.6	140.9	211.3
54	178.8	146.2	219.2

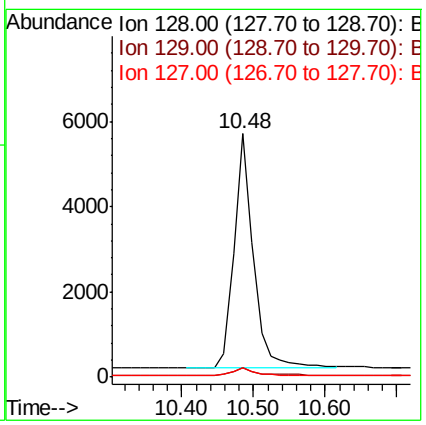


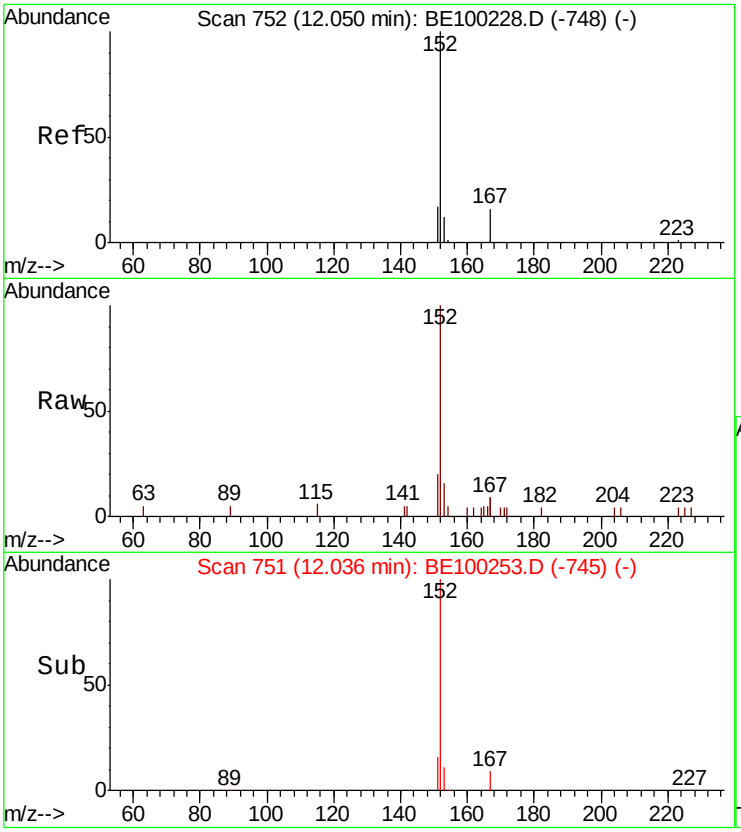


#9
Naphthalene
Concen: 0.304 ng
RT: 10.48 min Scan# 640
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:128 Resp: 10277

Ion	Ratio	Lower	Upper
128	100		
129	3.6	3.0	4.6
127	4.0	3.5	5.3



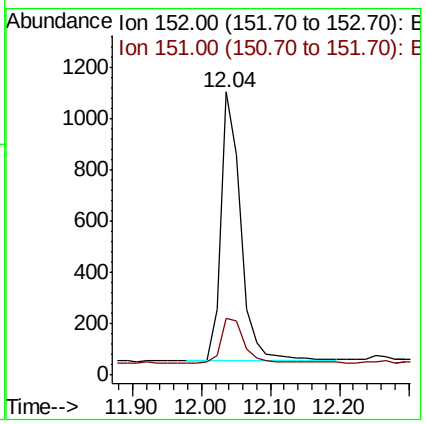


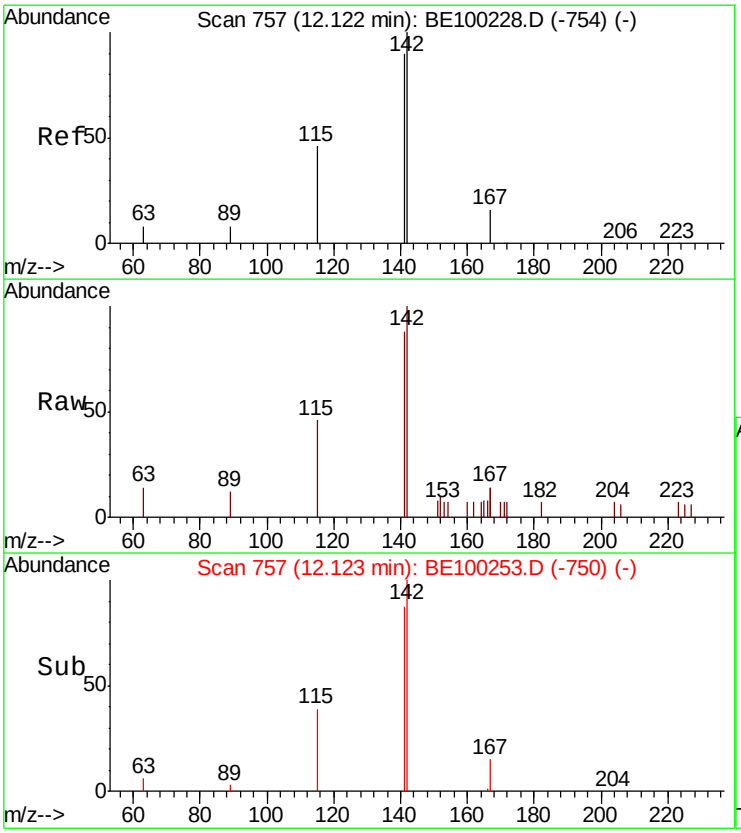
#11
2-Methylnaphthalene-d10
Concen: 0.366 ng
RT: 12.04 min Scan# 751
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:152 Resp: 2112

Ion	Ratio	Lower	Upper
152	100		
151	19.7	15.1	22.7

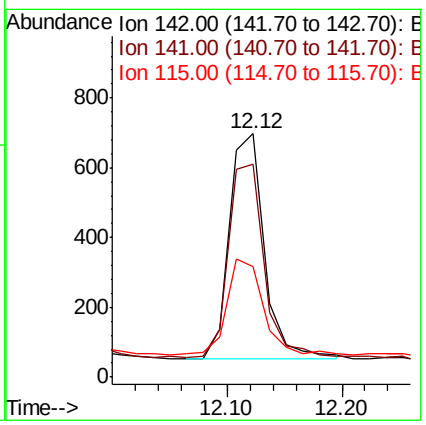


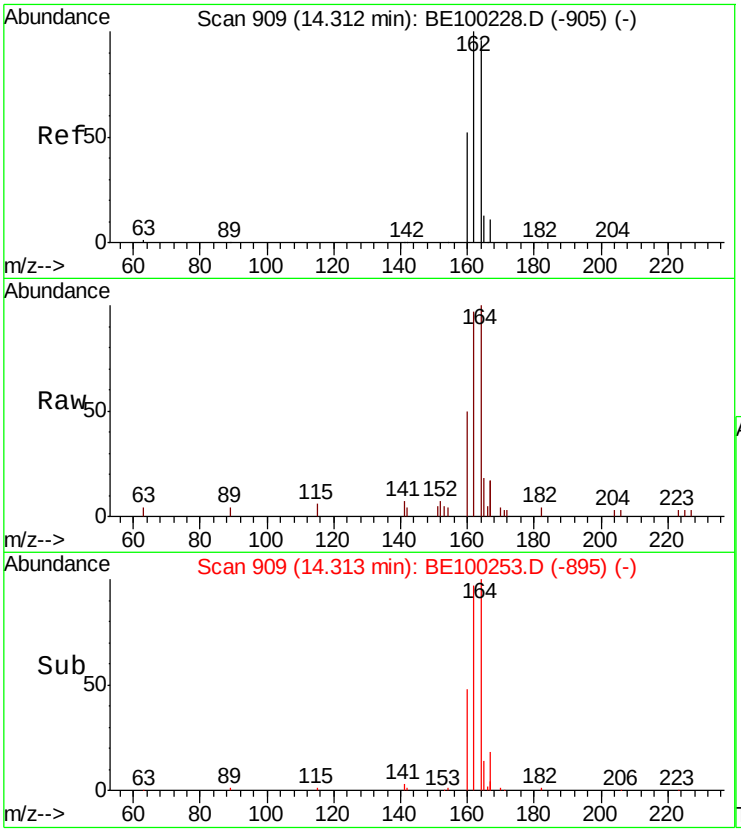


#12
2-Methylnaphthalene
Concen: 0.231 ng
RT: 12.12 min Scan# 757
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:142 Resp: 1367

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.4	108.6
115	45.6	40.4	60.6



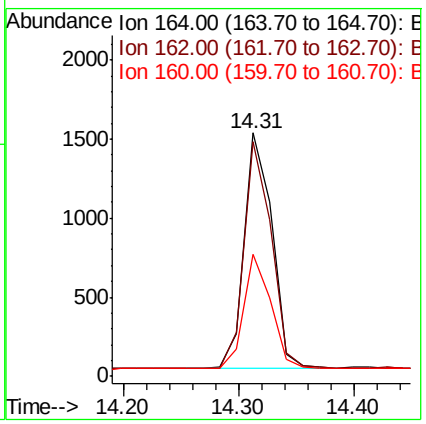


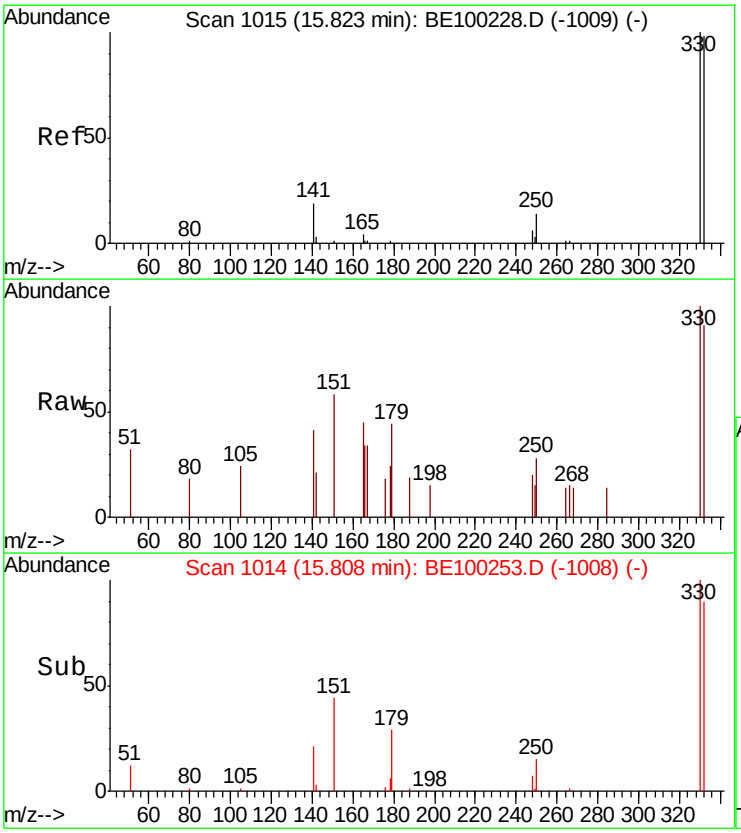
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:164 Resp: 2507

Ion	Ratio	Lower	Upper
164	100		
162	96.6	83.4	125.0
160	50.0	45.0	67.6

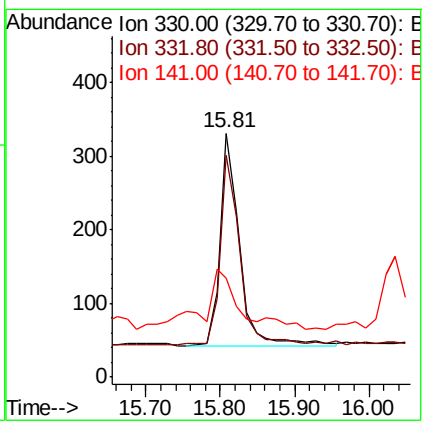


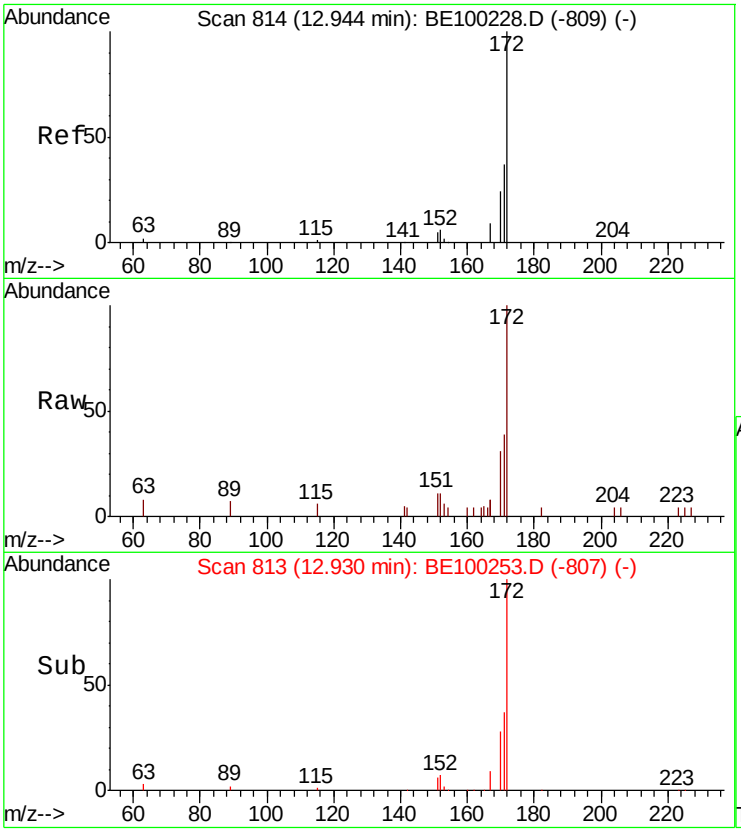


#14
2,4,6-Tribromophenol
Concen: 0.298 ng
RT: 15.81 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:330 Resp: 523

Ion	Ratio	Lower	Upper
330	100		
332	86.8	77.0	115.4
141	24.1	22.0	33.0



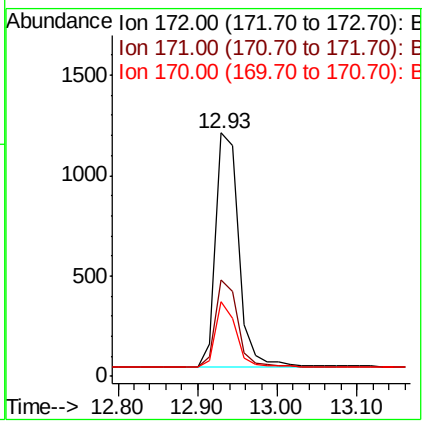


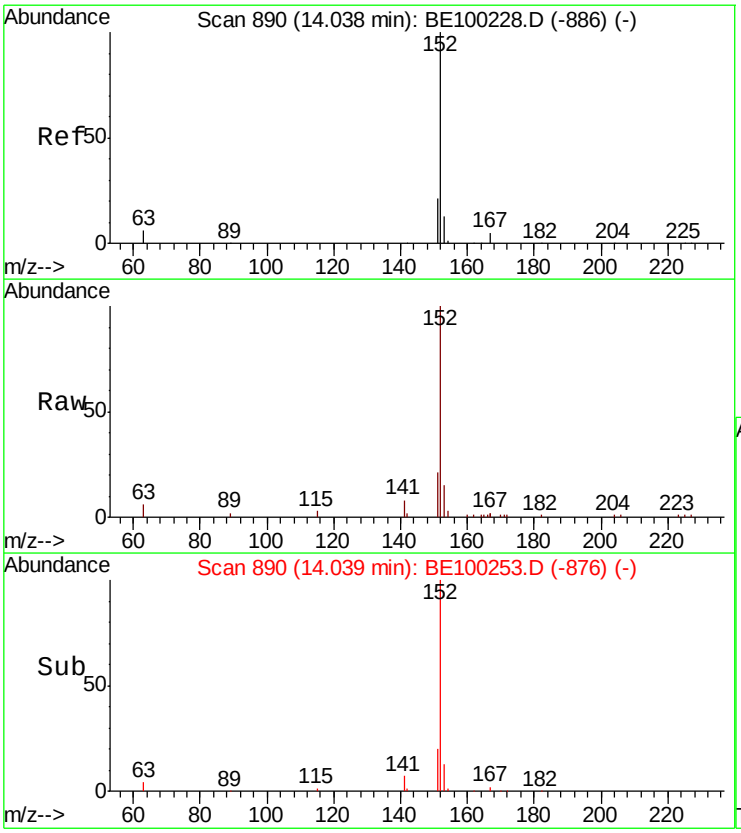
#15
2-Fluorobiphenyl
Concen: 0.244 ng
RT: 12.93 min Scan# 813
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:172 Resp: 2385

Ion	Ratio	Lower	Upper
172	100		
171	39.5	31.9	47.9
170	30.7	22.2	33.2

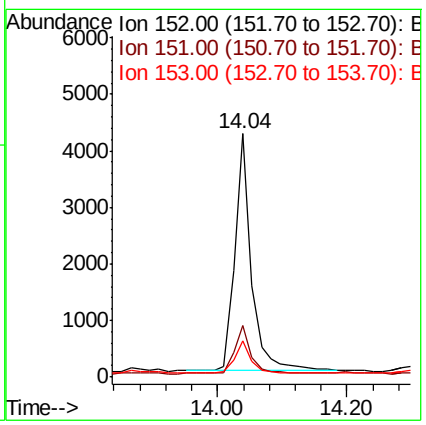


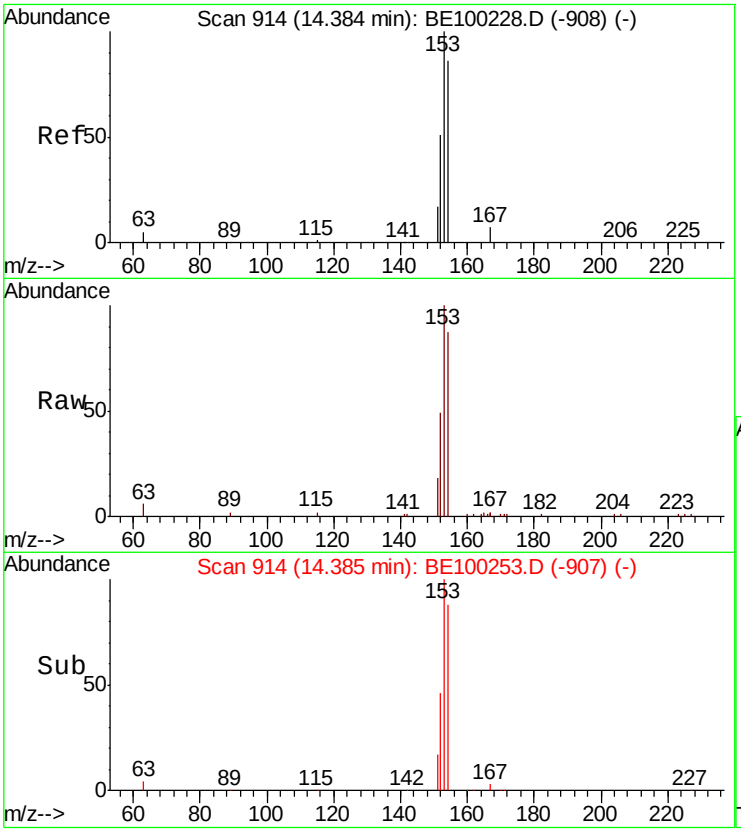


#16
Acenaphthylene
Concen: 0.623 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:152 Resp: 7494

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.6	25.0
153	13.8	10.5	15.7



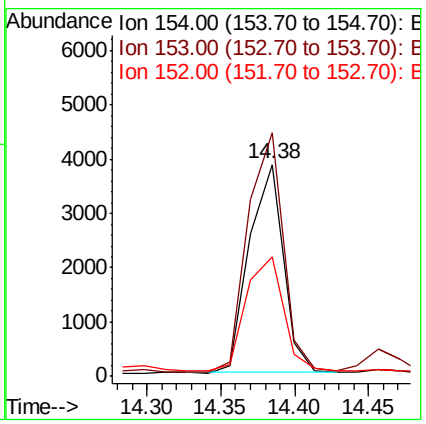


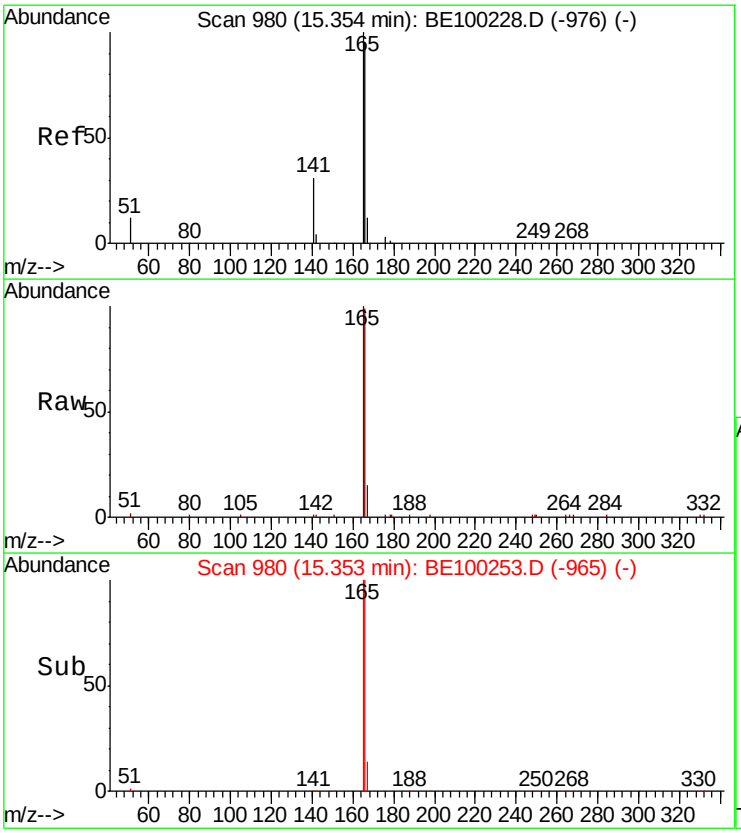
#17
Acenaphthene
Concen: 0.905 ng
RT: 14.38 min Scan# 914
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:154 Resp: 6169

Ion	Ratio	Lower	Upper
154	100		
153	118.8	93.4	140.2
152	59.6	49.4	74.2

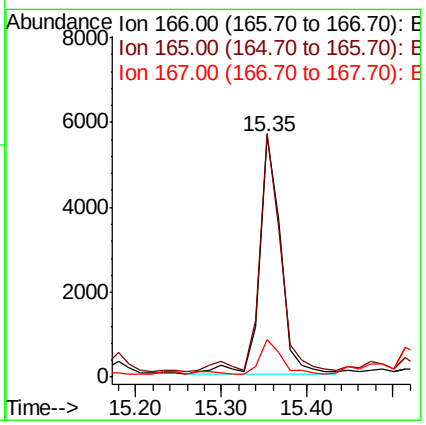


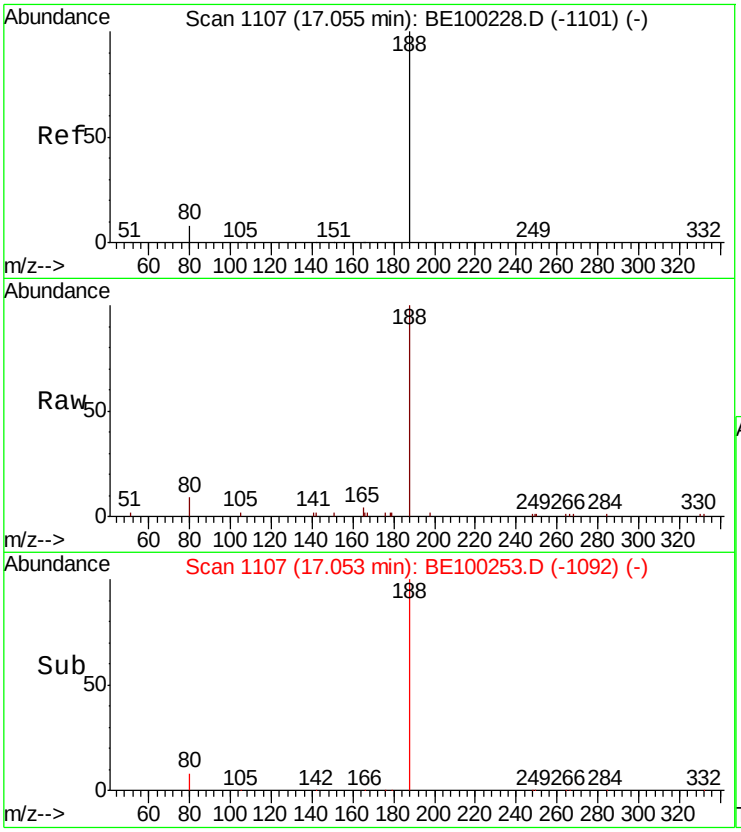


#18
Fluorene
Concen: 0.934 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:166 Resp: 9413

Ion	Ratio	Lower	Upper
166	100		
165	101.9	81.1	121.7
167	14.7	10.7	16.1



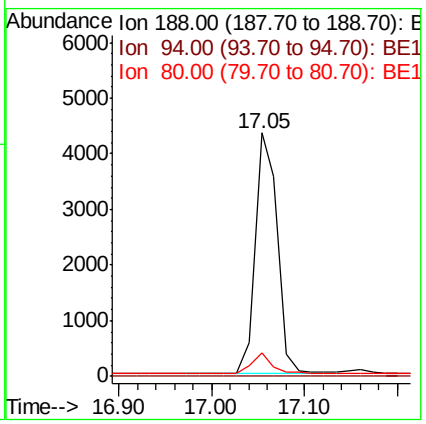


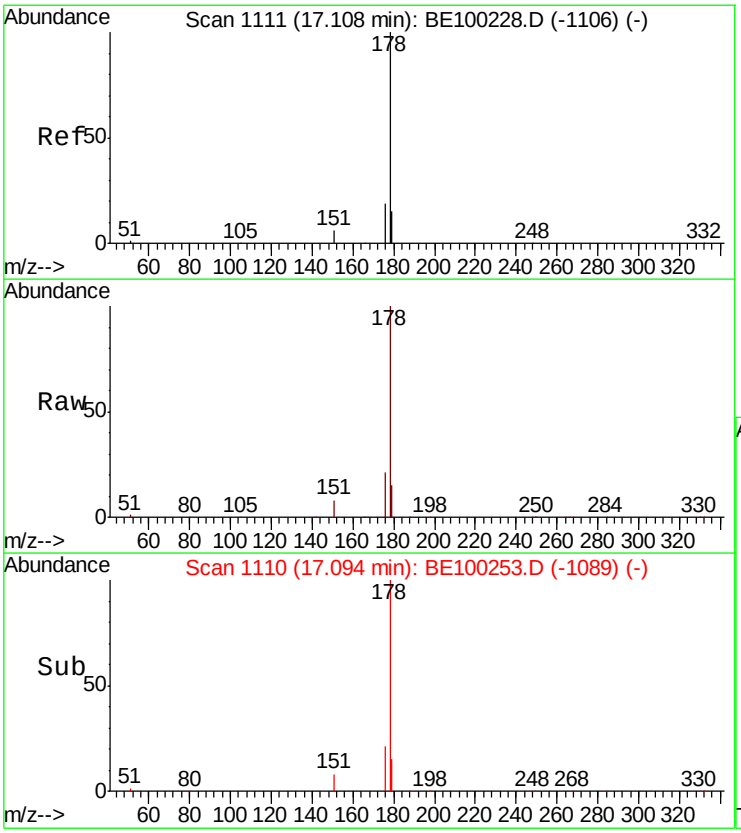
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:188 Resp: 7124

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	9.4	7.6	11.4

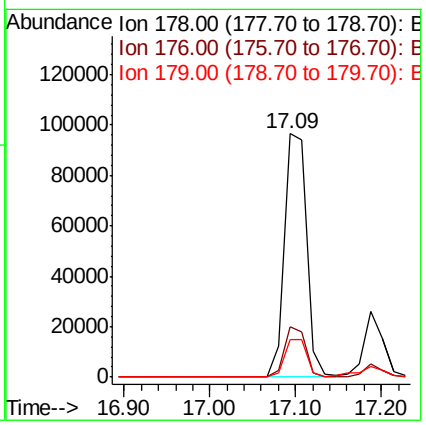


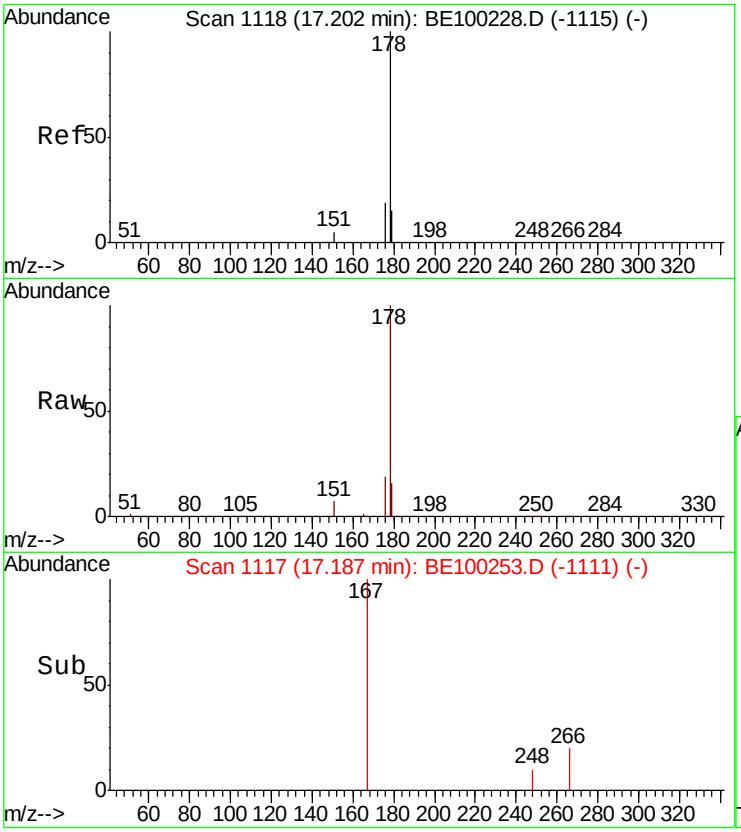


#23
Phenanthrene
Concen: 10.001 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:178 Resp: 172676

Ion	Ratio	Lower	Upper
178	100		
176	19.8	15.9	23.9
179	15.5	12.2	18.2



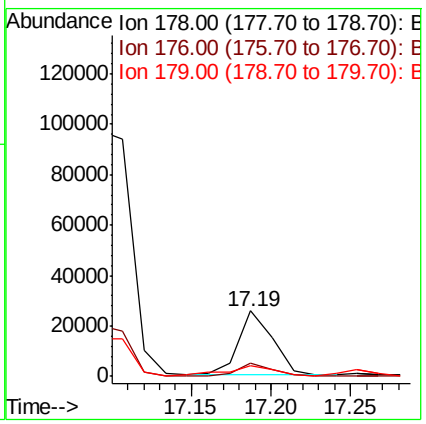


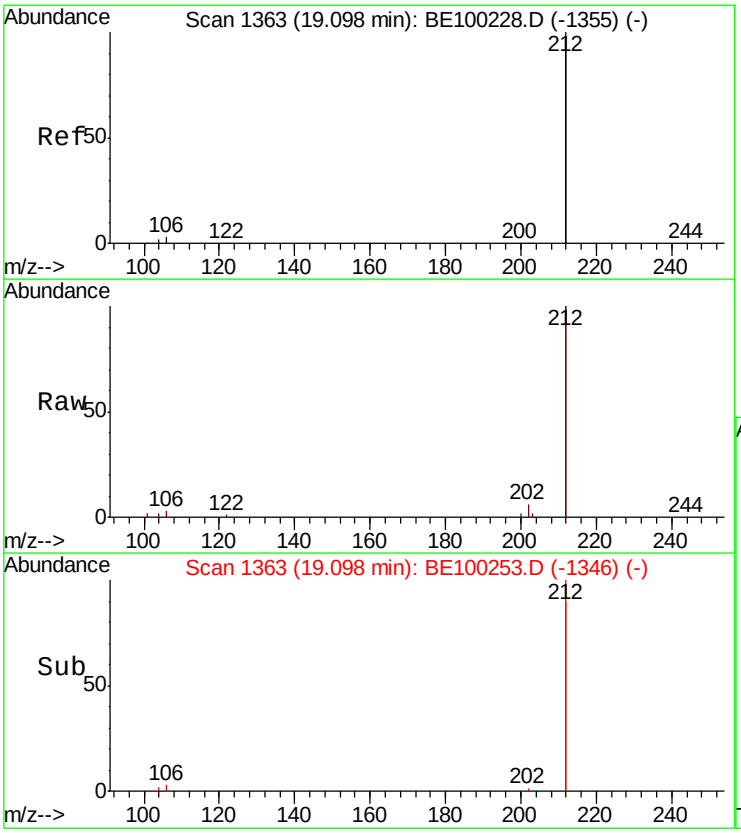
#24
Anthracene
Concen: 2.401 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:178 Resp: 37337

Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.3	22.9
179	20.3	12.2	18.2#

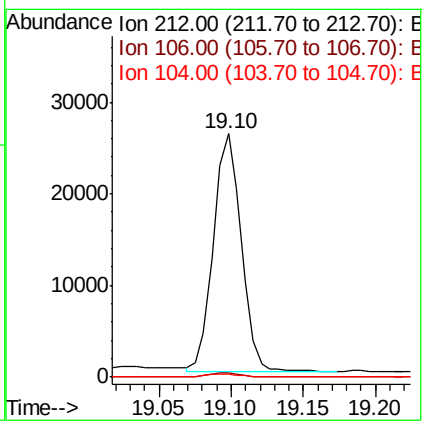


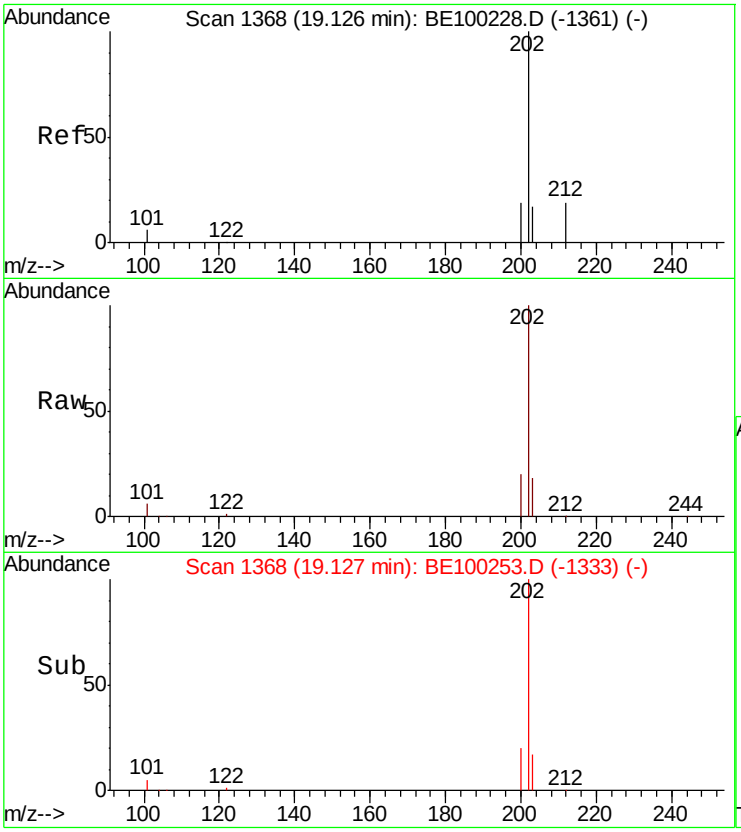


#25
Fluoranthene-d10
Concen: 0.337 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:212 Resp: 34840

Ion	Ratio	Lower	Upper
212	100		
106	1.6	1.3	1.9
104	1.0	0.8	1.2



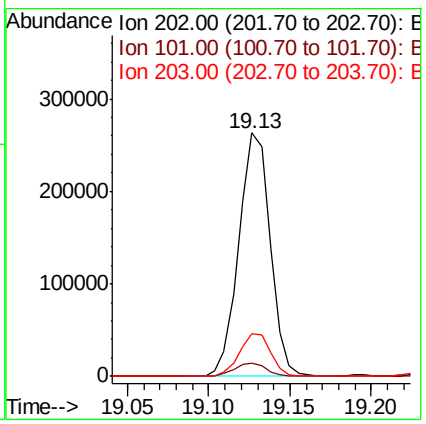


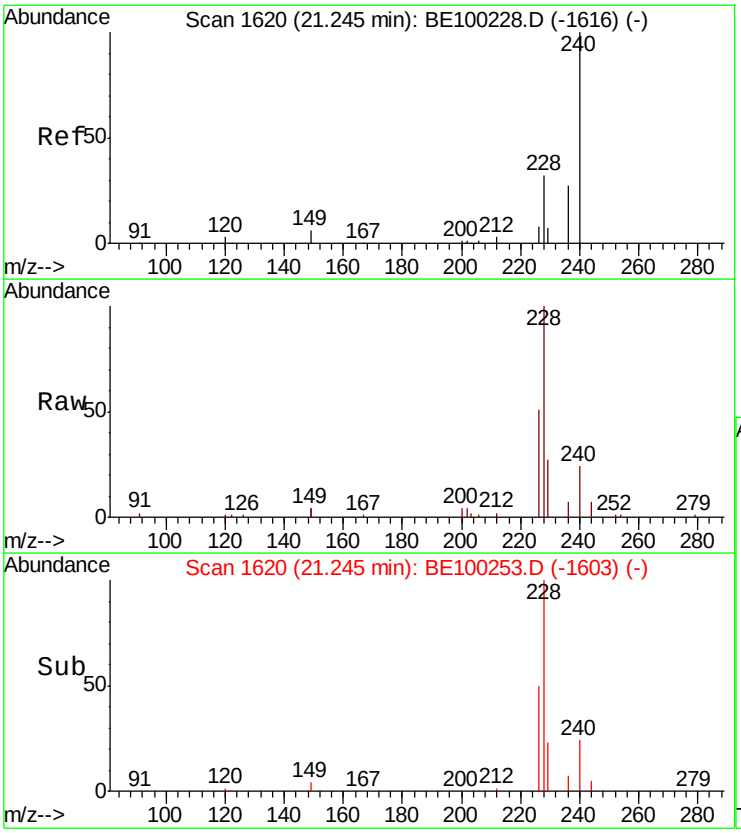
#26
Fluoranthene
Concen: 12.819 ng
RT: 19.13 min Scan# 1368
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:202 Resp: 352542

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.7	13.7	20.5

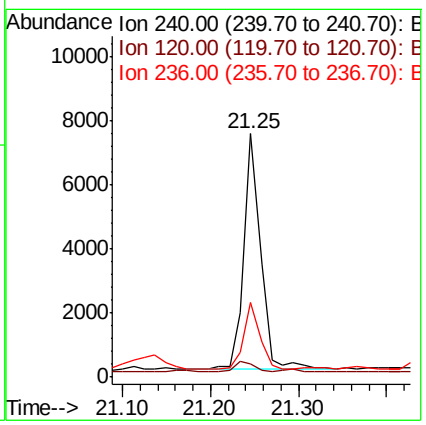


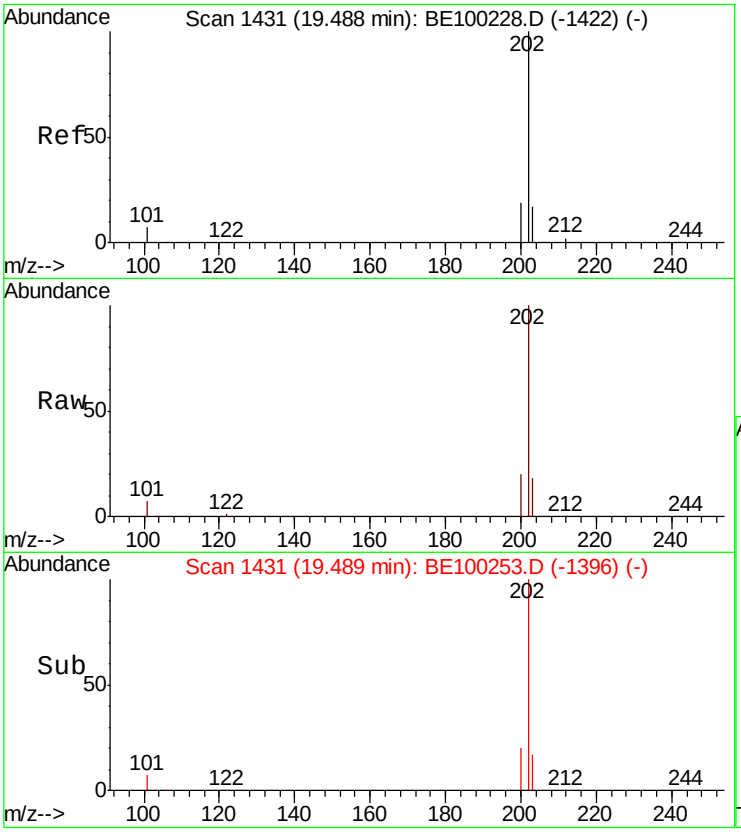


#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:240 Resp: 9648

Ion	Ratio	Lower	Upper
240	100		
120	5.5	3.3	4.9#
236	30.6	22.6	34.0



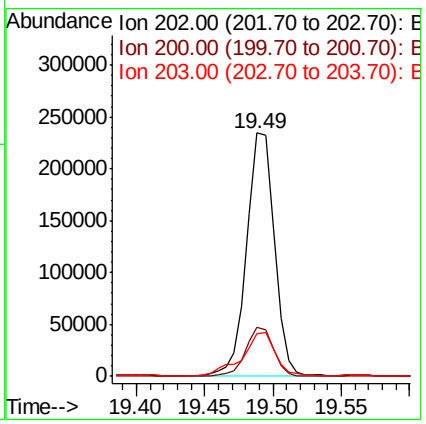


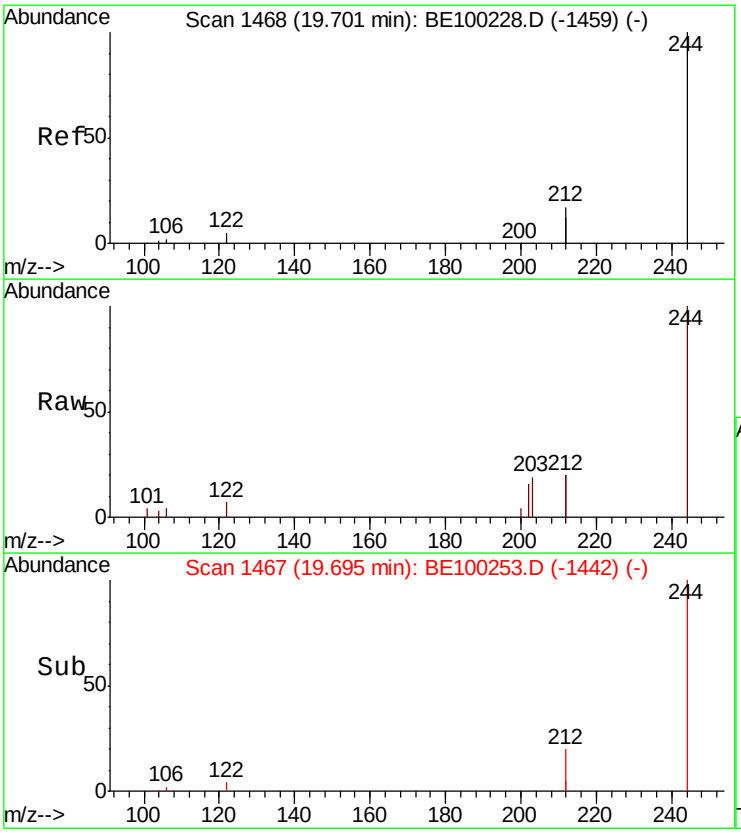
#28
Pyrene
Concen: 12.831 ng
RT: 19.49 min Scan# 1431
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:202 Resp: 327742

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	21.6	14.0	21.0#

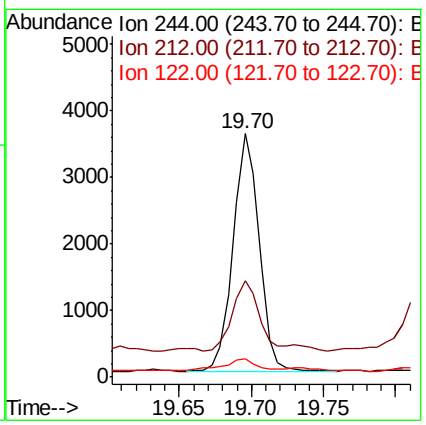


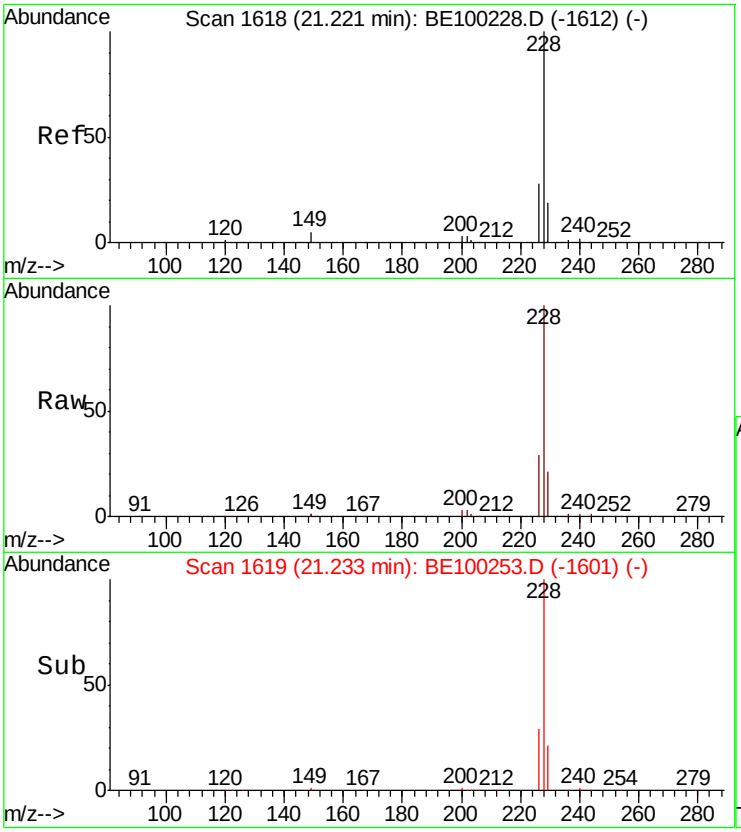


#29
Terphenyl-d14
Concen: 0.222 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:244 Resp: 4444

Ion	Ratio	Lower	Upper
244	100		
212	39.4	27.3	40.9
122	7.4	4.7	7.1#



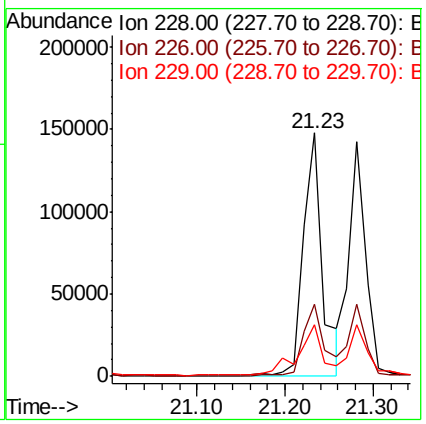


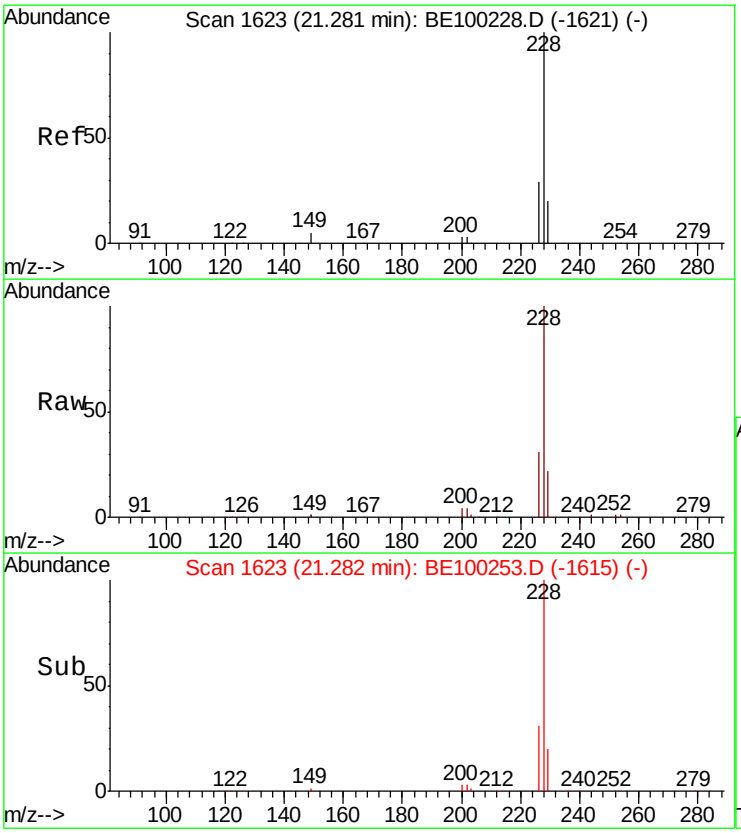
#30
Benzo(a)anthracene
Concen: 7.114 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:228 Resp: 225666

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	21.4	15.7	23.5

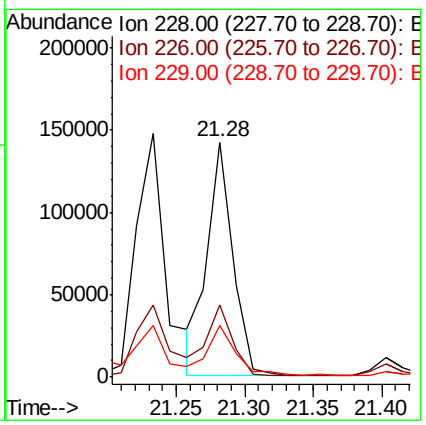


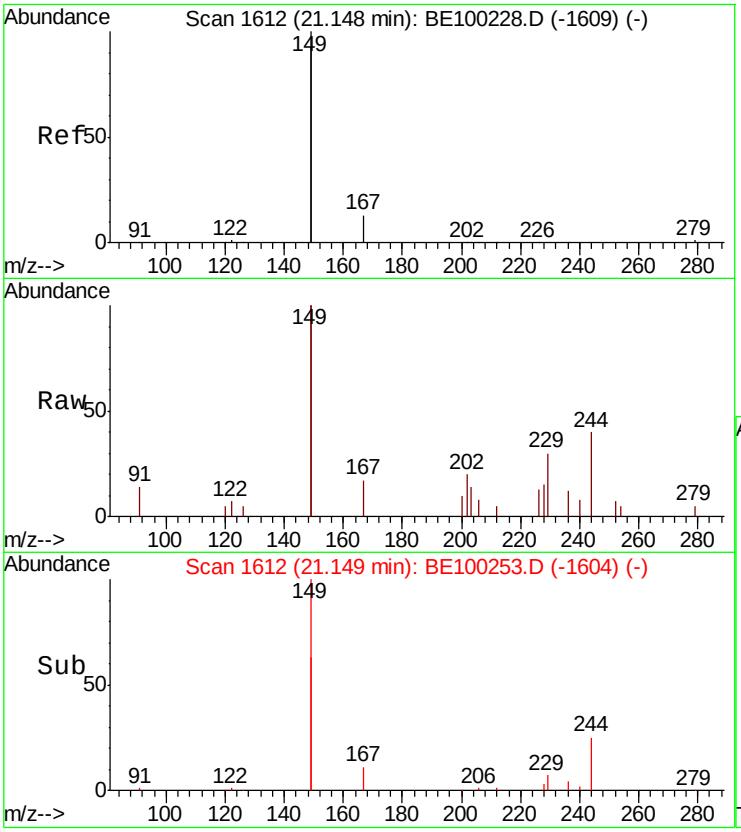


#31
Chrysene
Concen: 5.785 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:228 Resp: 184278

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	22.1	16.5	24.7



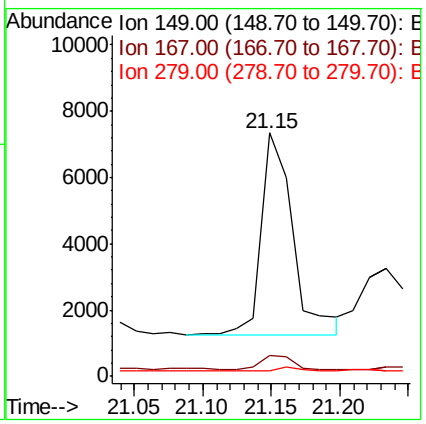


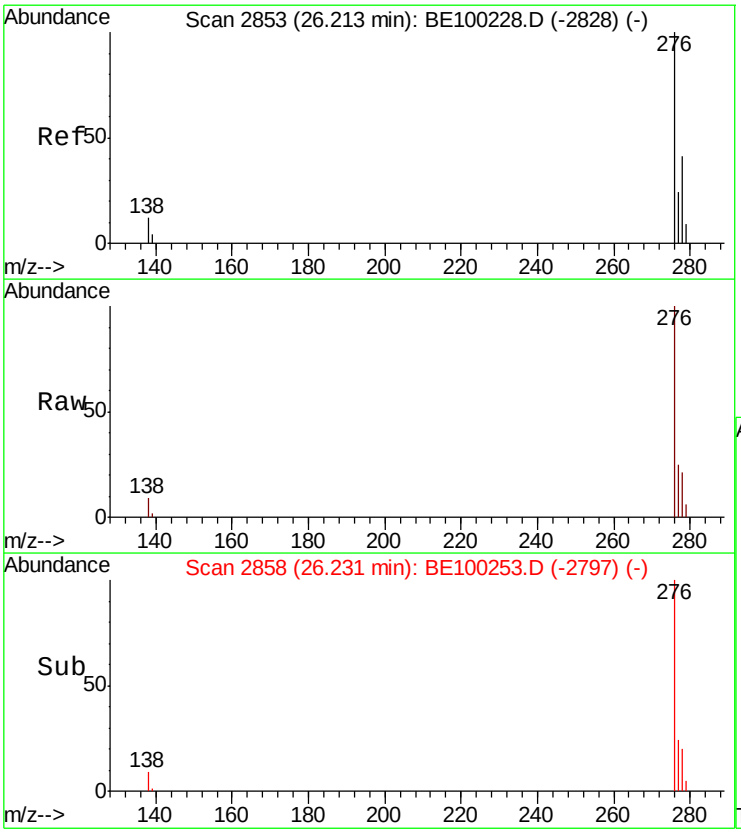
#32
Bis(2-ethylhexyl)phthalate
Concen: 0.162 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:149 Resp: 9866

Ion	Ratio	Lower	Upper
149	100		
167	6.5	5.8	8.8
279	1.5	1.1	1.7

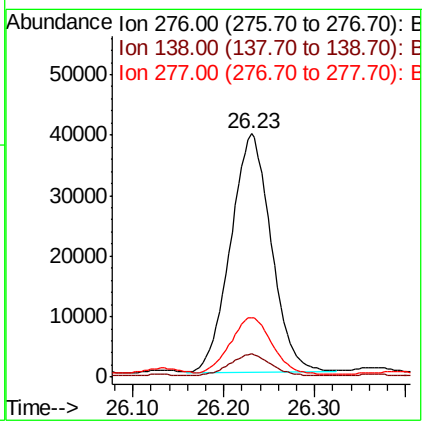


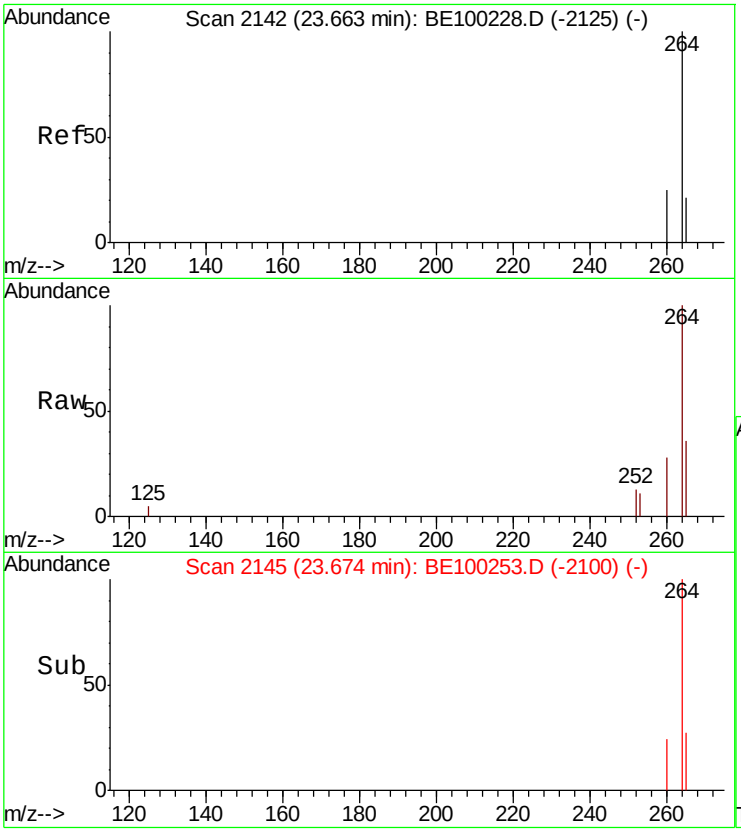


#33
Indeno(1,2,3-cd)pyrene
Concen: 2.904 ng
RT: 26.23 min Scan# 2858
Delta R.T. 0.02 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:276 Resp: 122351

Ion	Ratio	Lower	Upper
276	100		
138	9.0	9.4	14.0#
277	24.4	19.2	28.8



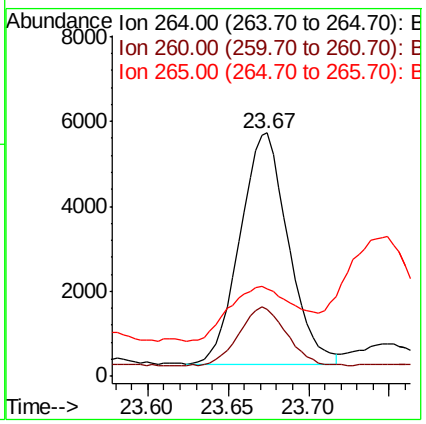


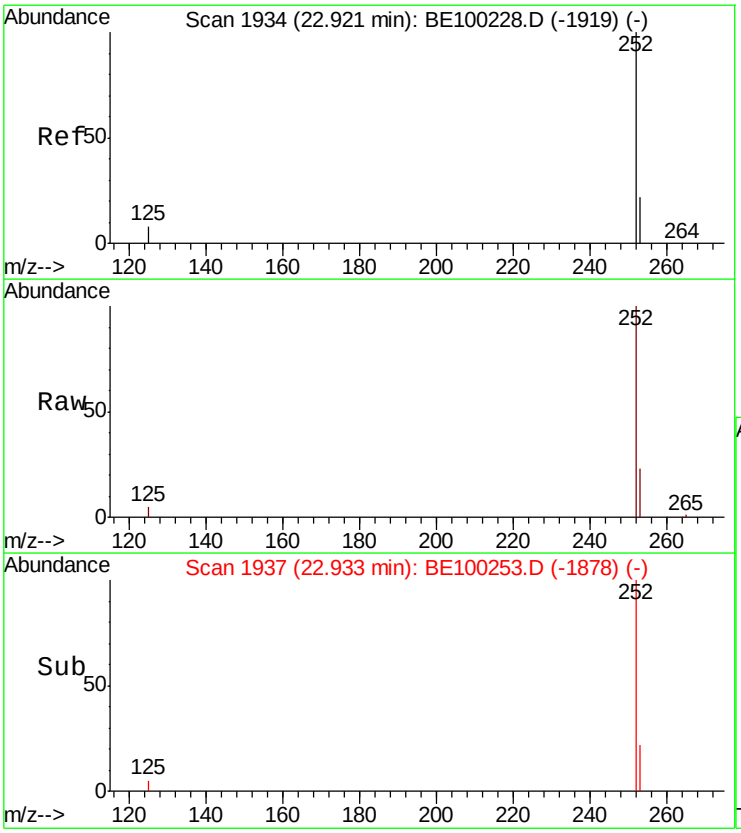
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2145
Delta R.T. 0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:264 Resp: 11415

Ion	Ratio	Lower	Upper
264	100		
260	27.6	20.8	31.2
265	36.2	21.8	32.6#

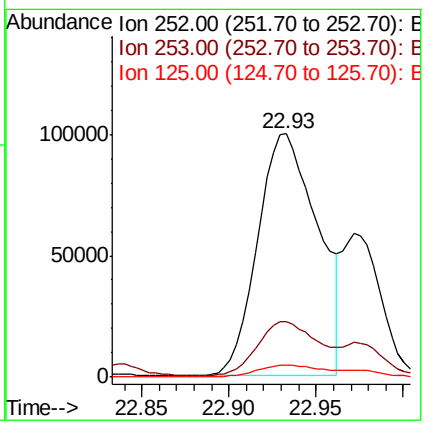


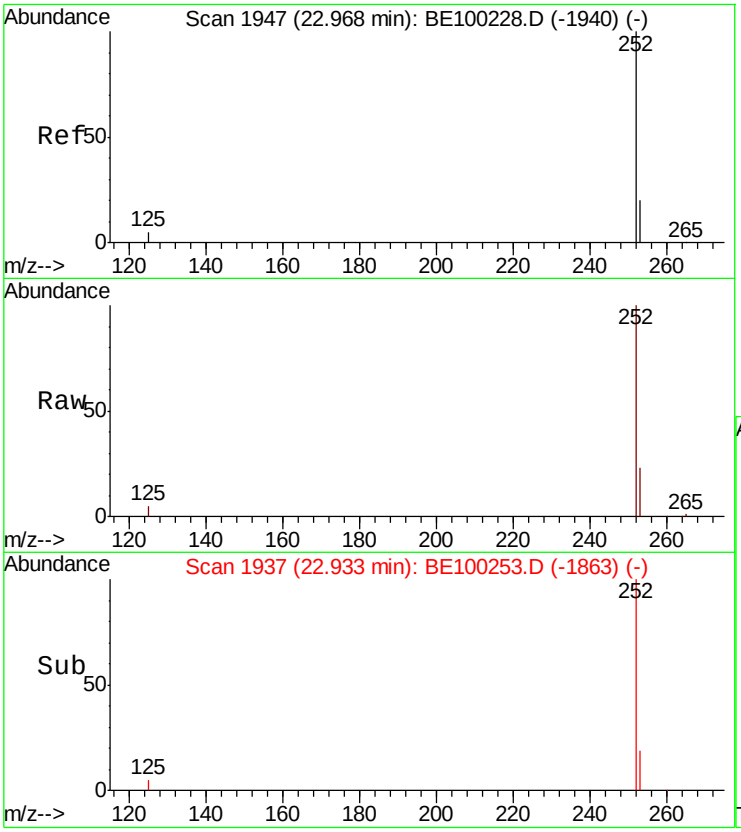


#35
Benzo(b)fluoranthene
Concen: 7.733 ng
RT: 22.93 min Scan# 1937
Delta R.T. 0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:252 Resp: 239312

Ion	Ratio	Lower	Upper
252	100		
253	22.9	19.2	28.8
125	4.8	7.4	11.0#



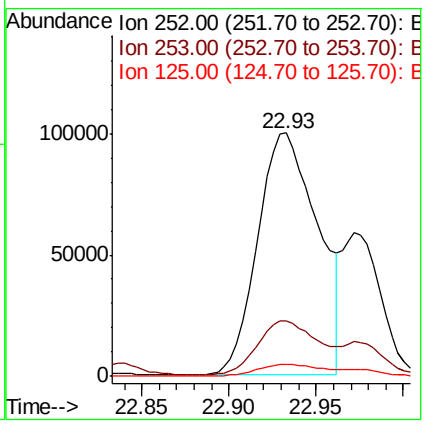


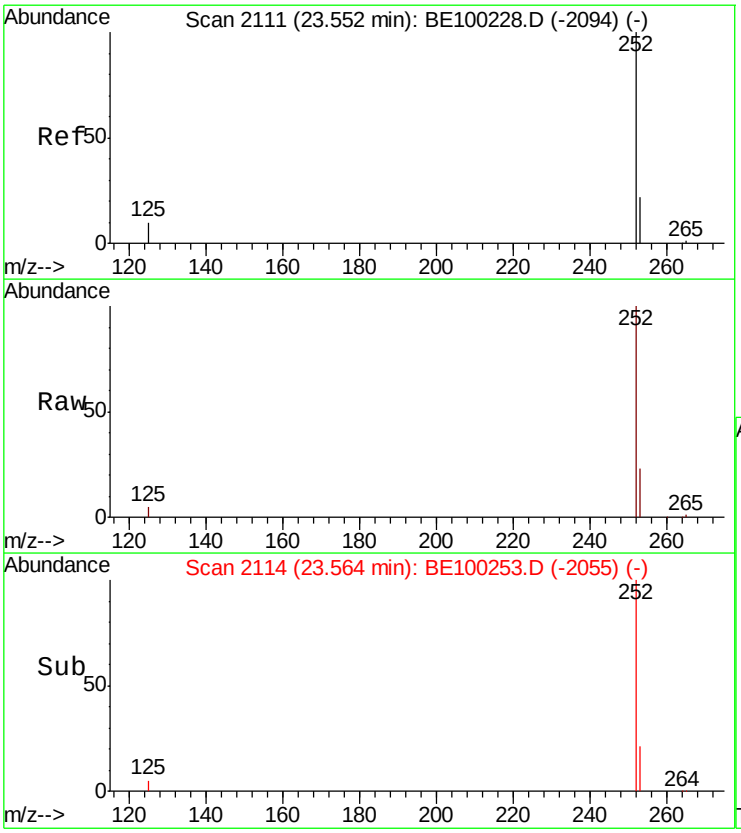
#36
Benzo(k)fluoranthene
Concen: 6.927 ng
RT: 22.93 min Scan# 1937
Delta R.T. -0.03 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:252 Resp: 239312

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.9	26.9
125	4.8	5.0	7.4#

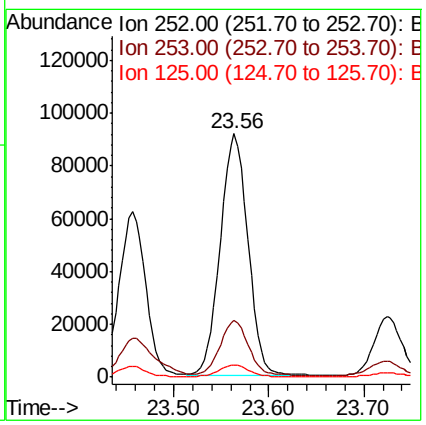


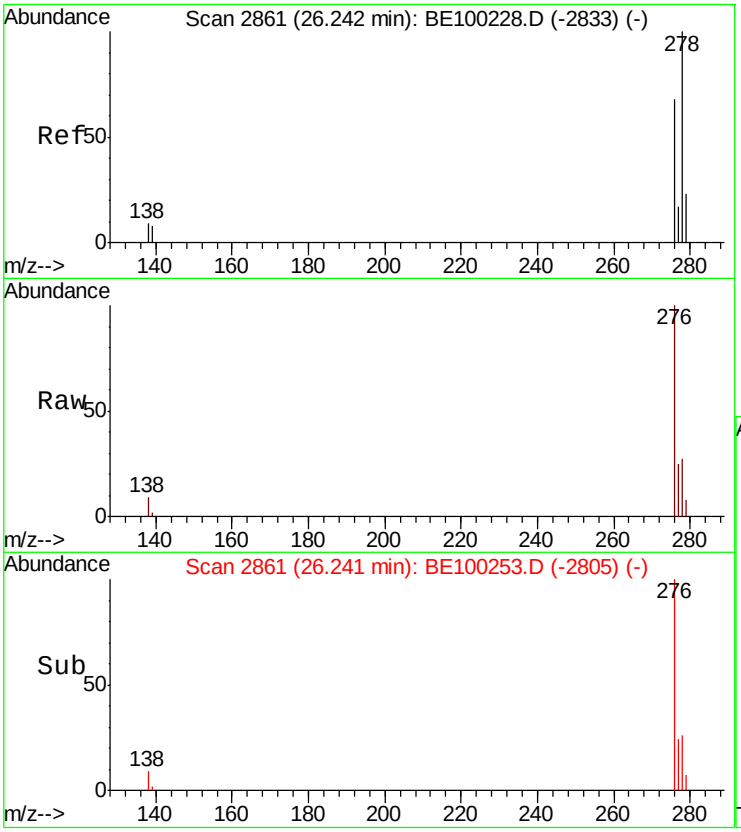


#37
Benzo(a)pyrene
Concen: 5.925 ng
RT: 23.56 min Scan# 2114
Delta R.T. 0.01 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:252 Resp: 183774

Ion	Ratio	Lower	Upper
252	100		
253	23.3	19.6	29.4
125	5.1	9.0	13.6#



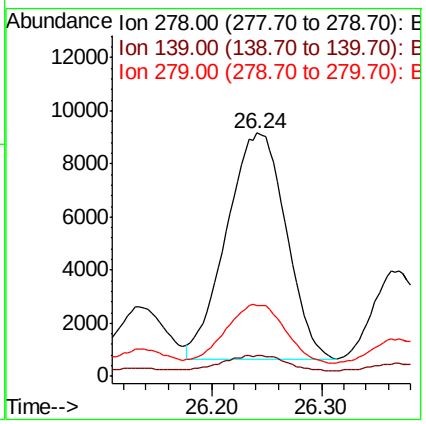


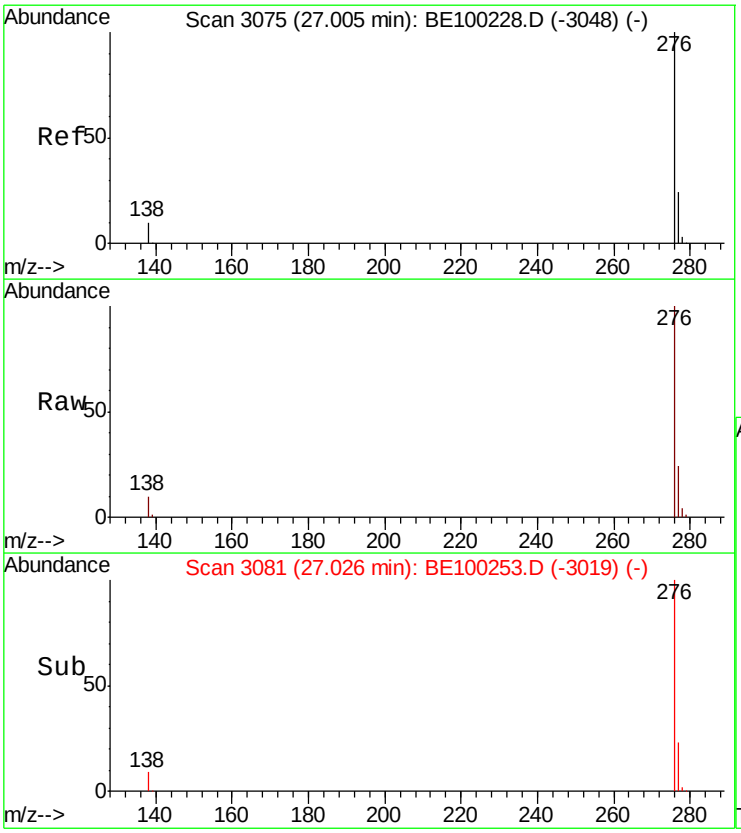
#38
Dibenzo(a,h)anthracene
Concen: 0.986 ng
RT: 26.24 min Scan# 2861
Delta R.T. -0.00 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Instrument :
BNA_E
ClientSampleId :
PST-007-B257-061819

Tgt Ion:278 Resp: 31926

Ion	Ratio	Lower	Upper
278	100		
139	8.5	8.2	12.2
279	29.3	20.3	30.5





#39
Benzo(g,h,i)perylene
Concen: 3.522 ng
RT: 27.03 min Scan# 3081
Delta R.T. 0.02 min
Lab File: BE100253.D
Acq: 29 Jun 2019 2:16

Tgt Ion:276 Resp: 117207

Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.2	30.2
138	9.7	9.0	13.6