Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100315.D
Acq On : 2 Jul 2019 22:53
Operator : JU/SJ
Sample : K3504-17 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-013-SW105-062019

Quant Time: Jul 03 02:14:52 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	7.65	152	806	0.40	ng		0.00
7) Naphthalene-d8	10.43	136	3019	0.40	ng		-0.01
13) Acenaphthene-d10	14.33	164	2243	0.40	ng		0.01
19) Phenanthrene-d10	17.07	188	6333	0.40	ng		0.01
27) Chrysene-d12	21.25	240	8332	0.40	ng		0.00
34) Perylene-d12	23.68	264	9786	0.40	ng		0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.23	112	58	0.03	ng		0.01
5) Phenol-d6	6.85	99	64	0.02	ng		0.01
8) Nitrobenzene-d5	8.82	82	68	0.02	ng		0.00
11) 2-Methylnaphthalene-d10	12.05	152	139	0.02	ng		0.00
14) 2,4,6-Tribromophenol	15.82	330	65	0.04	ng		0.00
15) 2-Fluorobiphenyl	12.94	172	197	0.02	ng		0.00
25) Fluoranthene-d10	19.10	212	1437	0.02	ng		0.00
29) Terphenyl-d14	19.70	244	814	0.05	ng		0.00
Target Compounds							Qvalue
23) Phenanthrene	17.11	178	256266	16.696	ng		100
24) Anthracene	17.19	178	56786	4.108	ng	#	93
26) Fluoranthene	19.13	202	434494	17.772	ng		99
28) Pyrene	19.49	202	412700	18.709	ng	#	95
30) Benzo(a)anthracene	21.23	228	262111	9.568	ng		98
31) Chrysene	21.28	228	207765	7.552	ng		97
32) Bis(2-ethylhexyl)phthalate	21.15	149	1121	Below Cal		#	77
33) Indeno(1,2,3-cd)pyrene	26.24	276	133761	3.676	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	251532	9.480	ng	#	96
36) Benzo(k)fluoranthene	22.93	252	251532	8.493	ng		98
37) Benzo(a)pyrene	23.57	252	204642	7.696	ng	#	93
39) Benzo(g,h,i)perylene	27.04	276	135817	4.760	ng		99

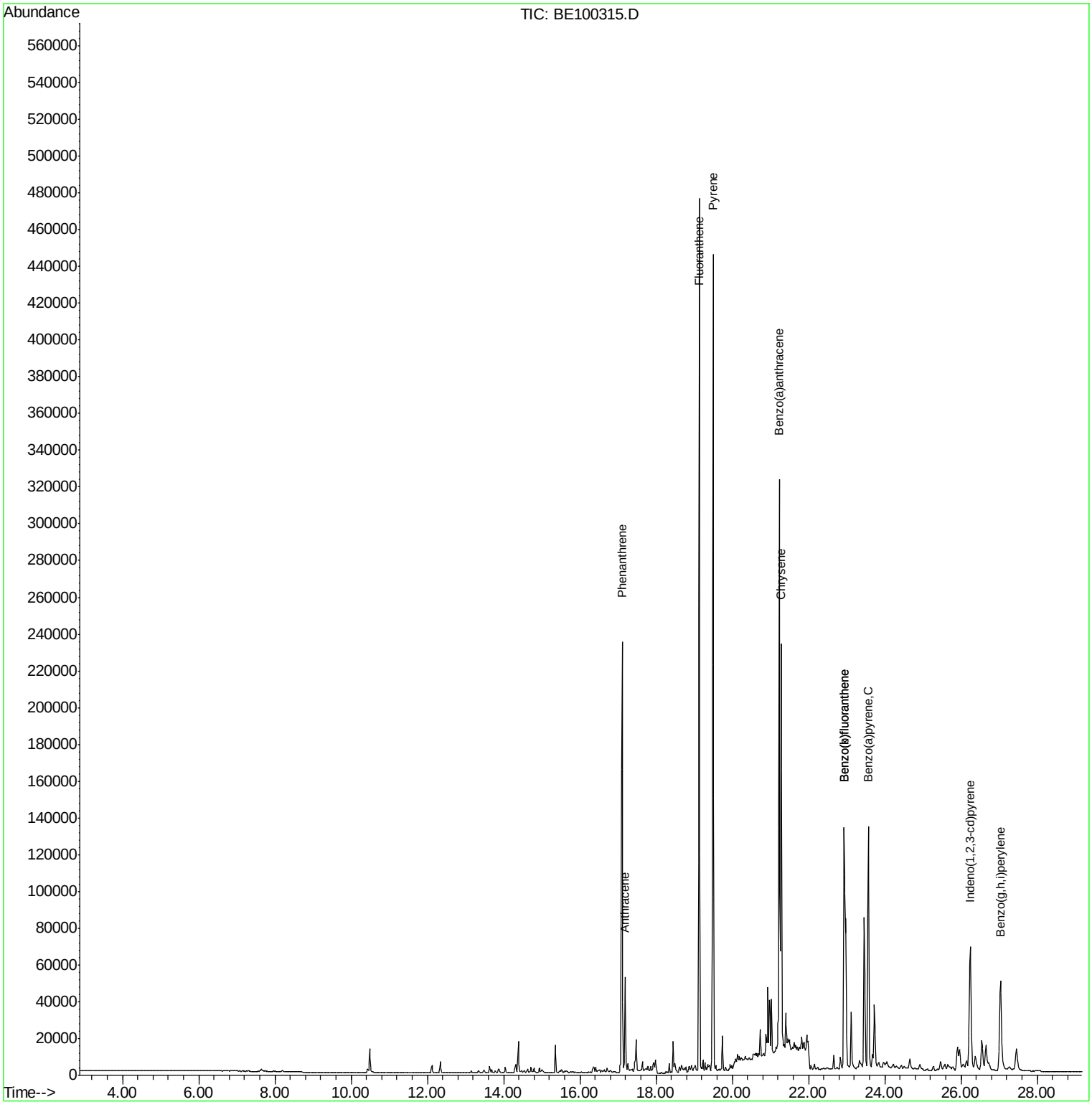
(#) = qualifier out of range (m) = manual integration (+) = signals summed

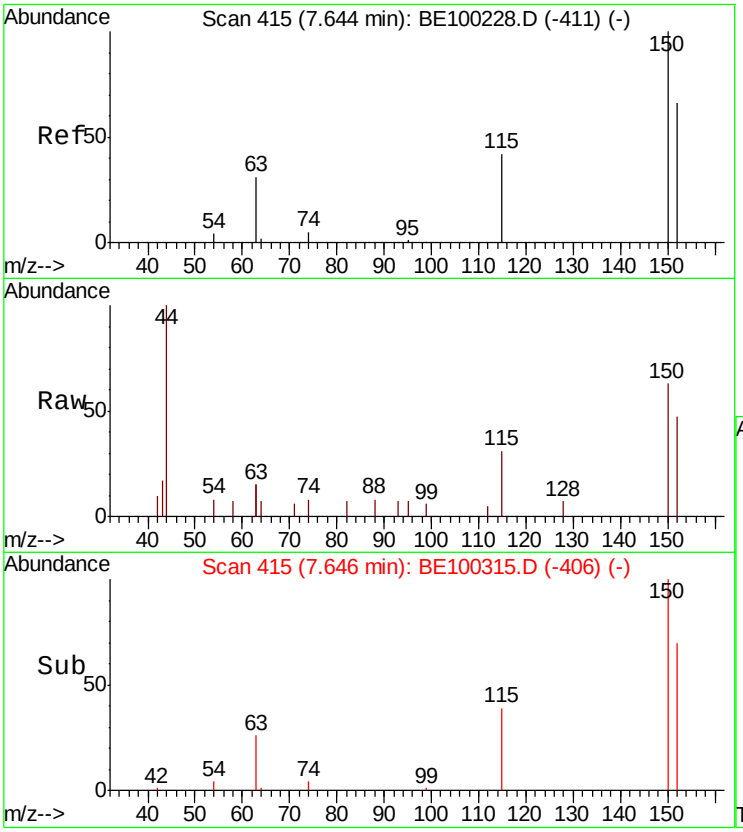
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_E\DATA\BE070219\
Data File : BE100315.D
Acq On : 2 Jul 2019 22:53
Operator : JU/SJ
Sample : K3504-17 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Quant Time: Jul 03 02:14:52 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



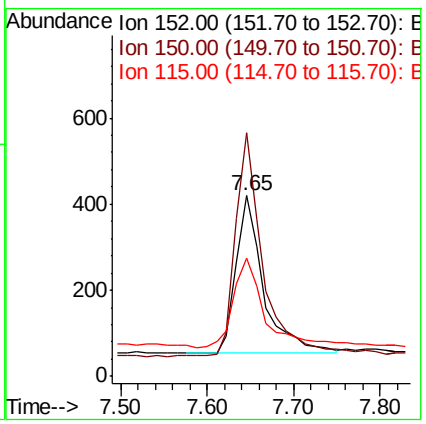


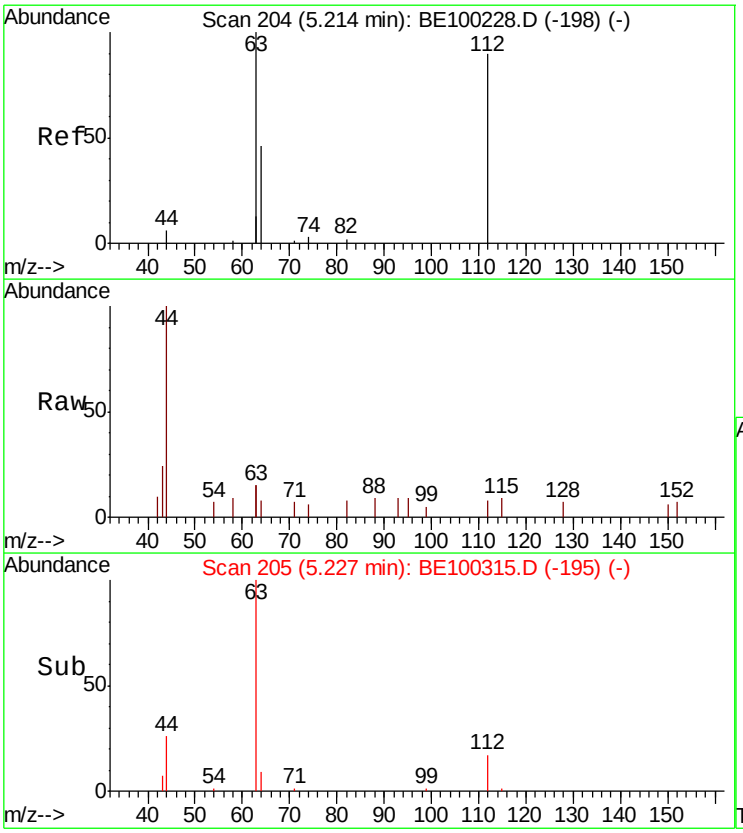
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:152 Resp: 806

Ion	Ratio	Lower	Upper
152	100		
150	135.1	114.5	171.7
115	65.9	57.1	85.7

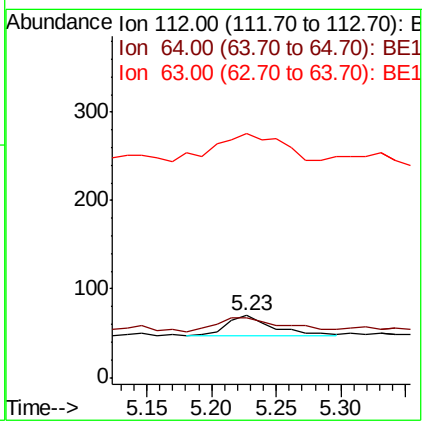


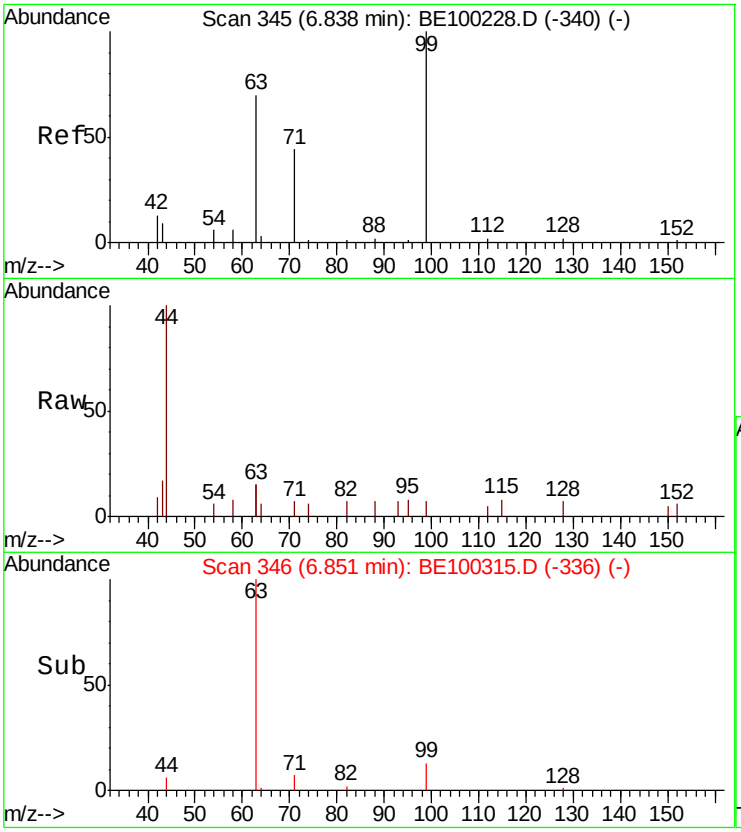


#4
2-Fluorophenol
Concen: 0.028 ng
RT: 5.23 min Scan# 205
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:112 Resp: 58

Ion	Ratio	Lower	Upper
112	100		
64	106.9	39.4	59.0#
63	198.3	104.5	156.7#



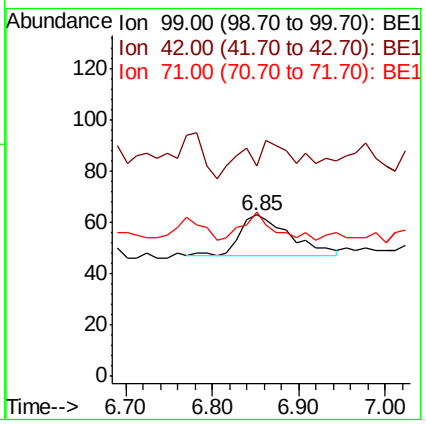


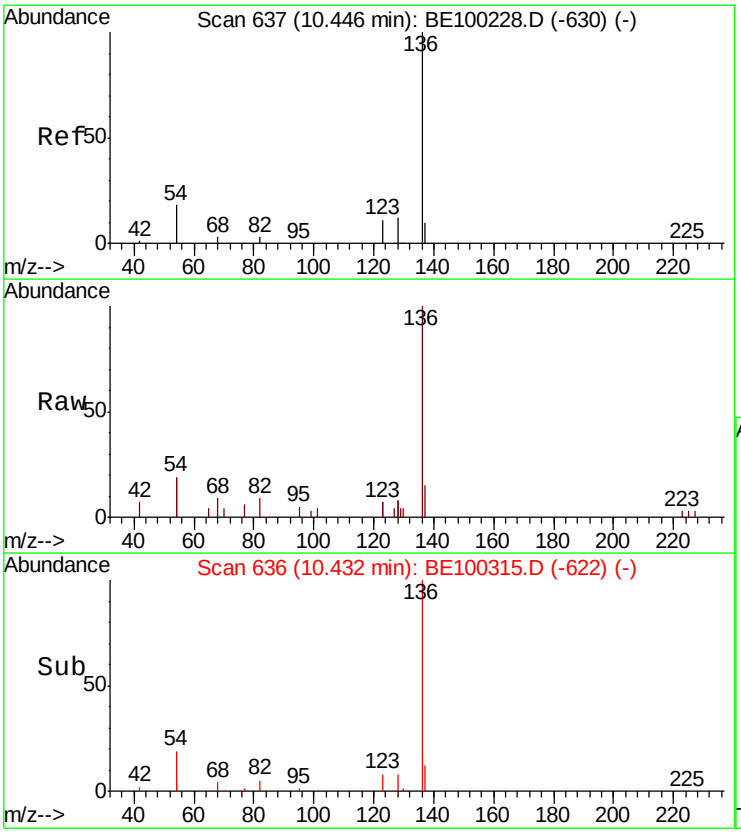
#5
Phenol-d6
Concen: 0.024 ng
RT: 6.85 min Scan# 346
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion: 99 Resp: 64

Ion	Ratio	Lower	Upper
99	100		
42	59.4	11.2	16.8#
71	42.2	37.2	55.8

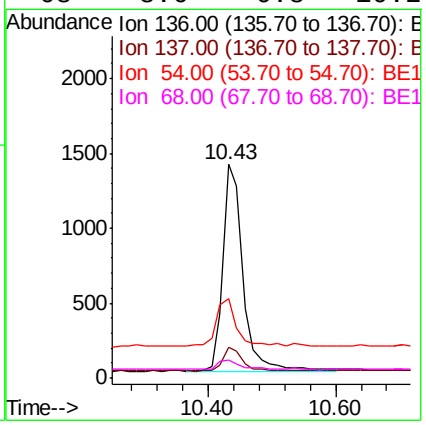


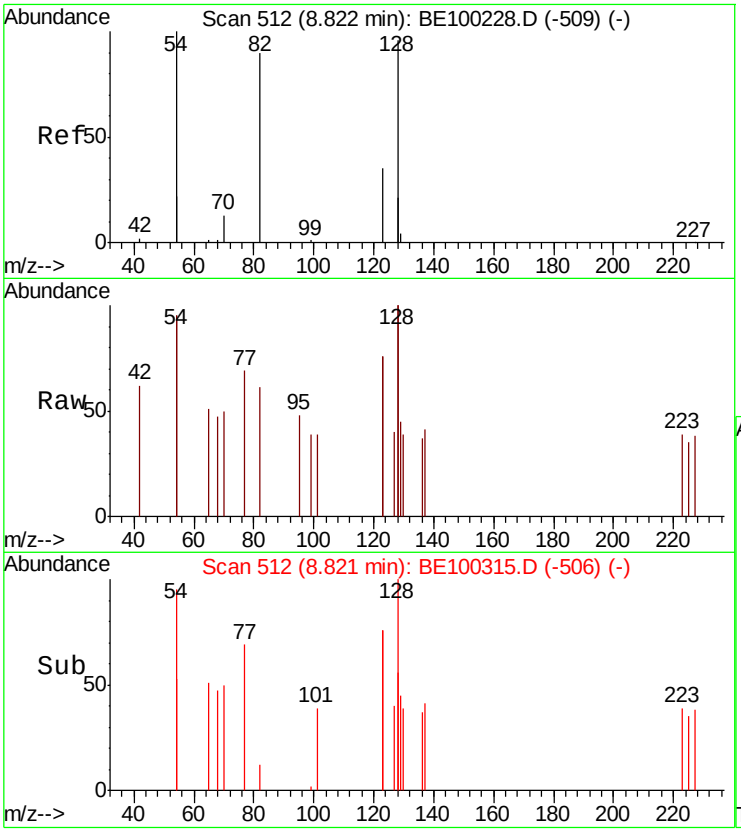


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.43 min Scan# 636
Delta R.T. -0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:136 Resp: 3019

Ion	Ratio	Lower	Upper
136	100		
137	14.6	11.8	17.8
54	37.0	27.7	41.5
68	8.6	6.8	10.2



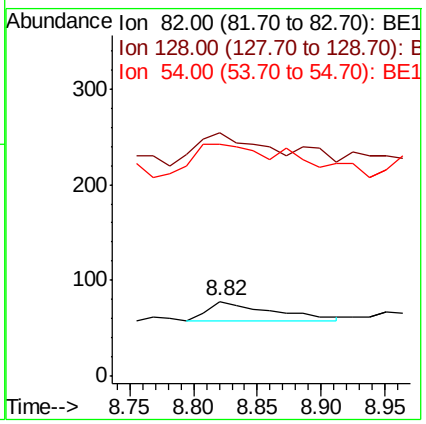


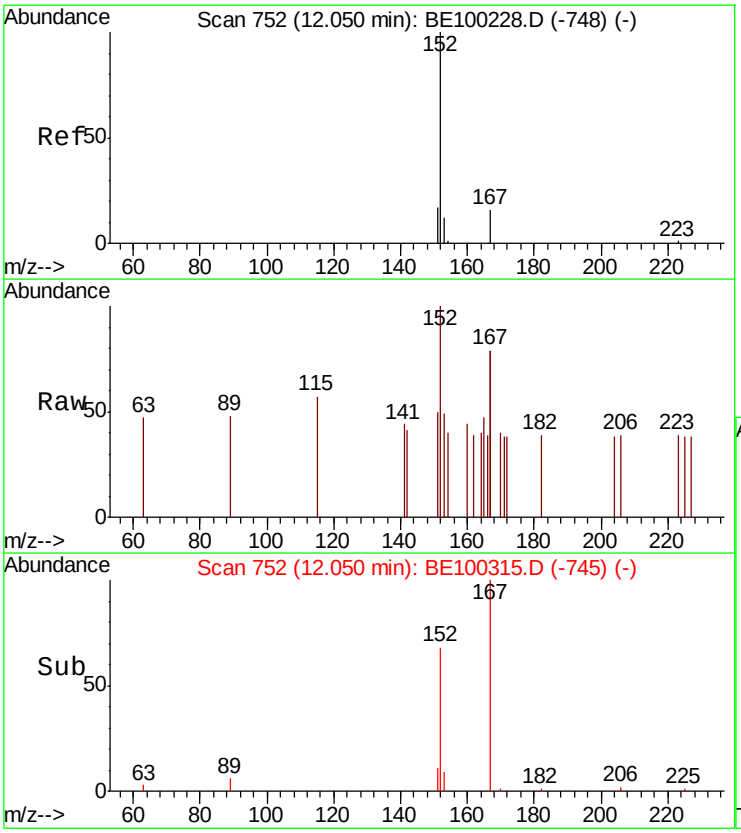
#8
Nitrobenzene-d5
Concen: 0.023 ng
RT: 8.82 min Scan# 512
Delta R.T. -0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion: 82 Resp: 68

Ion	Ratio	Lower	Upper
82	100		
128	325.6	140.9	211.3#
54	310.3	146.2	219.2#

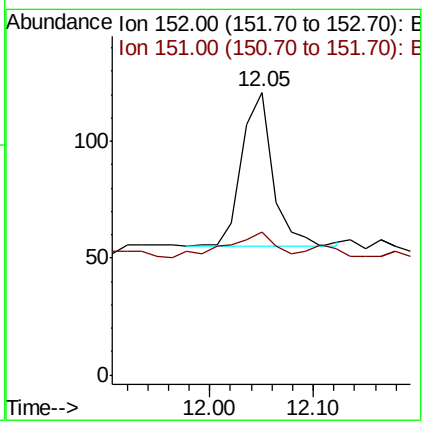


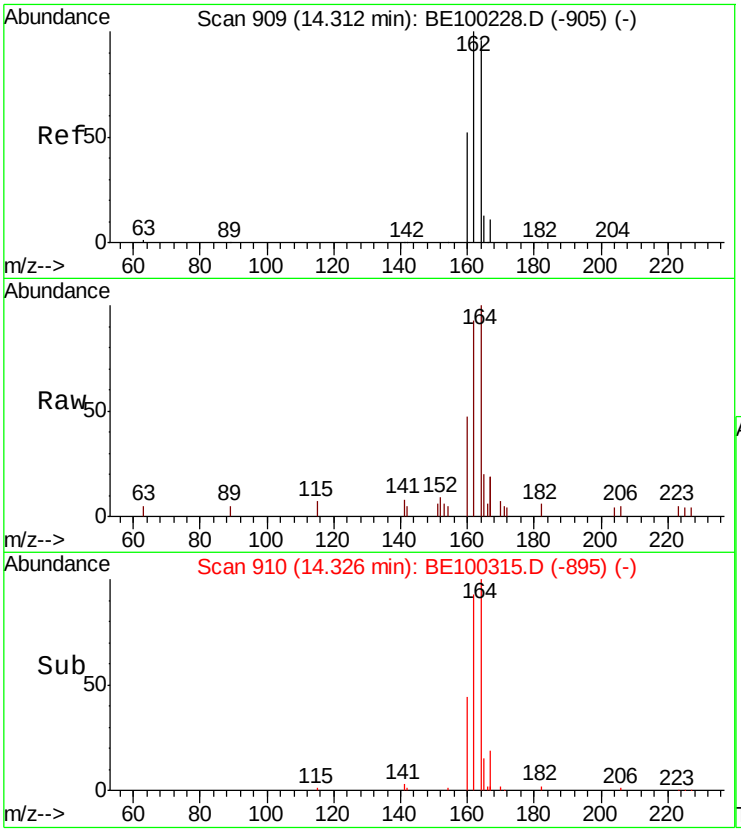


#11
2-Methylnaphthalene-d10
Concen: 0.024 ng
RT: 12.05 min Scan# 752
Delta R.T. -0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:152 Resp: 139

Ion	Ratio	Lower	Upper
152	100		
151	25.9	15.1	22.7#



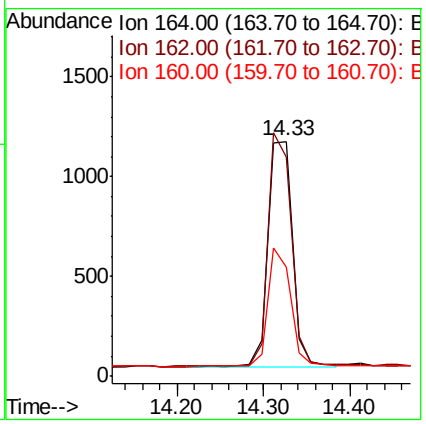


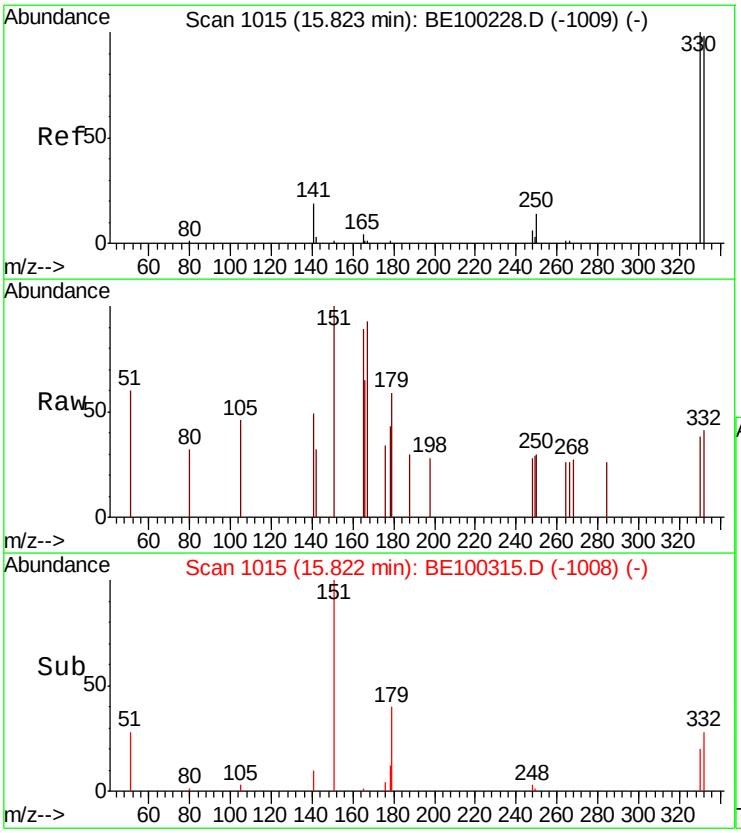
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.33 min Scan# 910
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:164 Resp: 2243

Ion	Ratio	Lower	Upper
164	100		
162	93.1	83.4	125.0
160	46.5	45.0	67.6

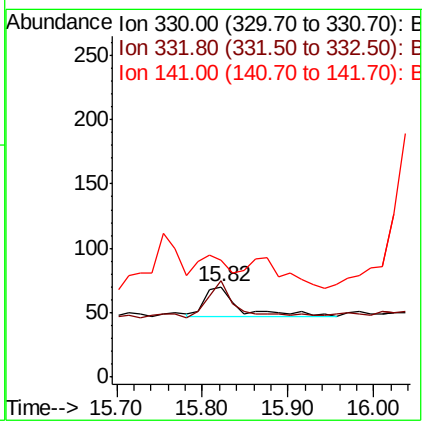


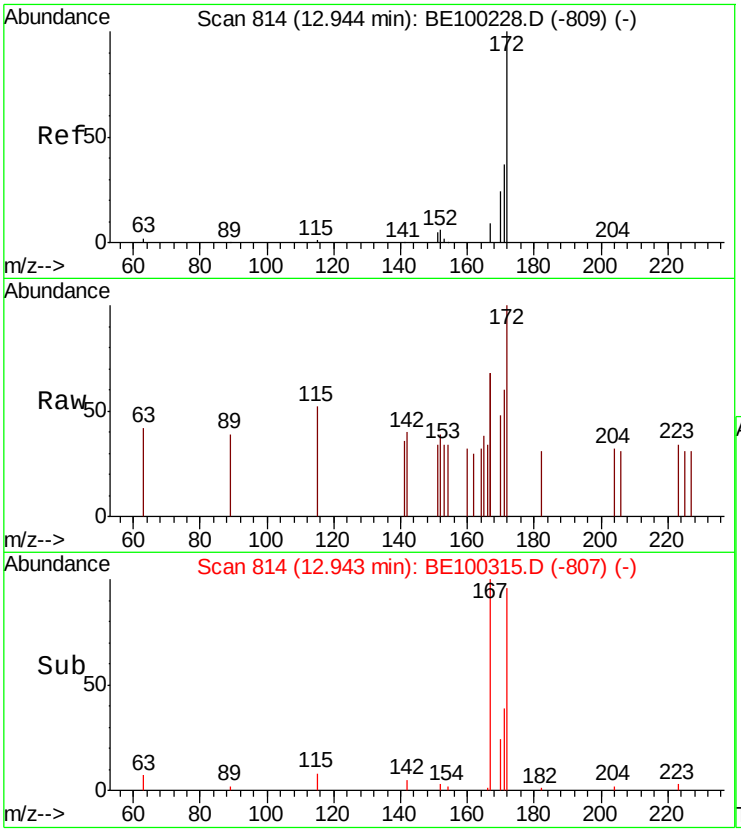


#14
2,4,6-Tribromophenol
Concen: 0.041 ng
RT: 15.82 min Scan# 1015
Delta R.T. -0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:330 Resp: 65

Ion	Ratio	Lower	Upper
330	100		
332	103.1	77.0	115.4
141	55.4	22.0	33.0#



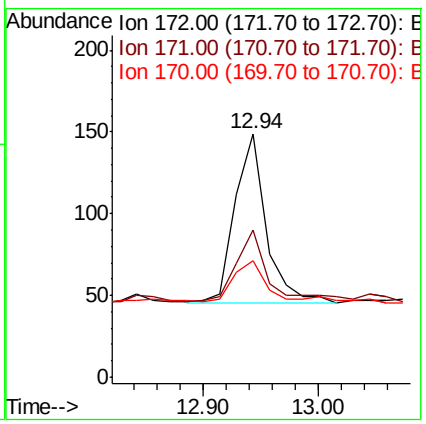


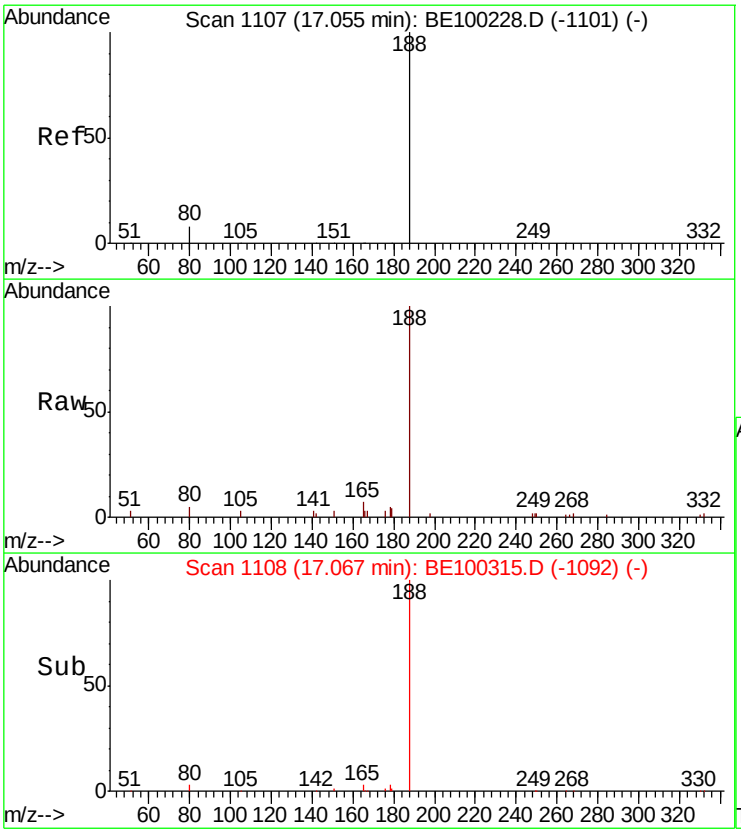
#15
2-Fluorobiphenyl
Concen: 0.023 ng
RT: 12.94 min Scan# 814
Delta R.T. -0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:172 Resp: 197

Ion	Ratio	Lower	Upper
172	100		
171	60.4	31.9	47.9#
170	47.7	22.2	33.2#

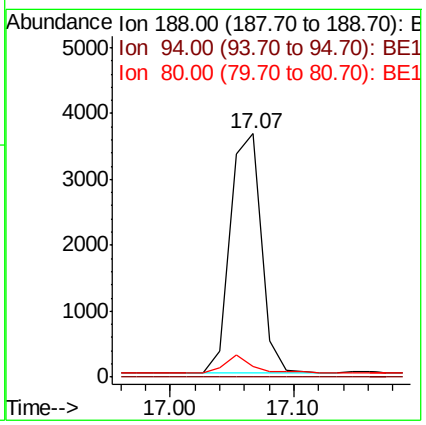


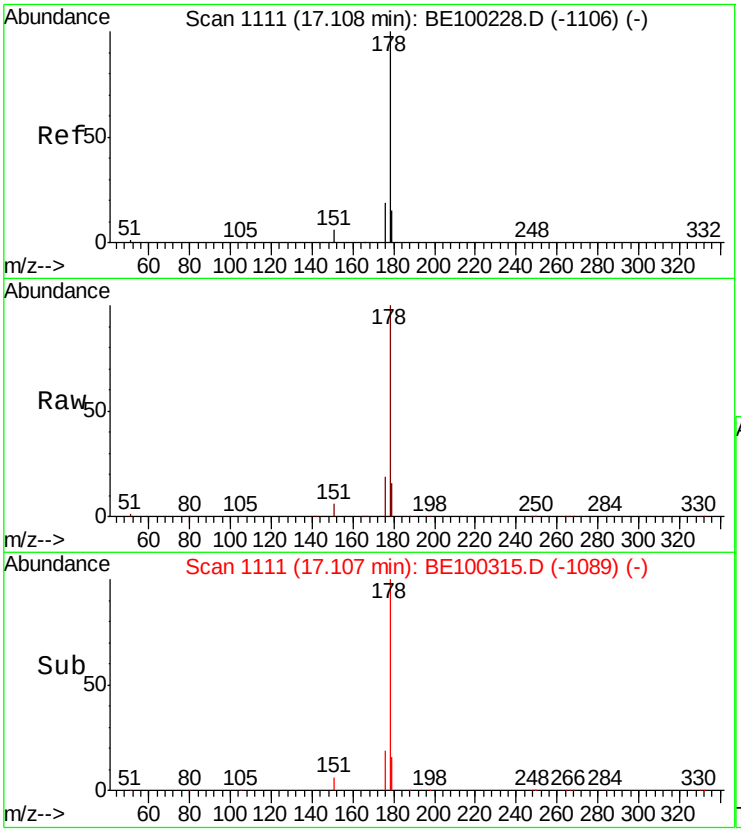


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.07 min Scan# 1108
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:188 Resp: 6333

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	4.6	7.6	11.4#



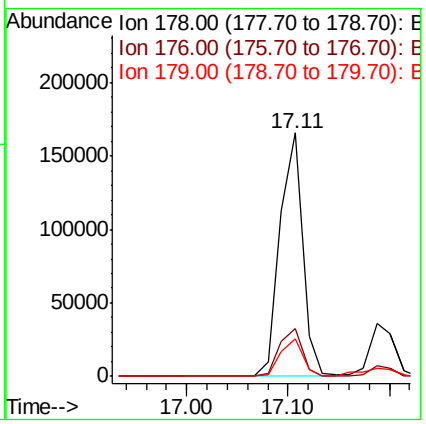


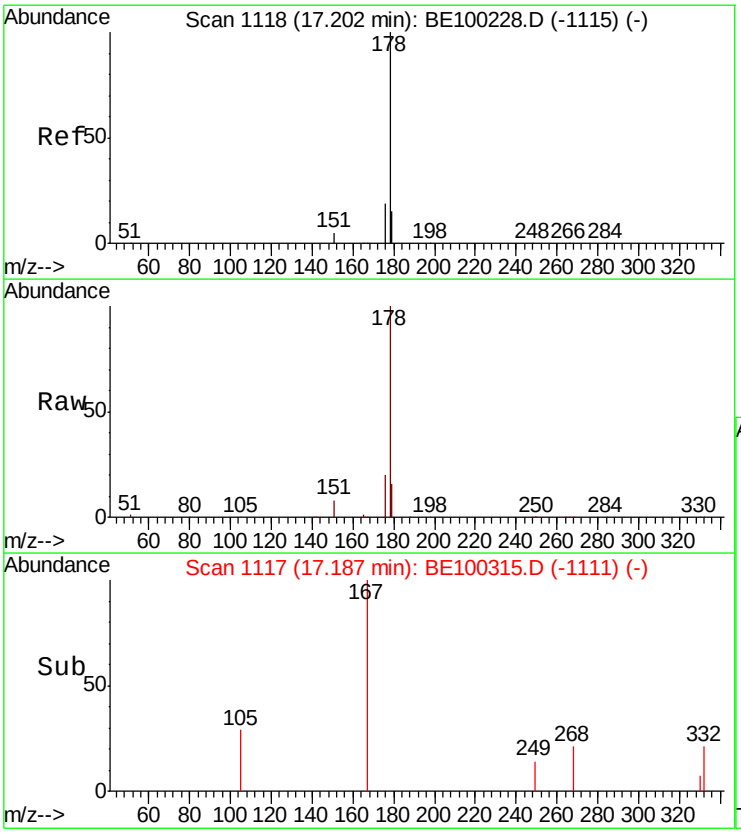
#23
Phenanthrene
Concen: 16.696 ng
RT: 17.11 min Scan# 1111
Delta R.T. -0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:178 Resp: 256266

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.6	12.2	18.2

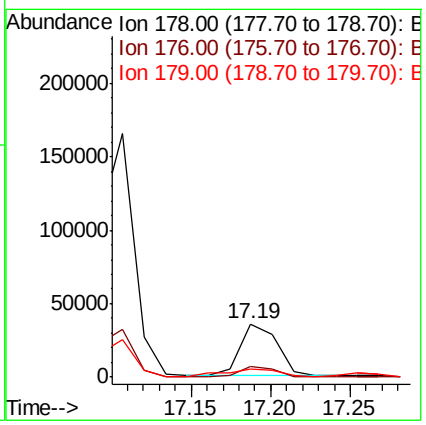


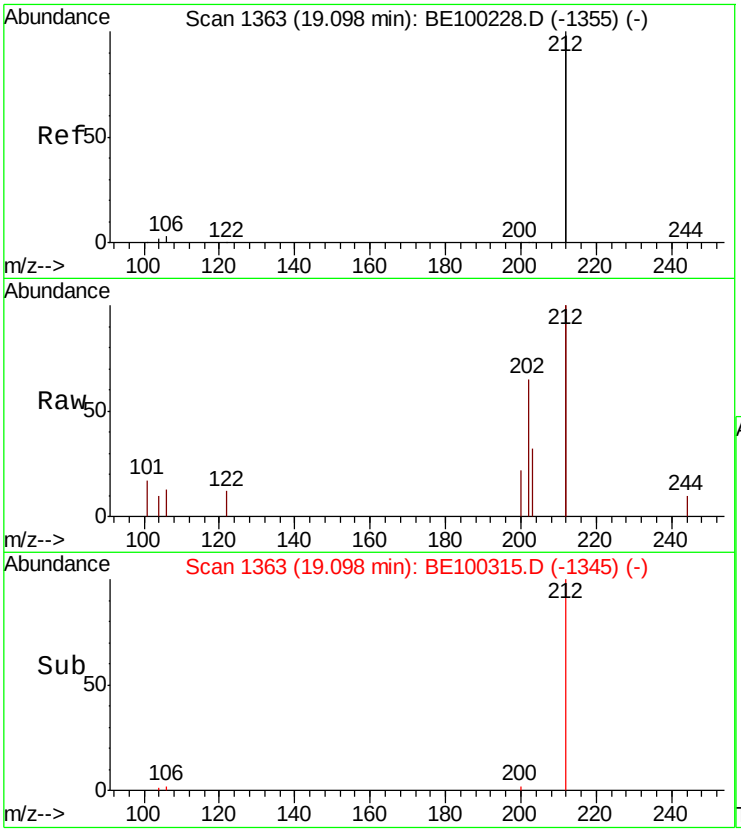


#24
Anthracene
Concen: 4.108 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:178 Resp: 56786

Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.3	22.9
179	20.9	12.2	18.2#



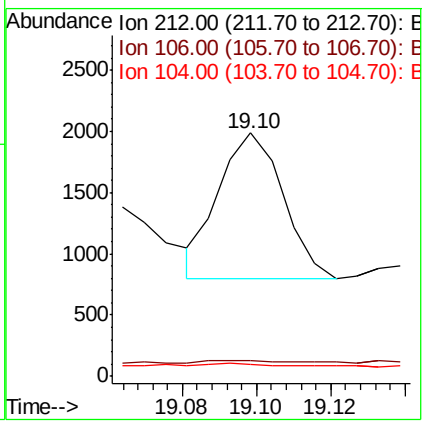


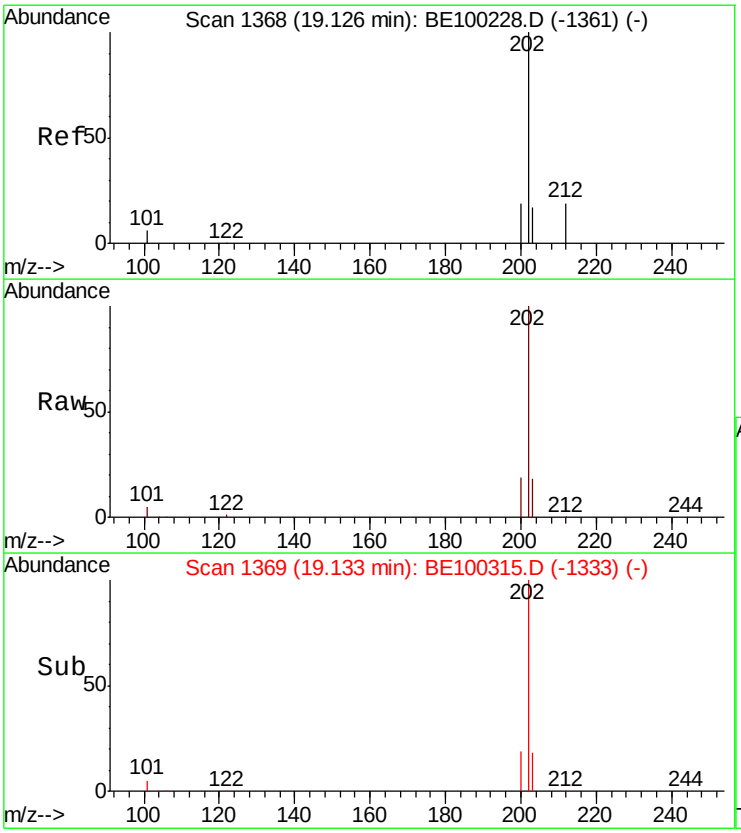
#25
Fluoranthene-d10
Concen: 0.016 ng
RT: 19.10 min Scan# 1363
Delta R.T. 0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:212 Resp: 1437

Ion	Ratio	Lower	Upper
212	100		
106	1.9	1.3	1.9#
104	2.3	0.8	1.2#

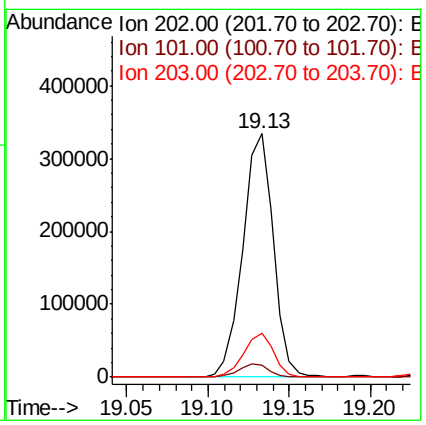


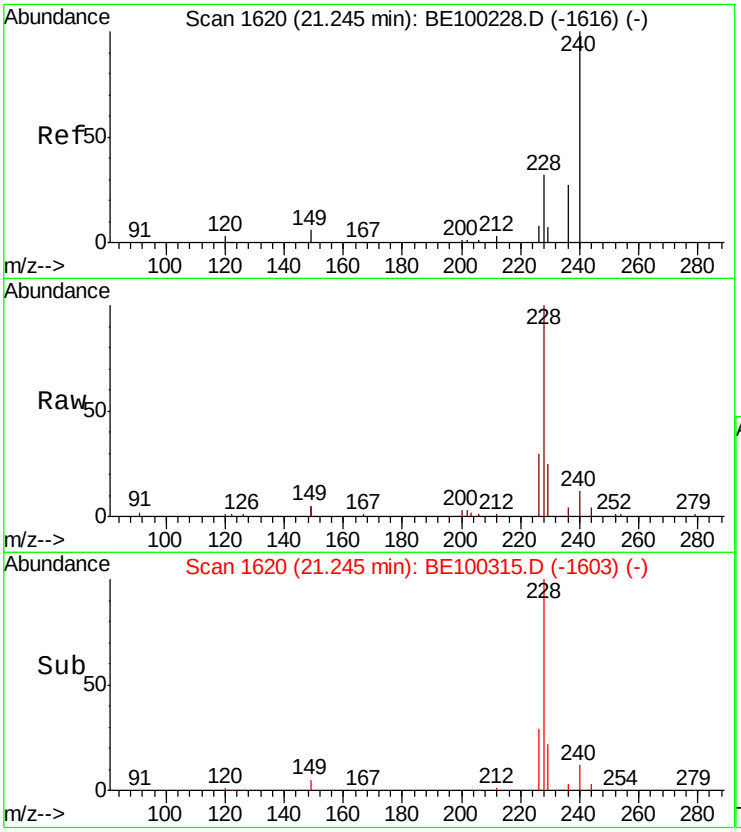


#26
Fluoranthene
Concen: 17.772 ng
RT: 19.13 min Scan# 1369
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:202 Resp: 434494

Ion	Ratio	Lower	Upper
202	100		
101	5.3	4.6	7.0
203	17.7	13.7	20.5



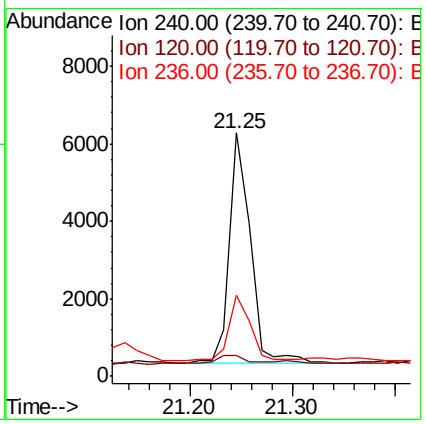


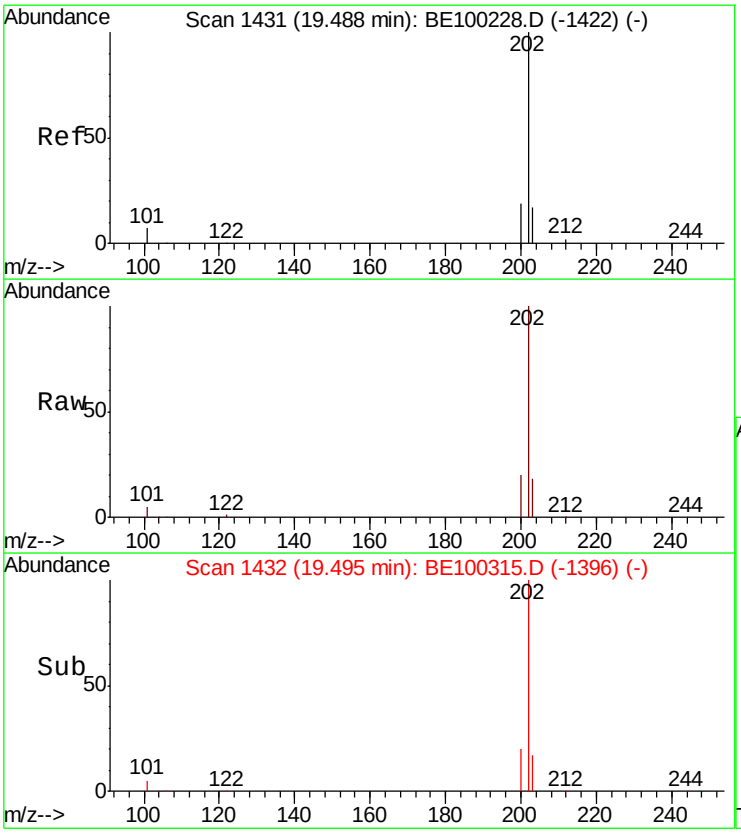
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.25 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:240 Resp: 8332

Ion	Ratio	Lower	Upper
240	100		
120	8.8	3.3	4.9#
236	33.2	22.6	34.0

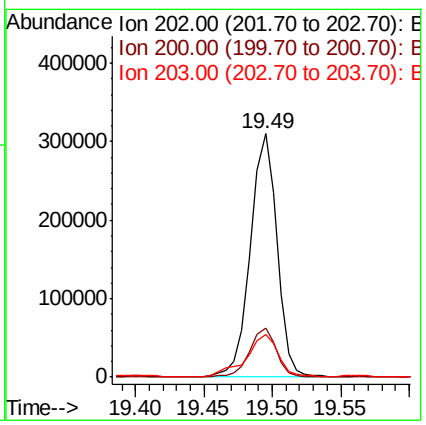


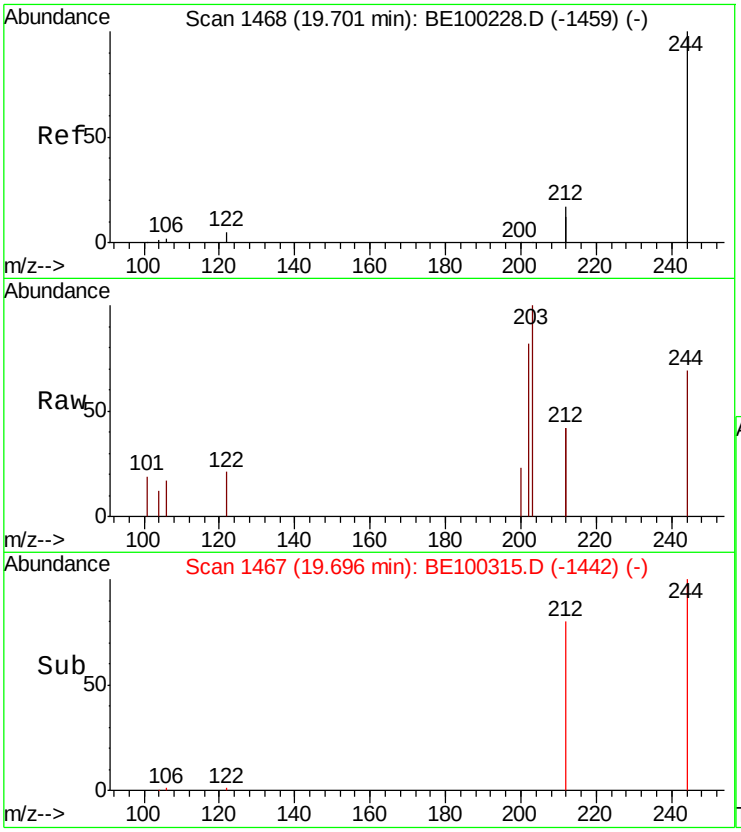


#28
Pyrene
Concen: 18.709 ng
RT: 19.49 min Scan# 1432
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:202 Resp: 412700

Ion	Ratio	Lower	Upper
202	100		
200	20.1	15.6	23.4
203	21.2	14.0	21.0#



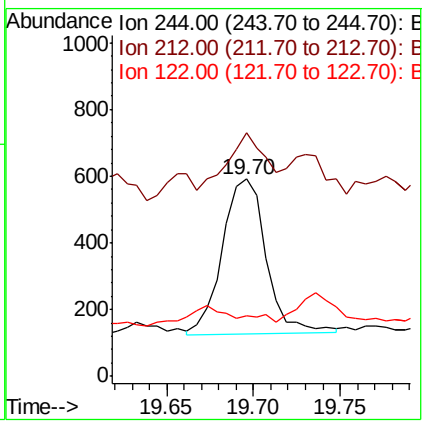


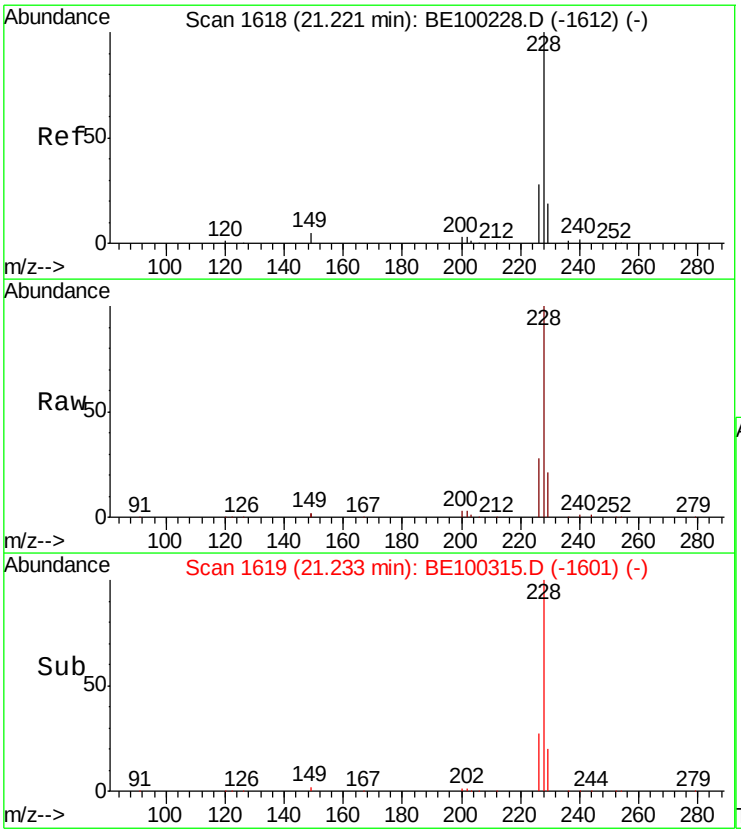
#29
Terphenyl-d14
Concen: 0.047 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:244 Resp: 814

Ion	Ratio	Lower	Upper
244	100		
212	123.5	27.3	40.9#
122	31.0	4.7	7.1#

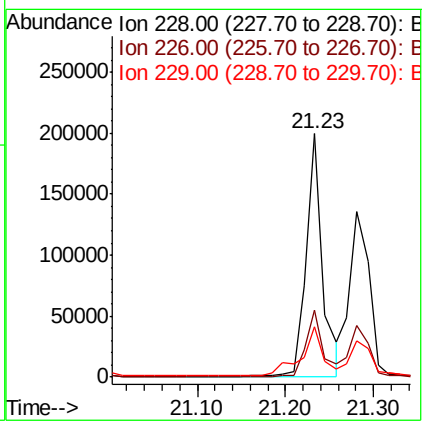


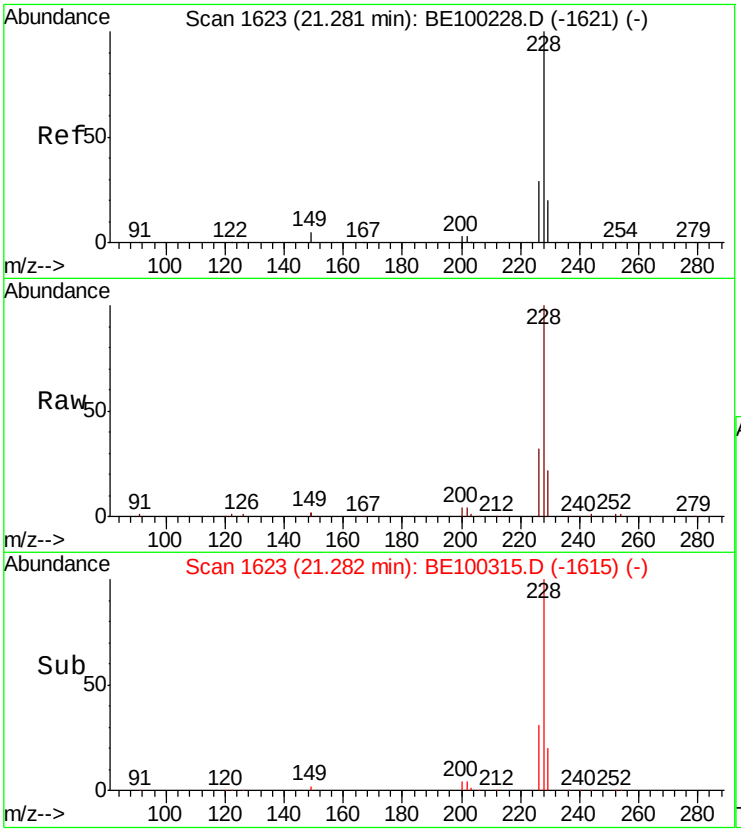


#30
Benzo(a)anthracene
Concen: 9.568 ng
RT: 21.23 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:228 Resp: 262111

Ion	Ratio	Lower	Upper
228	100		
226	27.7	23.2	34.8
229	20.7	15.7	23.5



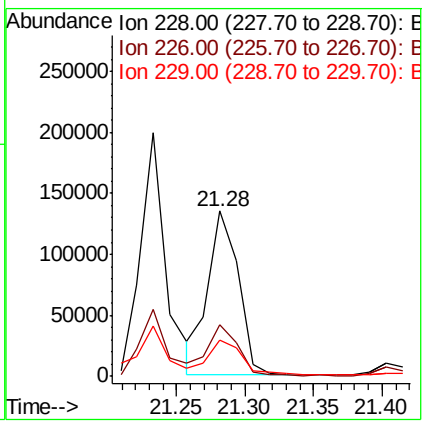


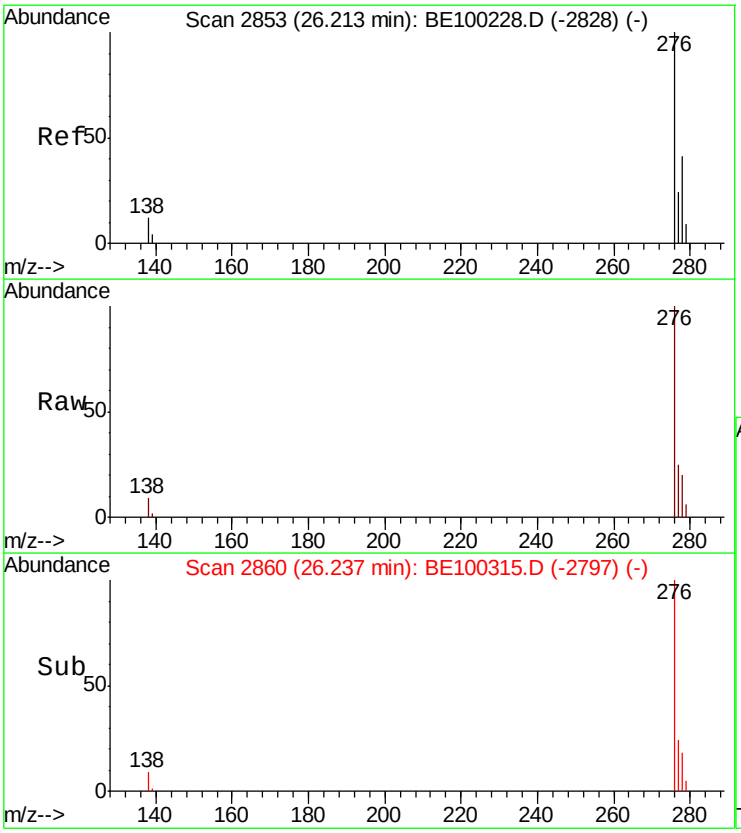
#31
Chrysene
Concen: 7.552 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:228 Resp: 207765

Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.9	35.9
229	22.3	16.5	24.7

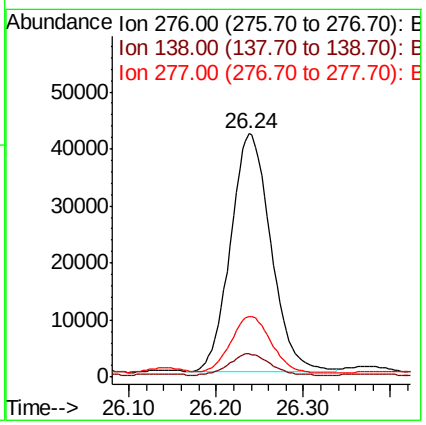


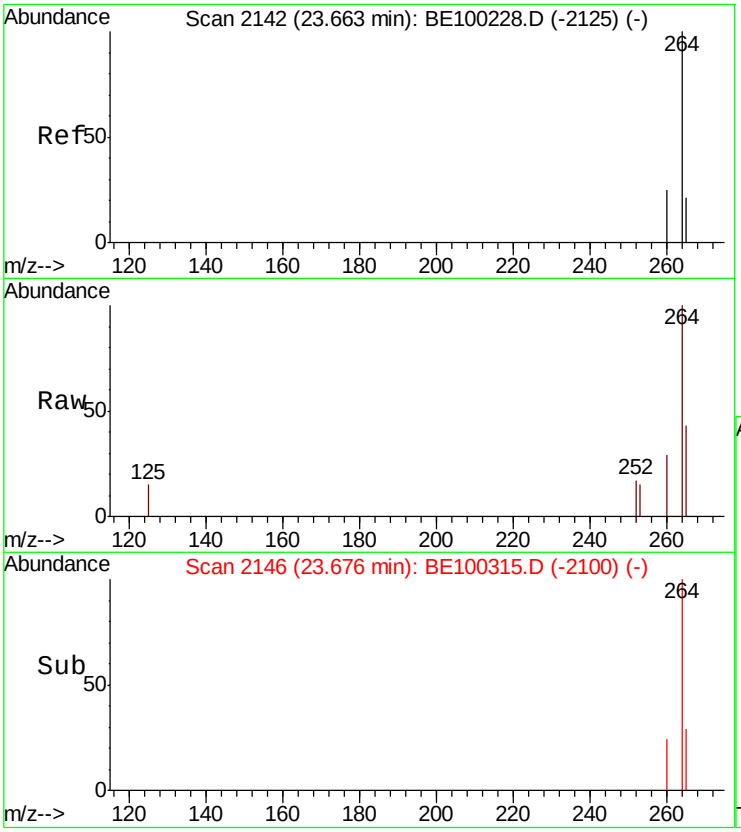


#33
Indeno(1,2,3-cd)pyrene
Concen: 3.676 ng
RT: 26.24 min Scan# 2860
Delta R.T. 0.02 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:276 Resp: 133761

Ion	Ratio	Lower	Upper
276	100		
138	8.8	9.4	14.0#
277	24.1	19.2	28.8



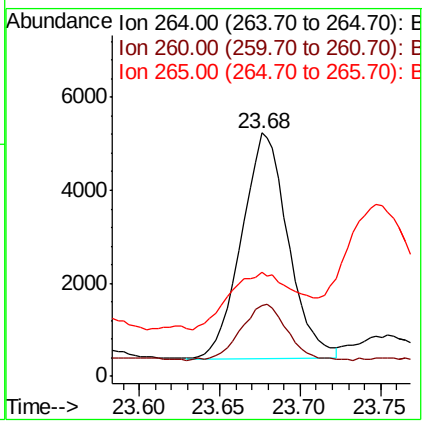


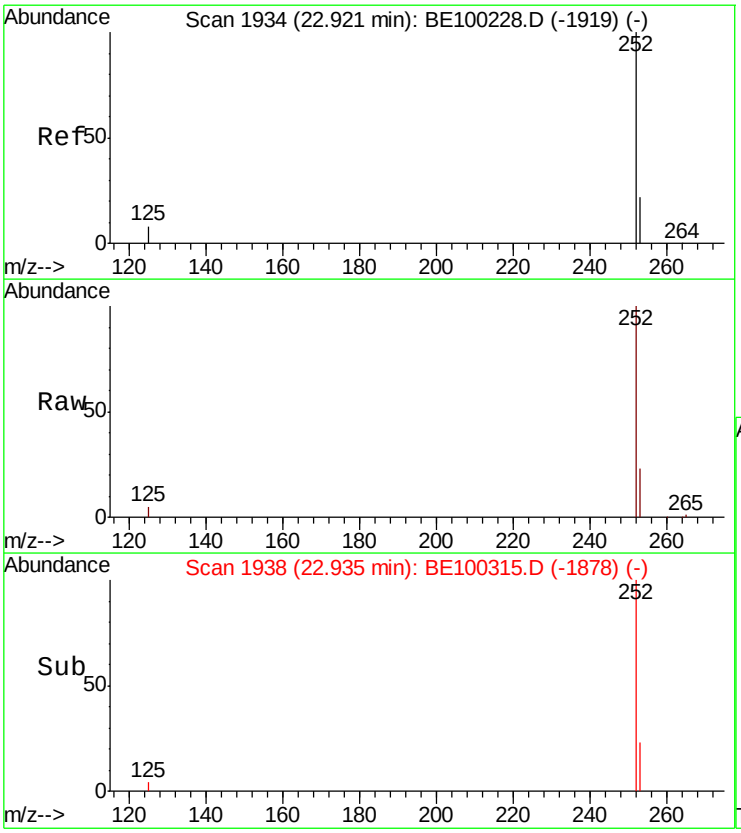
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.68 min Scan# 2146
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:264 Resp: 9786

Ion	Ratio	Lower	Upper
264	100		
260	29.1	20.8	31.2
265	42.6	21.8	32.6#

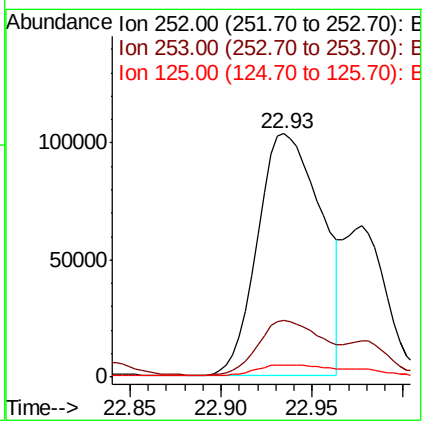


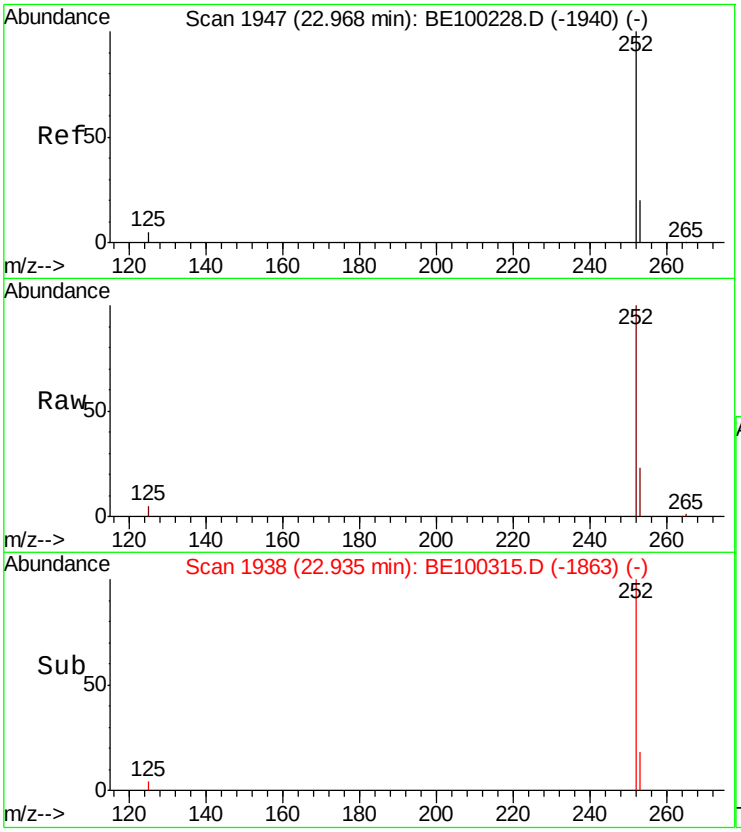


#35
Benzo(b)fluoranthene
Concen: 9.480 ng
RT: 22.93 min Scan# 1938
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:252 Resp: 251532

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.2	28.8
125	5.1	7.4	11.0#



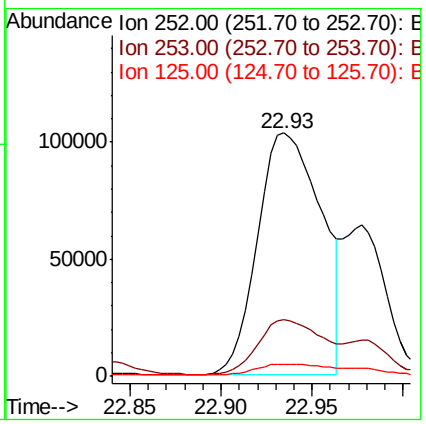


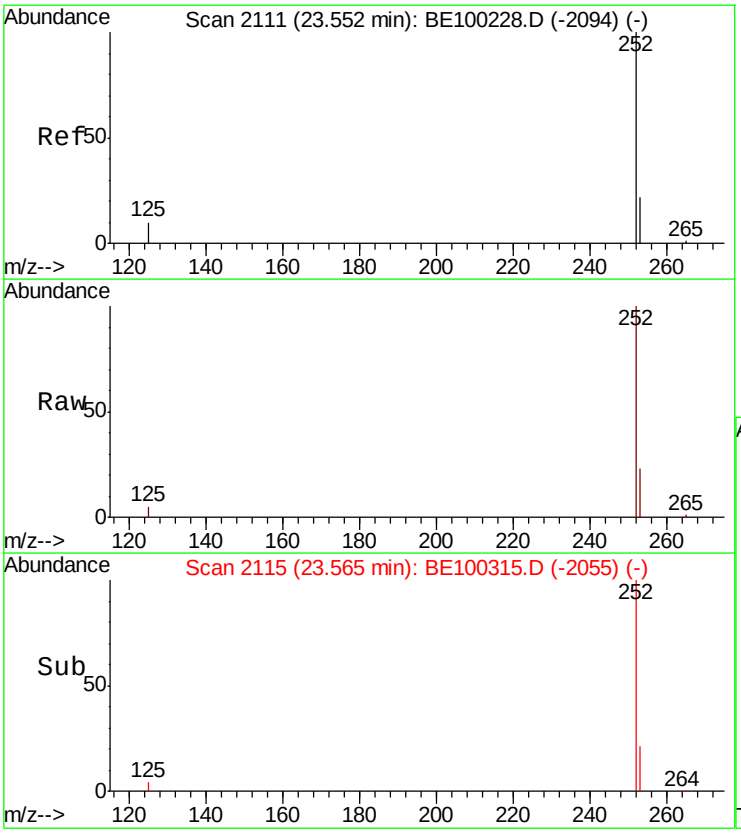
#36
Benzo(k)fluoranthene
Concen: 8.493 ng
RT: 22.93 min Scan# 1938
Delta R.T. -0.03 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:252 Resp: 251532

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	5.1	5.0	7.4

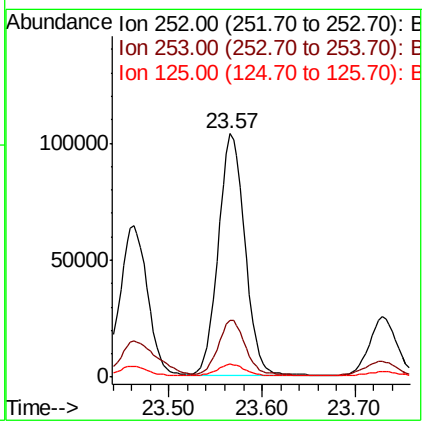


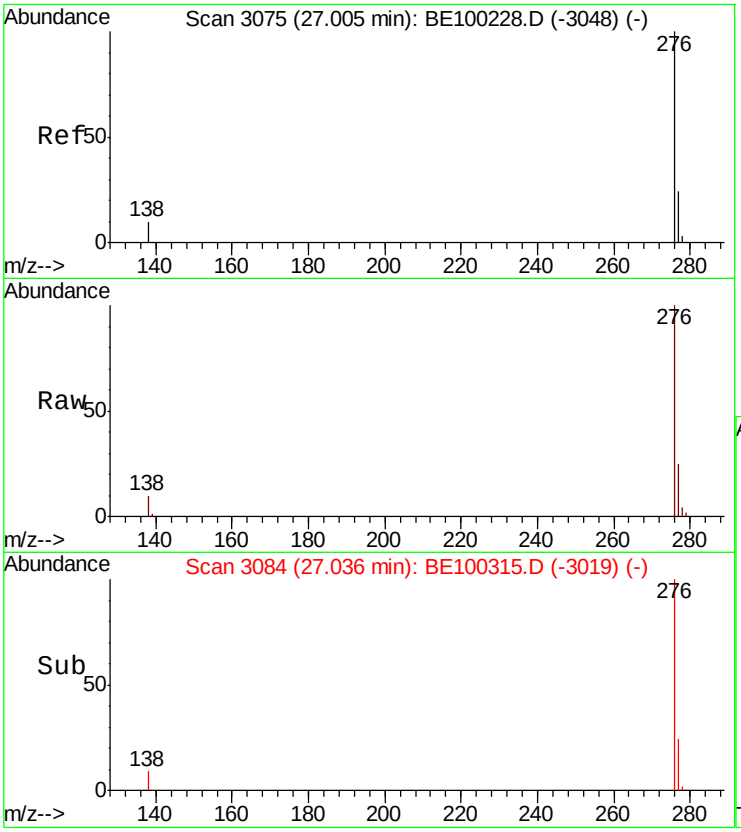


#37
Benzo(a)pyrene
Concen: 7.696 ng
RT: 23.57 min Scan# 2115
Delta R.T. 0.01 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Tgt Ion:252 Resp: 204642

Ion	Ratio	Lower	Upper
252	100		
253	23.1	19.6	29.4
125	5.2	9.0	13.6#





#39
Benzo(g,h,i)perylene
Concen: 4.760 ng
RT: 27.04 min Scan# 3084
Delta R.T. 0.03 min
Lab File: BE100315.D
Acq: 2 Jul 2019 22:53

Instrument :
BNA_E
ClientSampleId :
PST-013-SW105-062019

Tgt Ion:276 Resp: 135817

Ion	Ratio	Lower	Upper
276	100		
277	25.1	20.2	30.2
138	9.8	9.0	13.6