Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100325.D
Acq On : 3 Jul 2019 12:56
Operator : JU/SJ
Sample : K3505-01DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId : PST-013-B214-062019DL

Quant Time: Jul 04 00:35:13 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	439	0.40	ng		0.01
7) Naphthalene-d8	10.45	136	1895	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	1738	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5424	0.40	ng		0.00
27) Chrysene-d12	21.24	240	7524	0.40	ng		0.00
34) Perylene-d12	23.67	264	8716	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.19	112	14	0.01	ng		-0.02
5) Phenol-d6	6.80	99	8	0.01	ng		-0.04
8) Nitrobenzene-d5	8.87	82	15	0.01	ng		0.05
11) 2-Methylnaphthalene-d10	12.05	152	102	0.03	ng		0.00
14) 2,4,6-Tribromophenol	15.86	330	10	0.01	ng		0.04
15) 2-Fluorobiphenyl	12.94	172	164	0.02	ng		0.00
25) Fluoranthene-d10	19.09	212	1553	0.02	ng		0.00
29) Terphenyl-d14	19.69	244	2028	0.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.08	88	35	0.051	ng	#	24
9) Naphthalene	10.50	128	4243	0.203	ng	#	93
12) 2-Methylnaphthalene	12.14	142	851	0.232	ng		97
16) Acenaphthylene	14.04	152	3184	0.382	ng		97
17) Acenaphthene	14.37	154	1426	0.302	ng		97
18) Fluorene	15.35	166	4534	0.649	ng		96
23) Phenanthrene	17.09	178	78516	5.973	ng		100
24) Anthracene	17.19	178	10758	0.909	ng	#	96
26) Fluoranthene	19.12	202	94168	4.497	ng		99
28) Pyrene	19.48	202	128124	6.432	ng		96
30) Benzo(a)anthracene	21.22	228	63152	2.553	ng		98
31) Chrysene	21.28	228	69977	2.817	ng		98
32) Bis(2-ethylhexyl)phthalate	21.15	149	1492	Below Cal		#	90
33) Indeno(1,2,3-cd)pyrene	26.22	276	31027	0.944	ng	#	97
35) Benzo(b)fluoranthene	22.93	252	58533	2.477	ng	#	96
36) Benzo(k)fluoranthene	22.93	252	58533	2.219	ng		98
37) Benzo(a)pyrene	23.72	252	9476	0.400	ng		95
38) Dibenzo(a,h)anthracene	26.24	278	7766	0.314	ng	#	87
39) Benzo(g,h,i)perylene	27.01	276	36164	1.423	ng		99

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

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PST-013-B214-062019DL

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 28 14:06:53 2019
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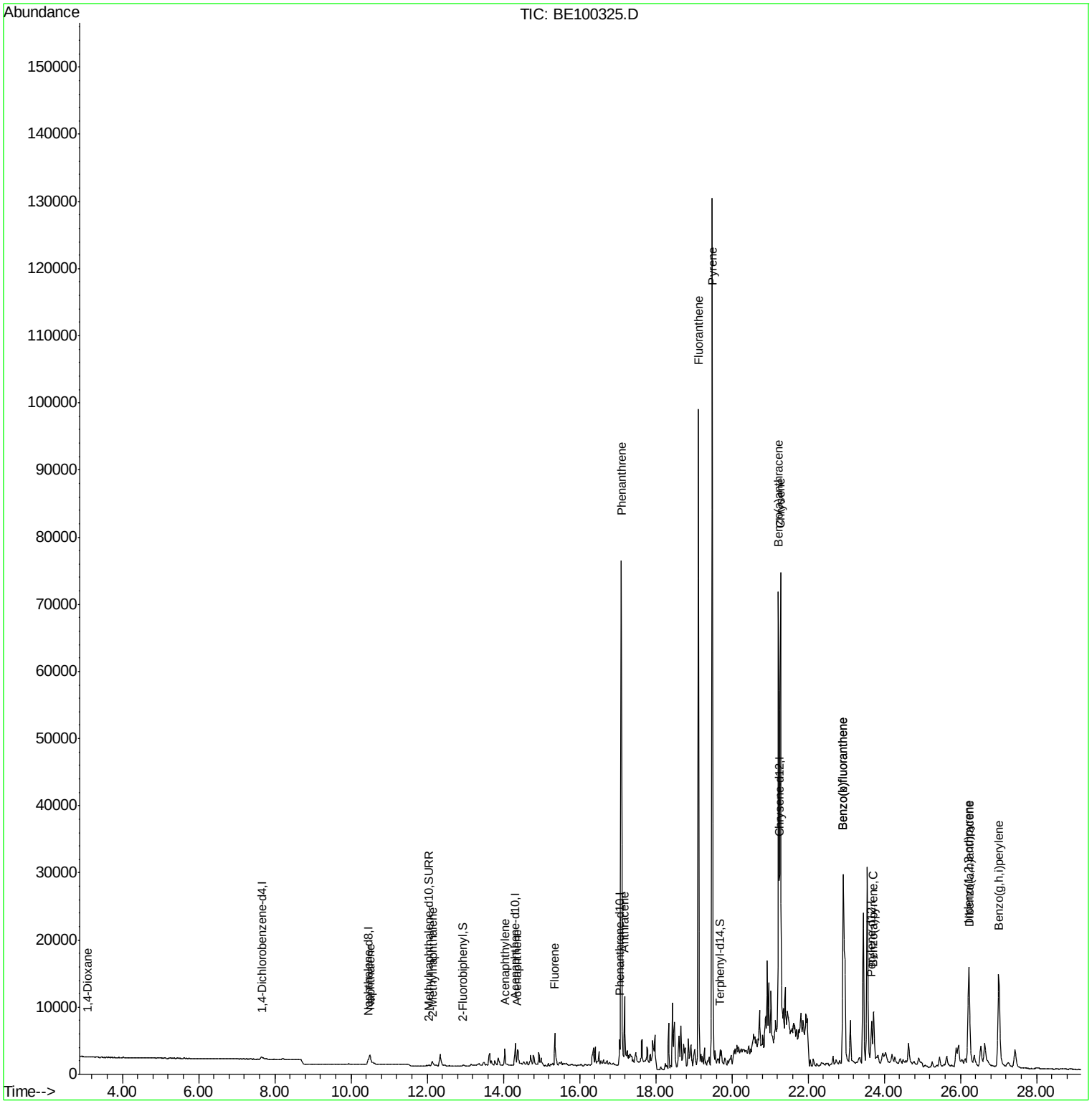
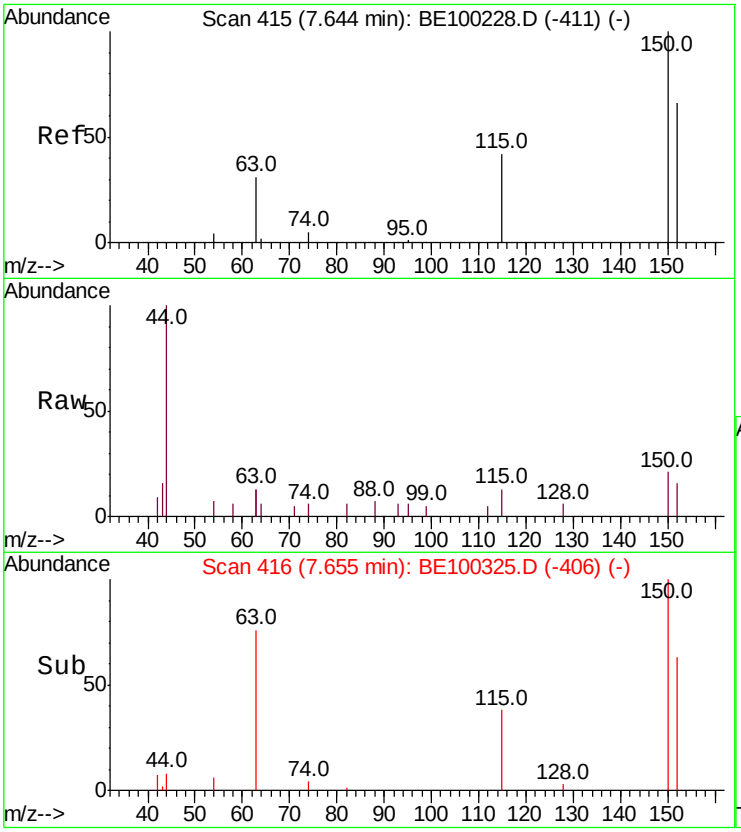


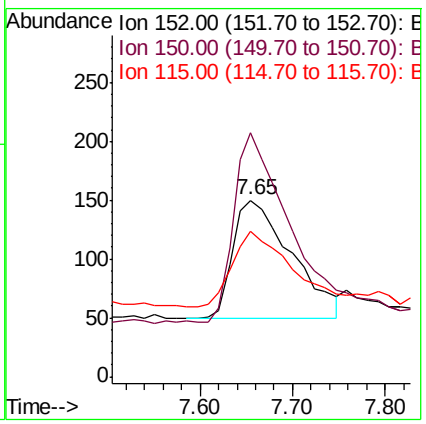


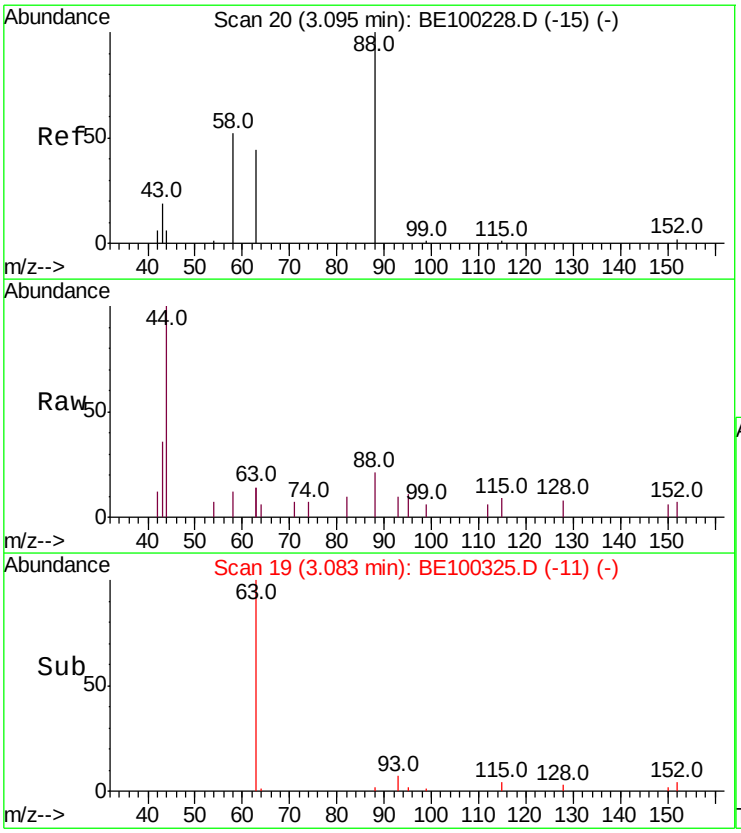
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.65 min Scan# 416
Delta R.T. 0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:152 Resp: 439

Ion	Ratio	Lower	Upper
152	100		
150	138.0	114.5	171.7
115	82.7	57.1	85.7

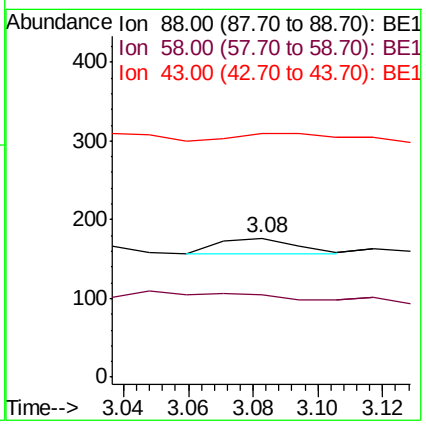


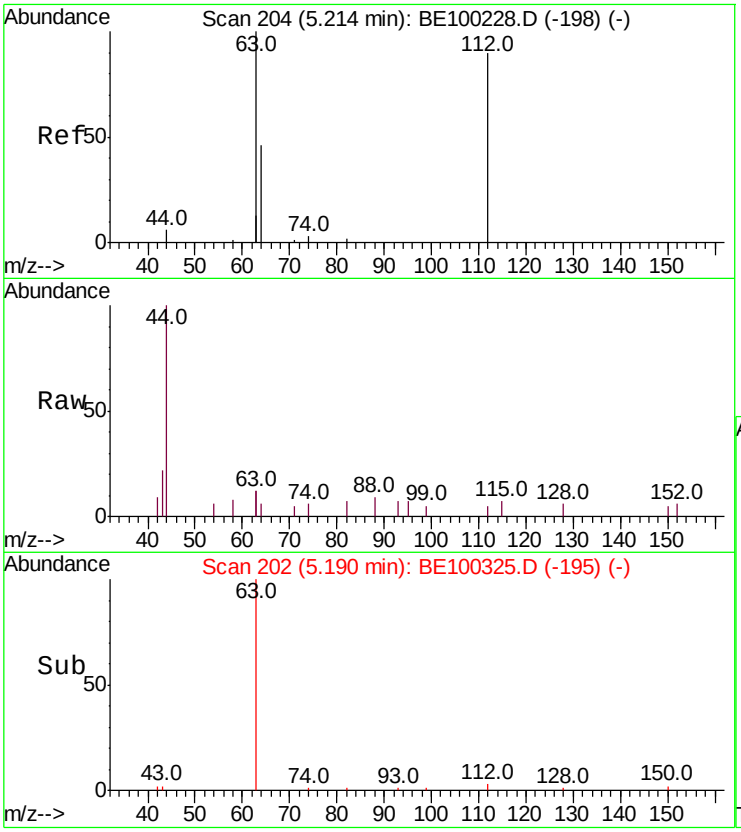


#2
1,4-Dioxane
Concen: 0.051 ng
RT: 3.08 min Scan# 19
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion: 88 Resp: 35

Ion	Ratio	Lower	Upper
88	100		
58	0.0	43.6	65.4#
43	65.7	21.4	32.0#



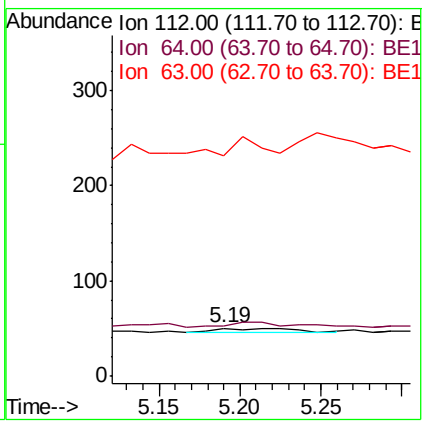


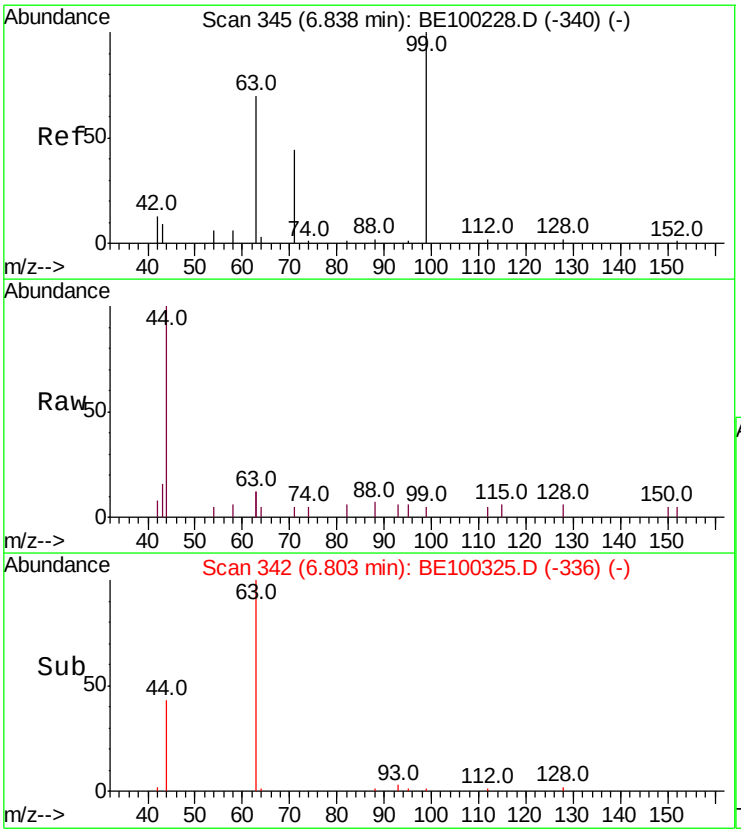
#4
2-Fluorophenol
Concen: 0.013 ng
RT: 5.19 min Scan# 202
Delta R.T. -0.02 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:112 Resp: 14

Ion	Ratio	Lower	Upper
112	100		
64	121.4	39.4	59.0#
63	128.6	104.5	156.7

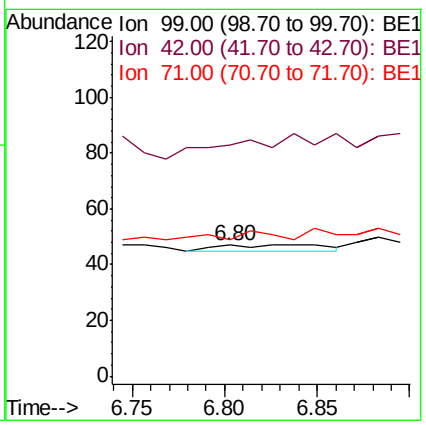


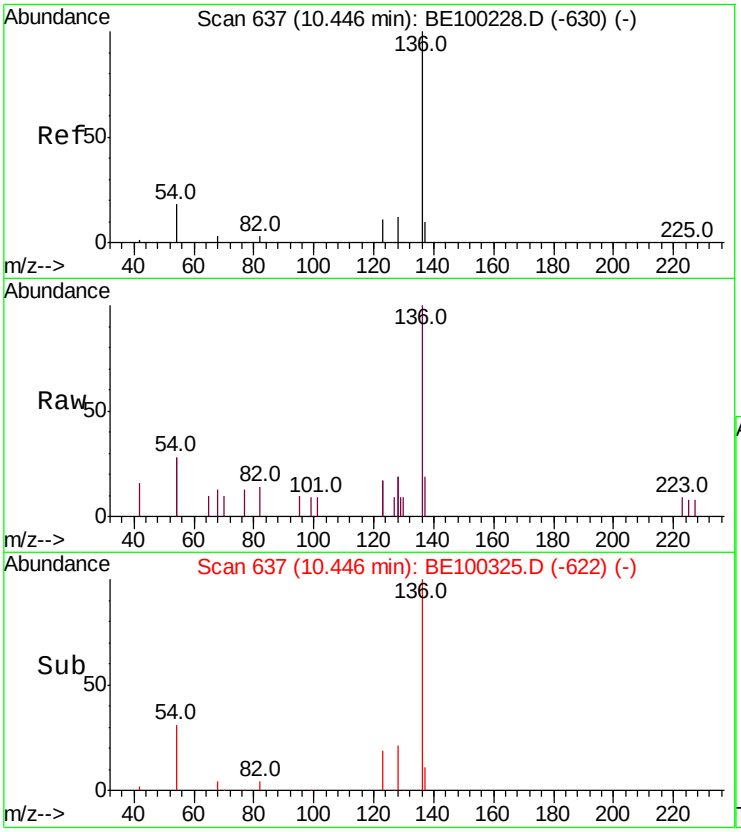


#5
Phenol-d6
Concen: 0.005 ng
RT: 6.80 min Scan# 342
Delta R.T. -0.04 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion: 99 Resp: 8

Ion	Ratio	Lower	Upper
99	100		
42	212.5	11.2	16.8#
71	75.0	37.2	55.8#



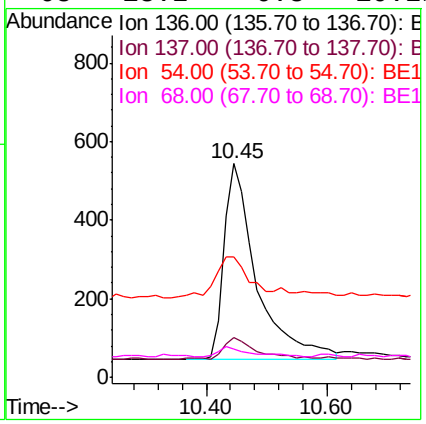


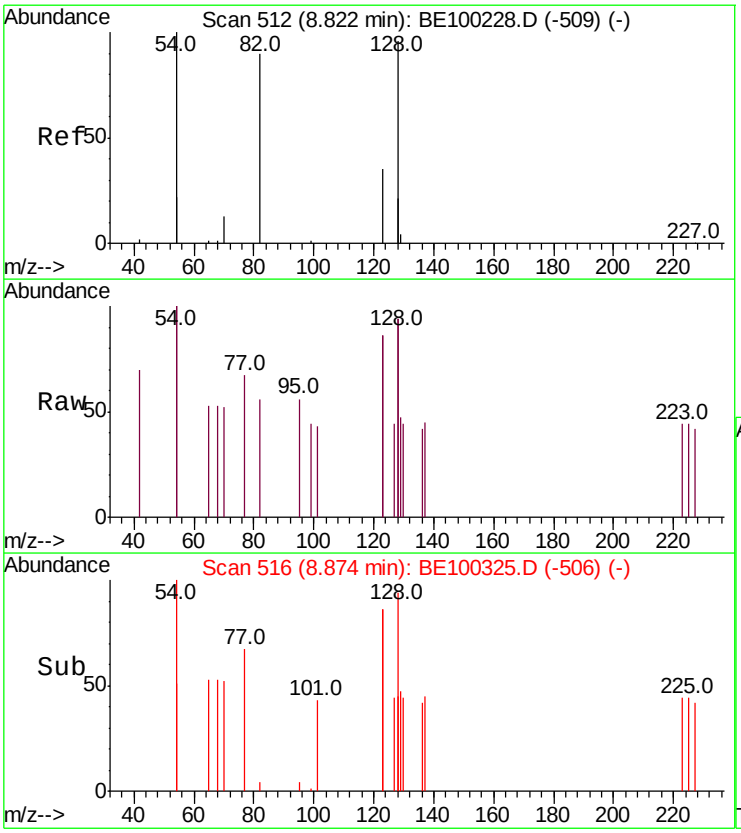
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.45 min Scan# 637
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:136 Resp: 1895

Ion	Ratio	Lower	Upper
136	100		
137	18.6	11.8	17.8#
54	56.3	27.7	41.5#
68	13.2	6.8	10.2#

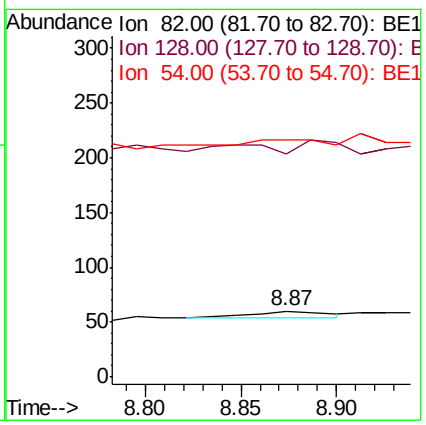


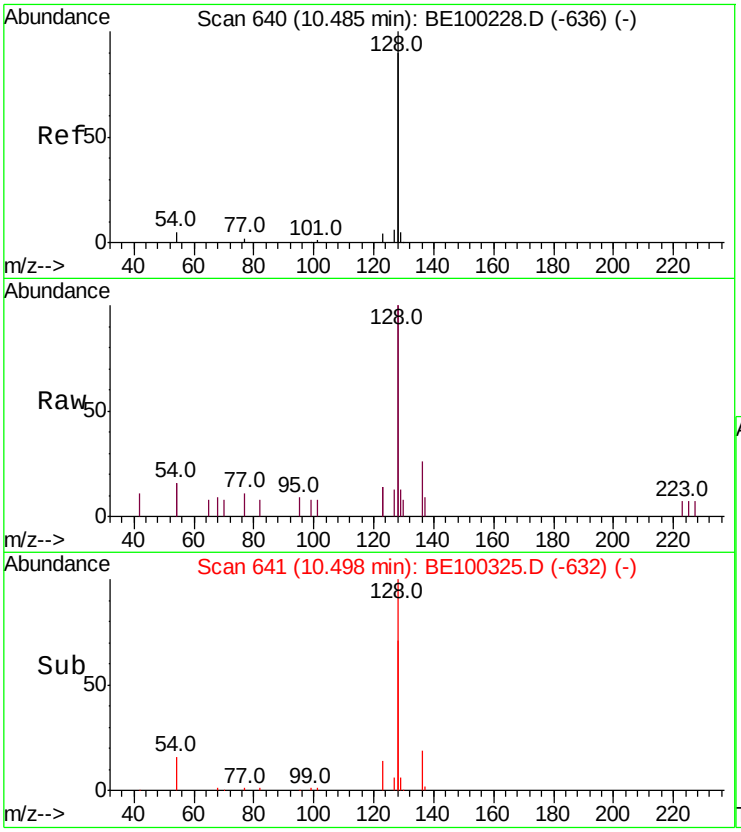


#8
Nitrobenzene-d5
Concen: 0.008 ng
RT: 8.87 min Scan# 516
Delta R.T. 0.05 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion: 82 Resp: 15

Ion	Ratio	Lower	Upper
82	100		
128	340.0	140.9	211.3#
54	360.0	146.2	219.2#



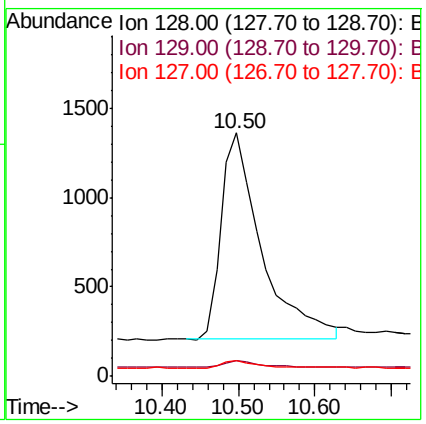


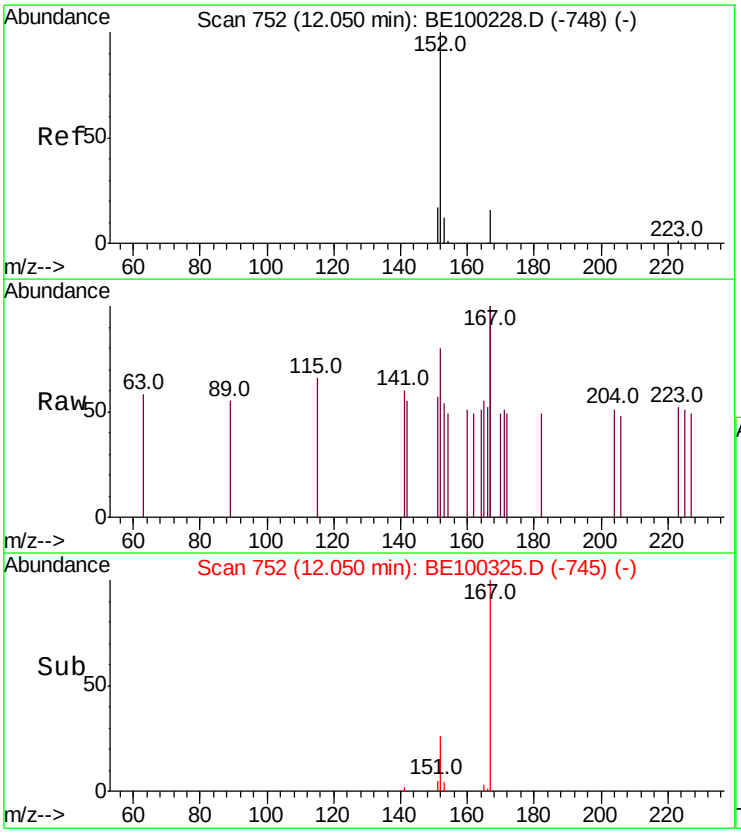
#9
Naphthalene
Concen: 0.203 ng
RT: 10.50 min Scan# 641
Delta R.T. 0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:128 Resp: 4243

Ion	Ratio	Lower	Upper
128	100		
129	6.4	3.0	4.6#
127	6.4	3.5	5.3#

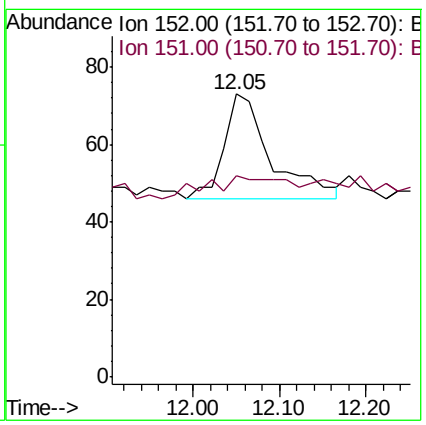


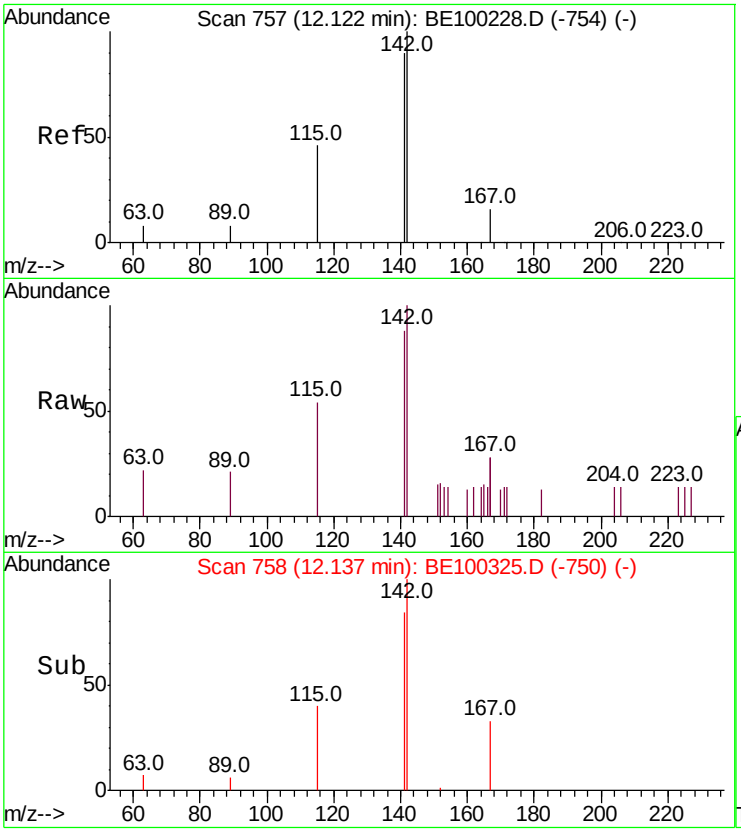


#11
2-Methylnaphthalene-d10
Concen: 0.029 ng
RT: 12.05 min Scan# 752
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:152 Resp: 102

Ion	Ratio	Lower	Upper
152	100		
151	27.5	15.1	22.7#



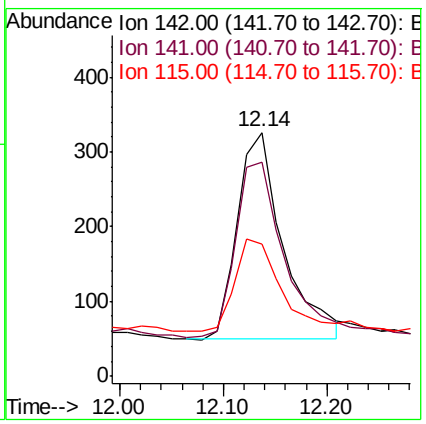


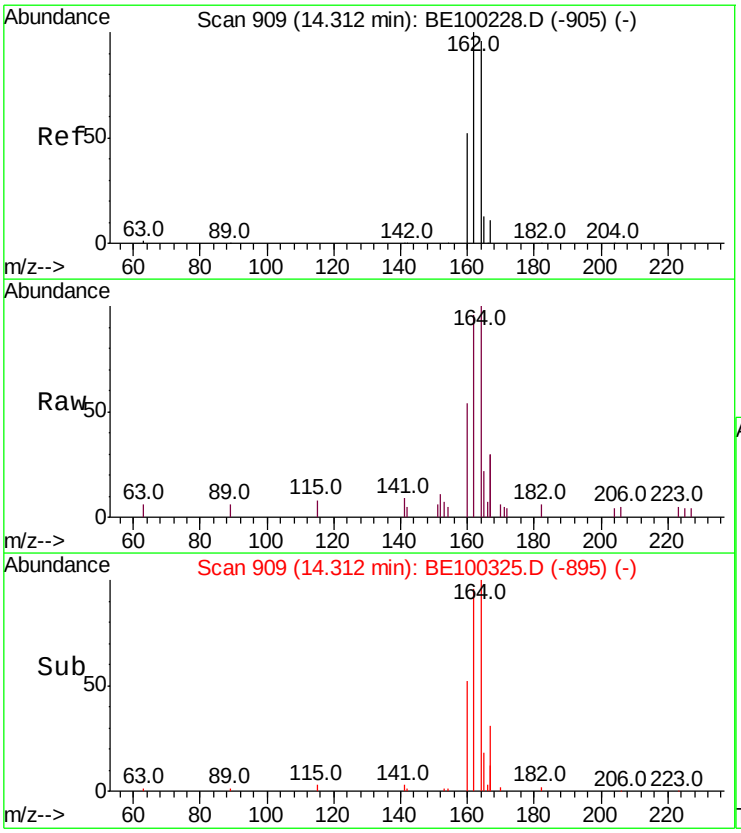
#12
2-Methylnaphthalene
Concen: 0.232 ng
RT: 12.14 min Scan# 758
Delta R.T. 0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:142 Resp: 851

Ion	Ratio	Lower	Upper
142	100		
141	88.0	72.4	108.6
115	54.0	40.4	60.6

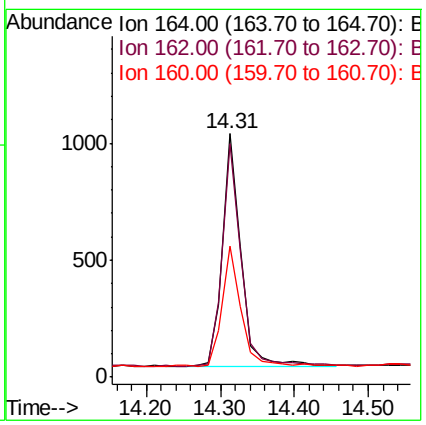


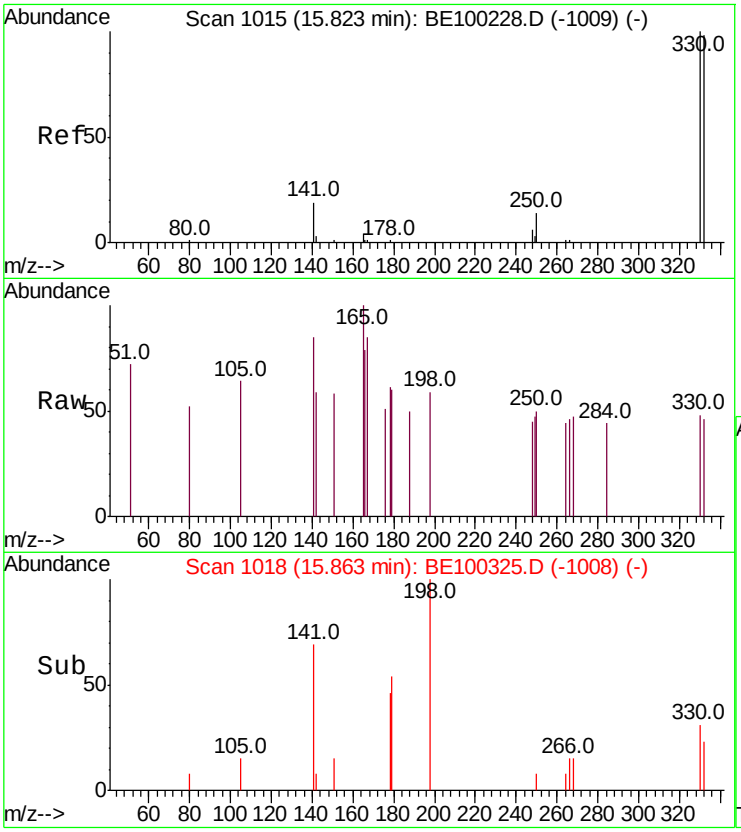


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:164 Resp: 1738

Ion	Ratio	Lower	Upper
164	100		
162	96.0	83.4	125.0
160	53.8	45.0	67.6



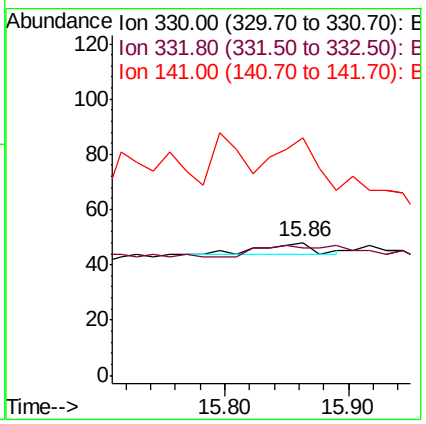


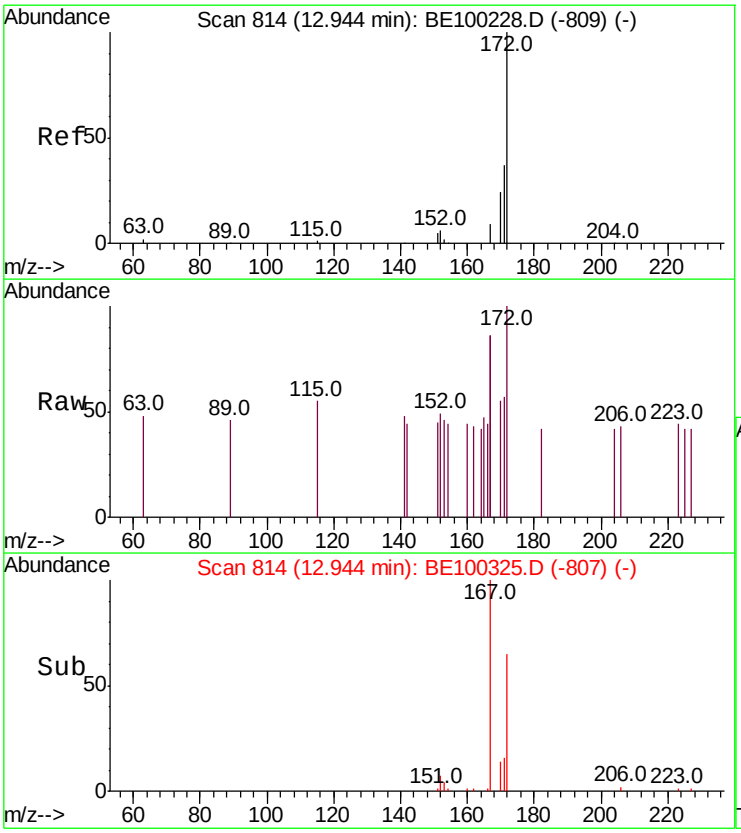
#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.04 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:330 Resp: 10

Ion	Ratio	Lower	Upper
330	100		
332	200.0	77.0	115.4#
141	760.0	22.0	33.0#

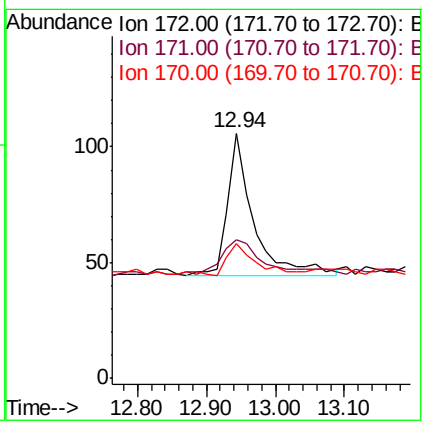


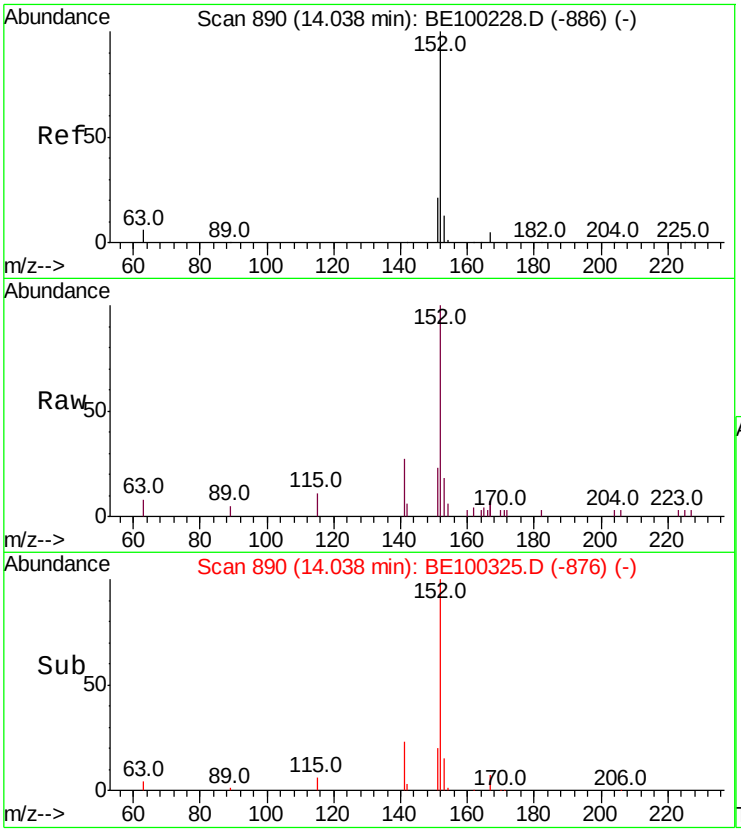


#15
2-Fluorobiphenyl
Concen: 0.024 ng
RT: 12.94 min Scan# 814
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:172 Resp: 164

Ion	Ratio	Lower	Upper
172	100		
171	56.6	31.9	47.9#
170	54.7	22.2	33.2#



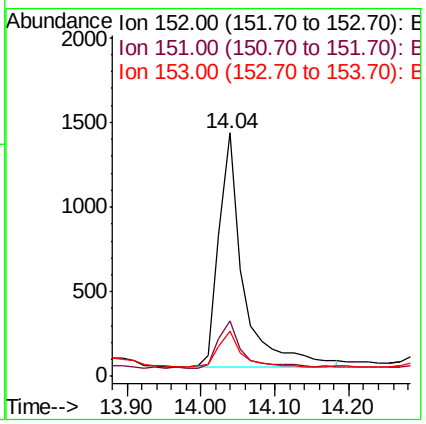


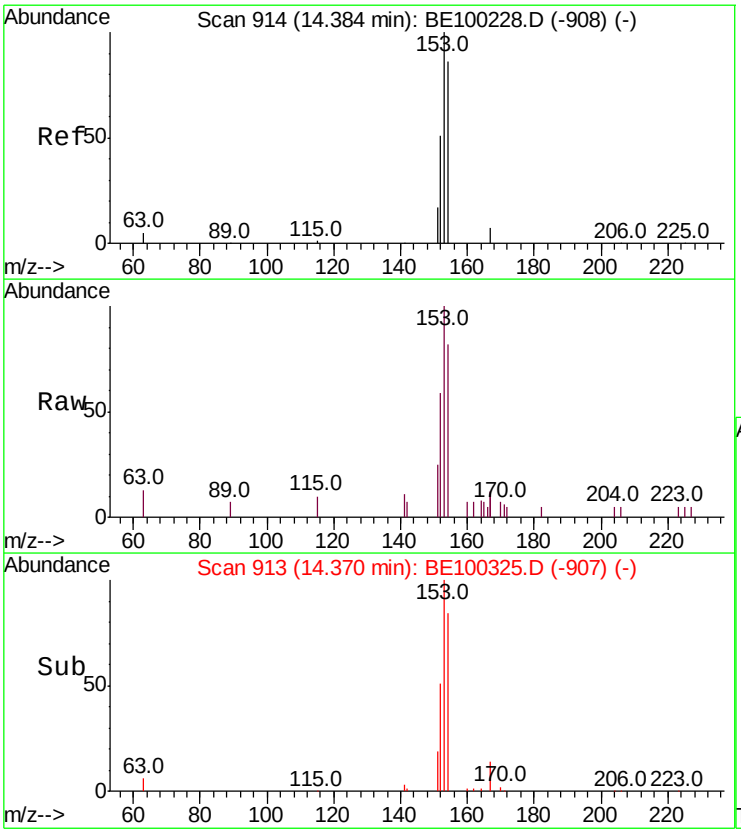
#16
Acenaphthylene
Concen: 0.382 ng
RT: 14.04 min Scan# 890
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:152 Resp: 3184

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.6	25.0
153	15.6	10.5	15.7

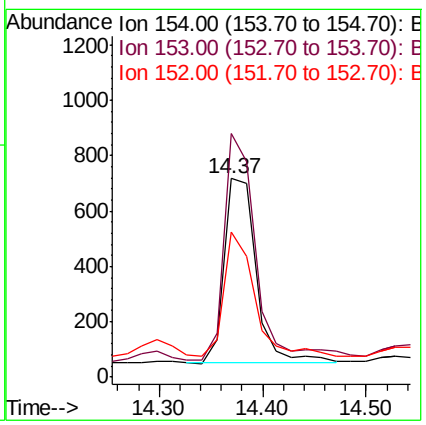


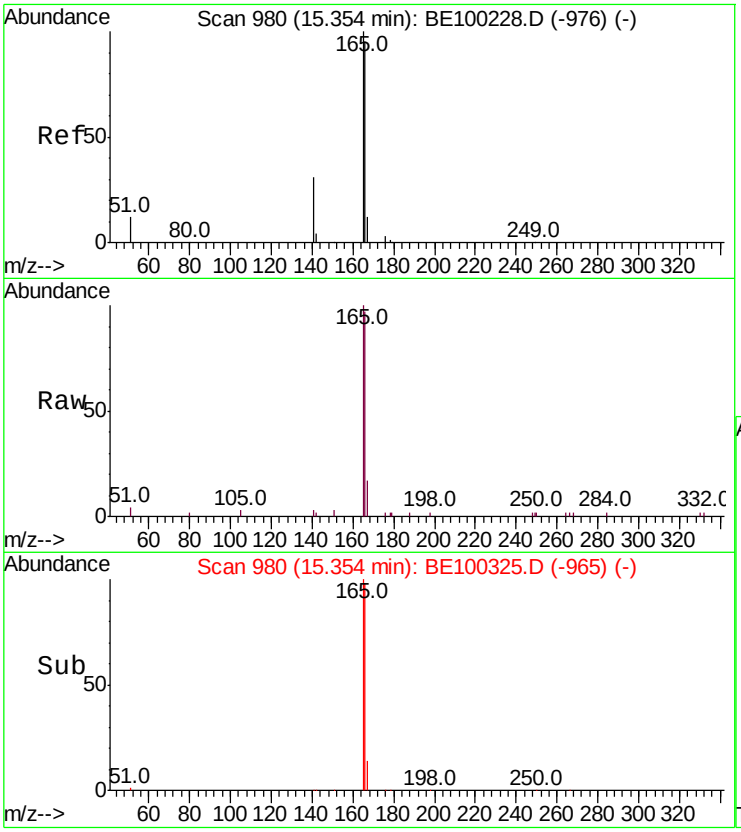


#17
Acenaphthene
Concen: 0.302 ng
RT: 14.37 min Scan# 913
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:154 Resp: 1426

Ion	Ratio	Lower	Upper
154	100		
153	121.2	93.4	140.2
152	63.7	49.4	74.2



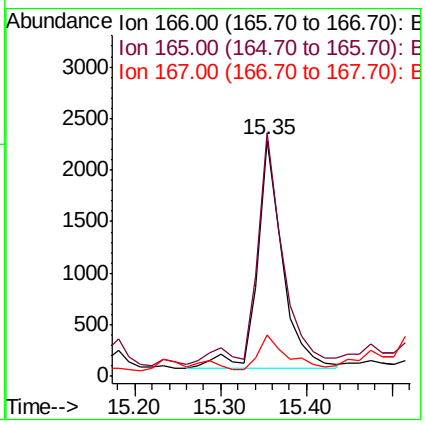


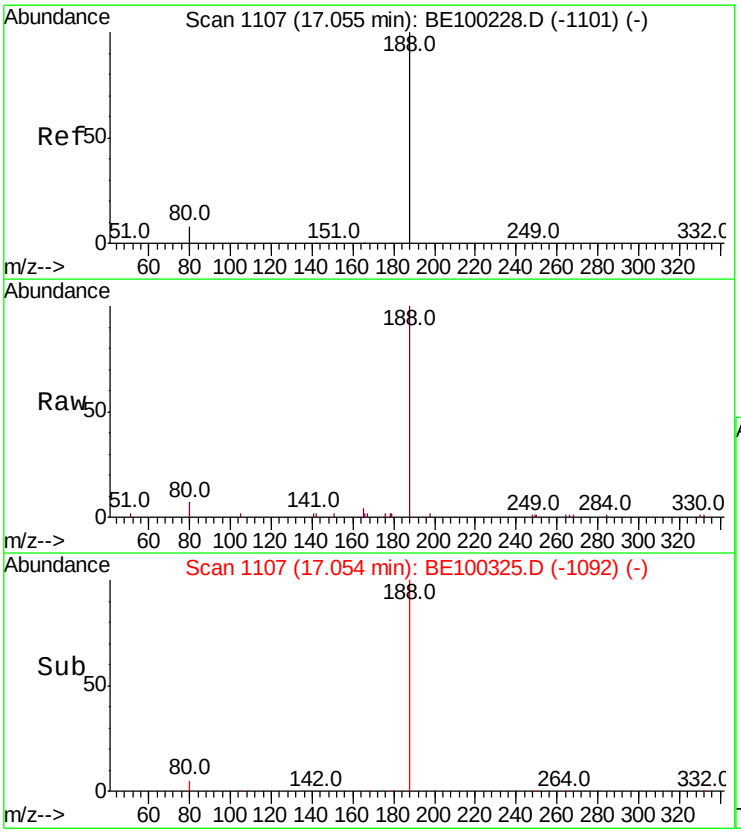
#18
Fluorene
Concen: 0.649 ng
RT: 15.35 min Scan# 980
Delta R.T. -0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:166 Resp: 4534

Ion	Ratio	Lower	Upper
166	100		
165	105.2	81.1	121.7
167	15.8	10.7	16.1

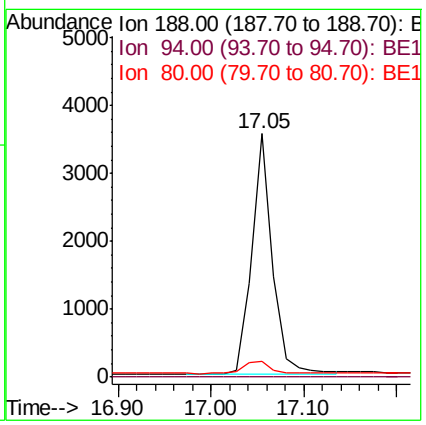


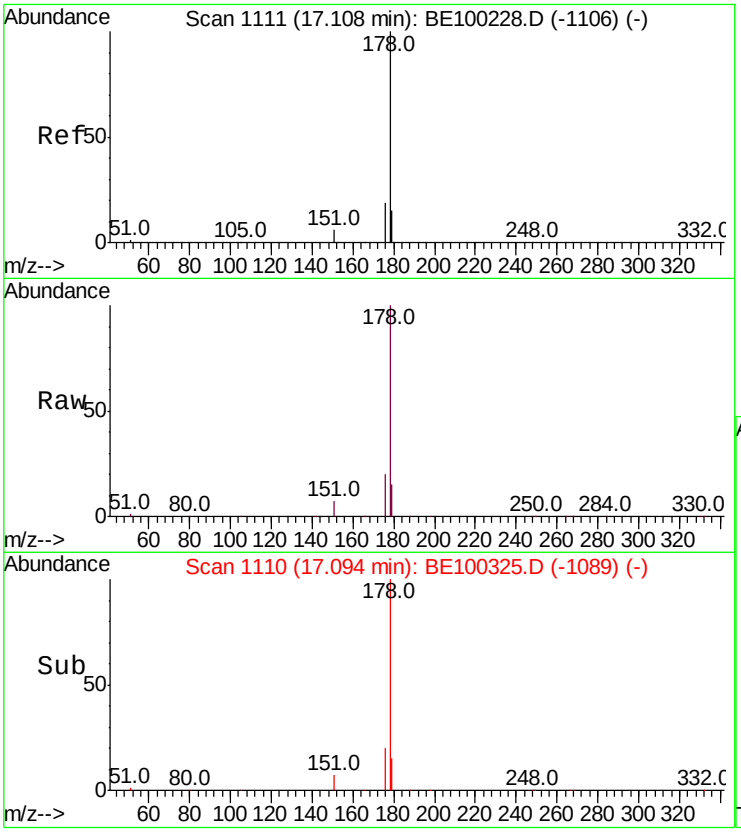


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:188 Resp: 5424

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	6.5	7.6	11.4#



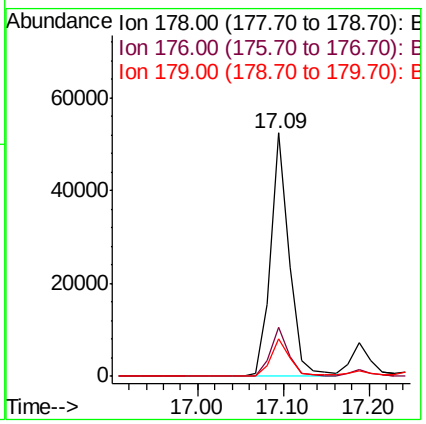


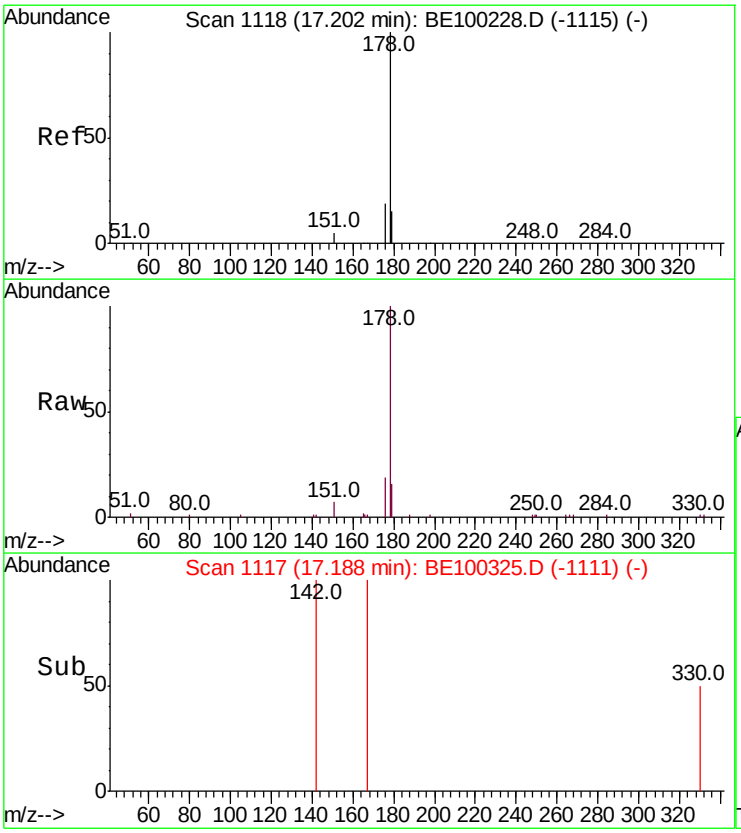
#23
Phenanthrene
Concen: 5.973 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:178 Resp: 78516

Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.9	23.9
179	15.5	12.2	18.2

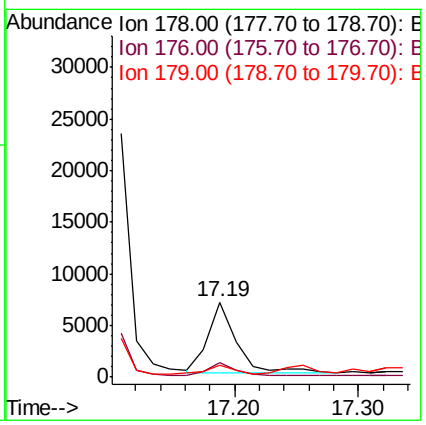


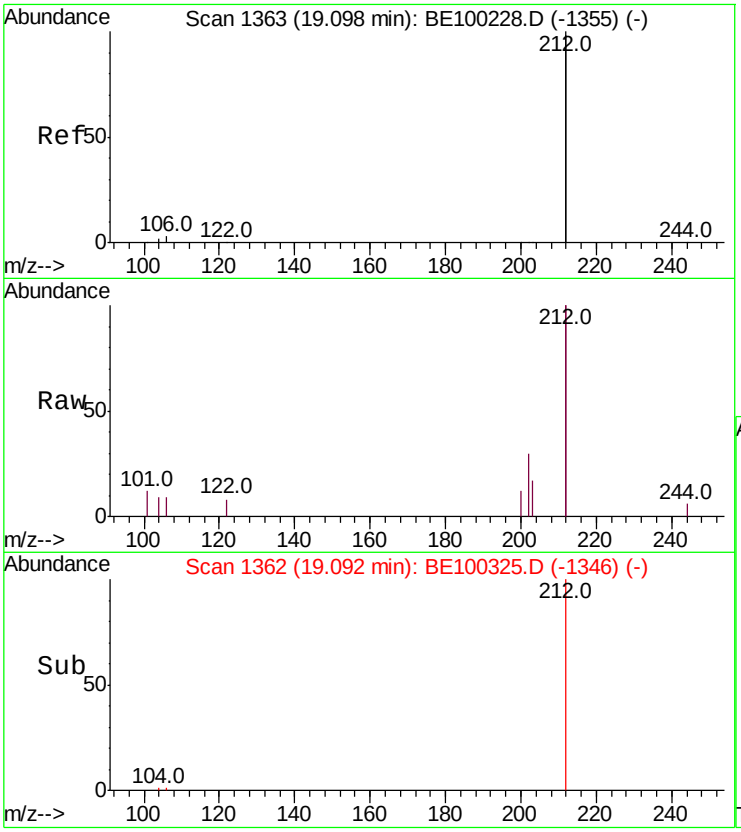


#24
Anthracene
Concen: 0.909 ng
RT: 17.19 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:178 Resp: 10758

Ion	Ratio	Lower	Upper
178	100		
176	18.5	15.3	22.9
179	12.1	12.2	18.2#



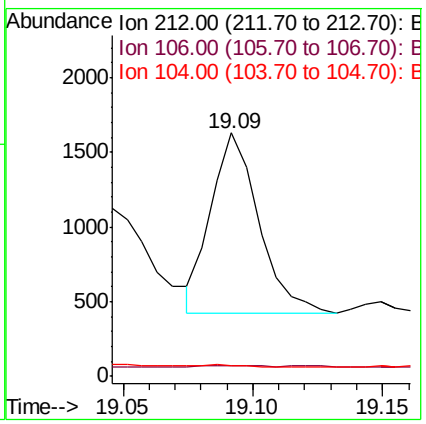


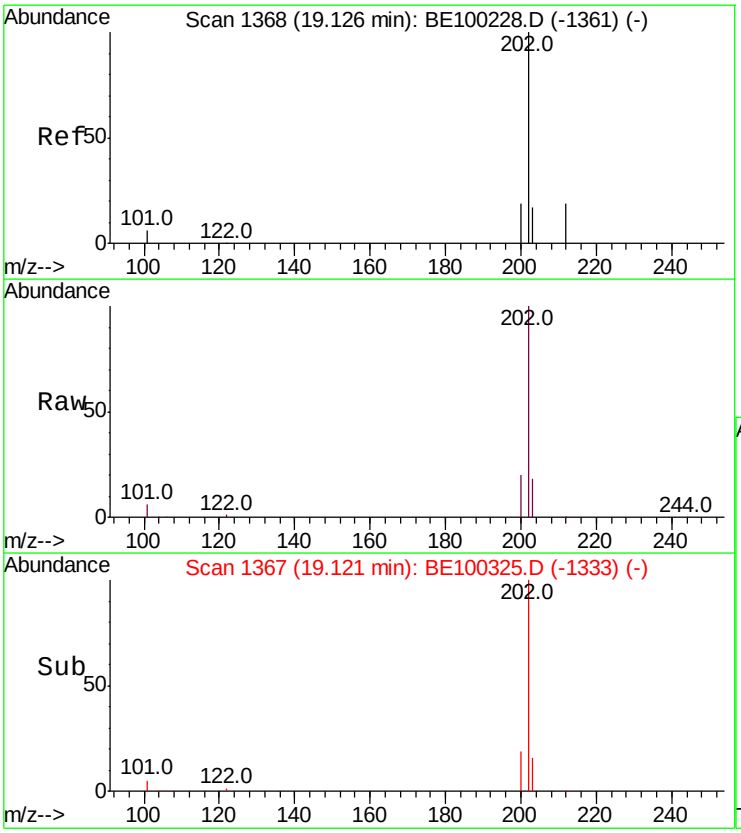
#25
Fluoranthene-d10
Concen: 0.020 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:212 Resp: 1553

Ion	Ratio	Lower	Upper
212	100		
106	1.5	1.3	1.9
104	1.2	0.8	1.2

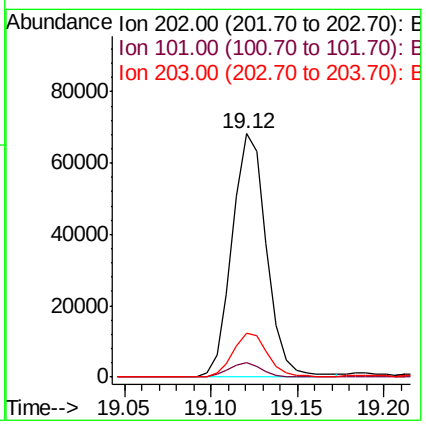


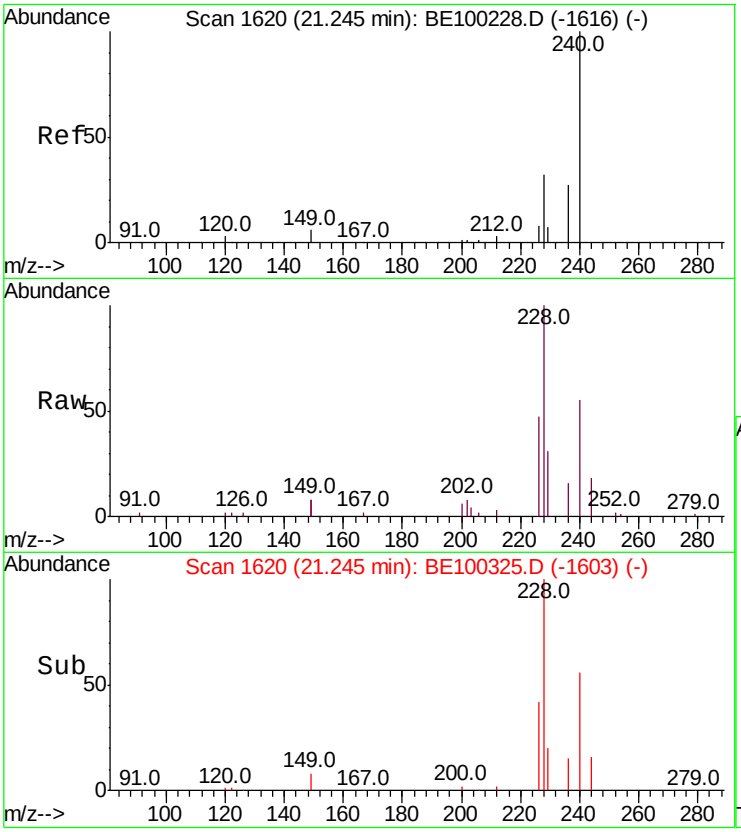


#26
Fluoranthene
Concen: 4.497 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:202 Resp: 94168

Ion	Ratio	Lower	Upper
202	100		
101	5.5	4.6	7.0
203	17.8	13.7	20.5



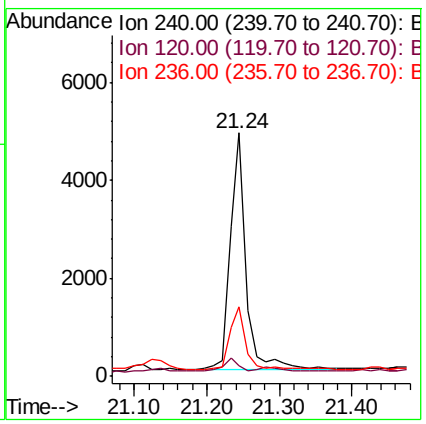


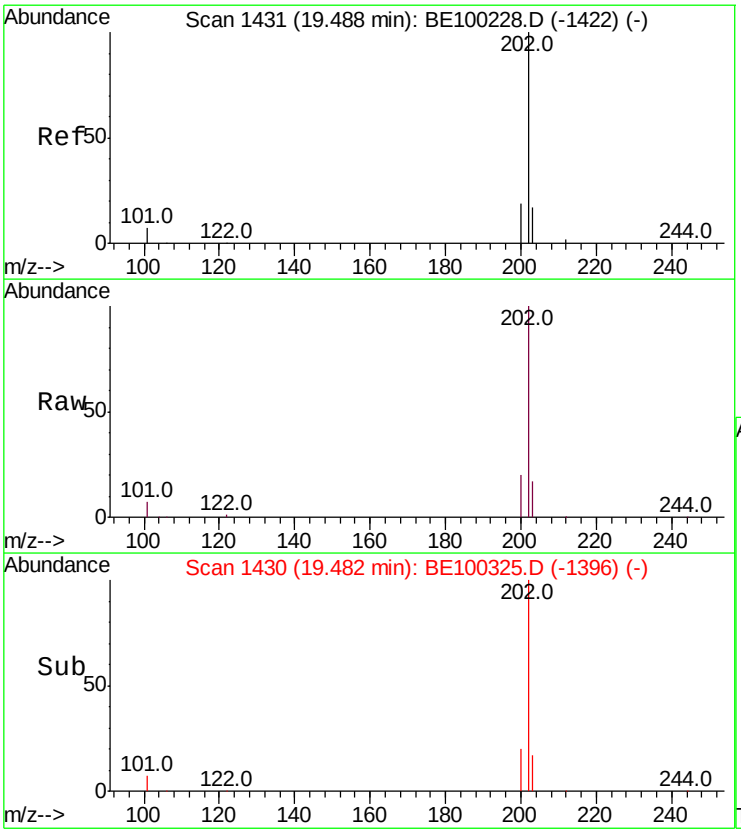
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:240 Resp: 7524

Ion	Ratio	Lower	Upper
240	100		
120	4.3	3.3	4.9
236	28.7	22.6	34.0

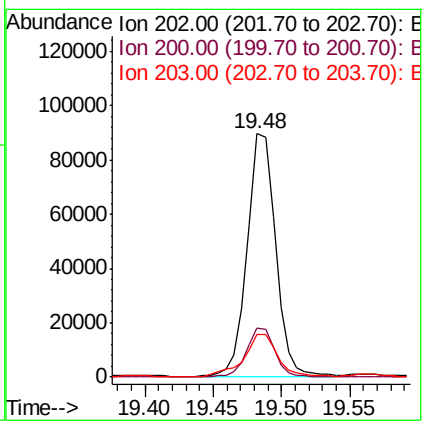


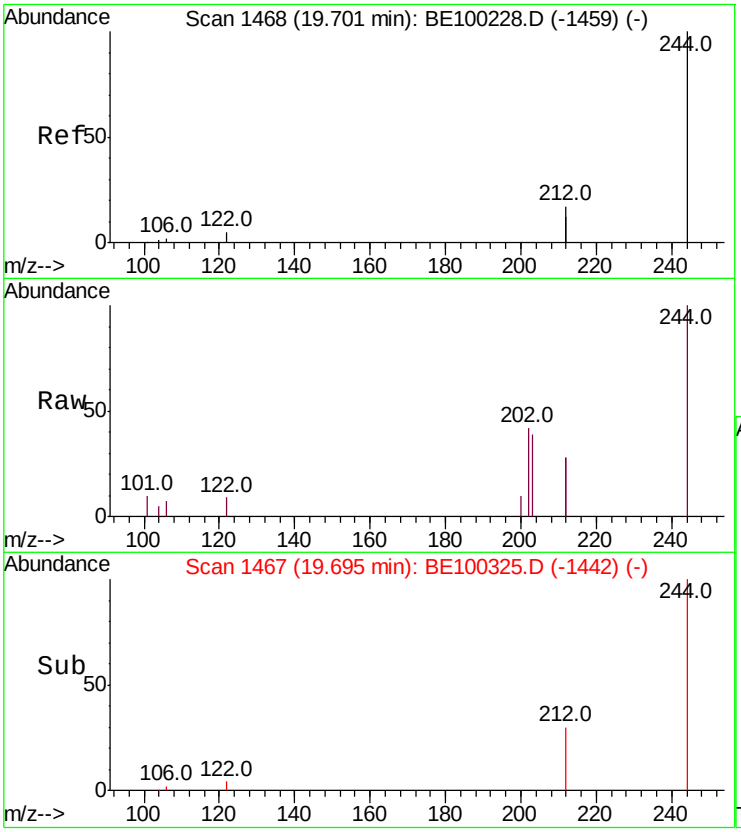


#28
Pyrene
Concen: 6.432 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:202 Resp: 128124

Ion	Ratio	Lower	Upper
202	100		
200	19.9	15.6	23.4
203	20.8	14.0	21.0



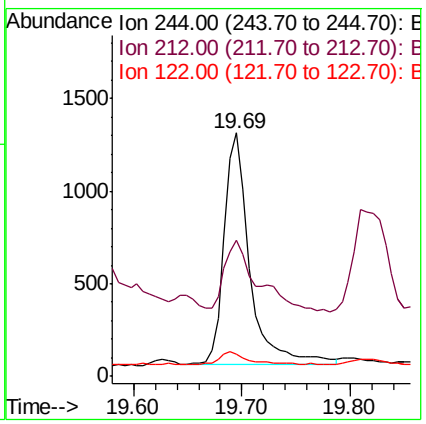


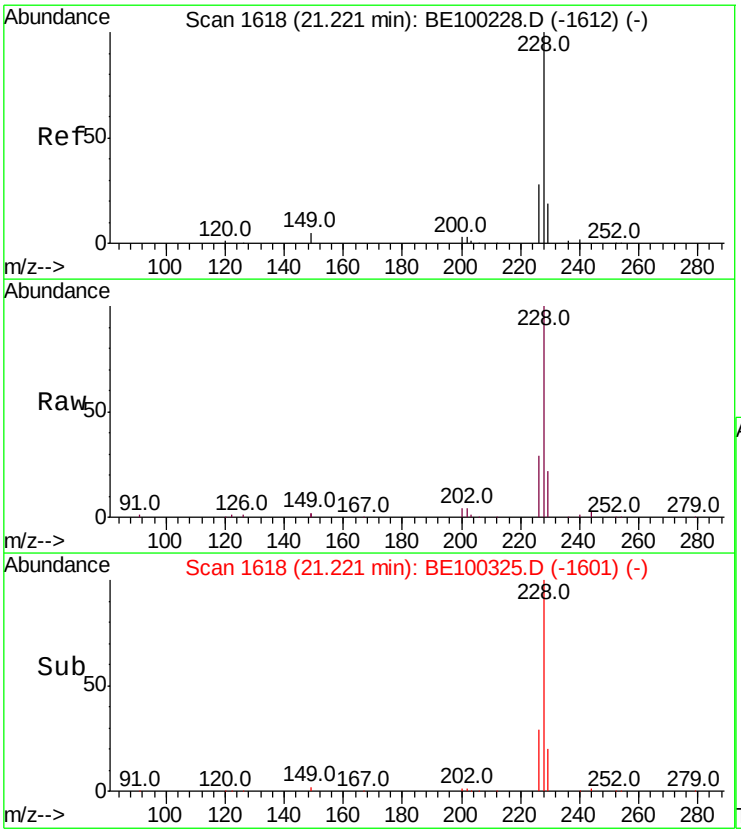
#29
Terphenyl-d14
Concen: 0.130 ng
RT: 19.69 min Scan# 1467
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:244 Resp: 2028

Ion	Ratio	Lower	Upper
244	100		
212	56.0	27.3	40.9#
122	9.4	4.7	7.1#

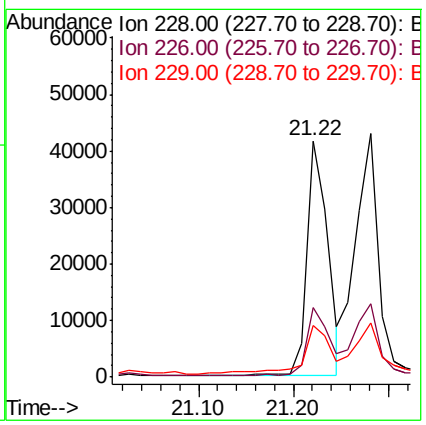


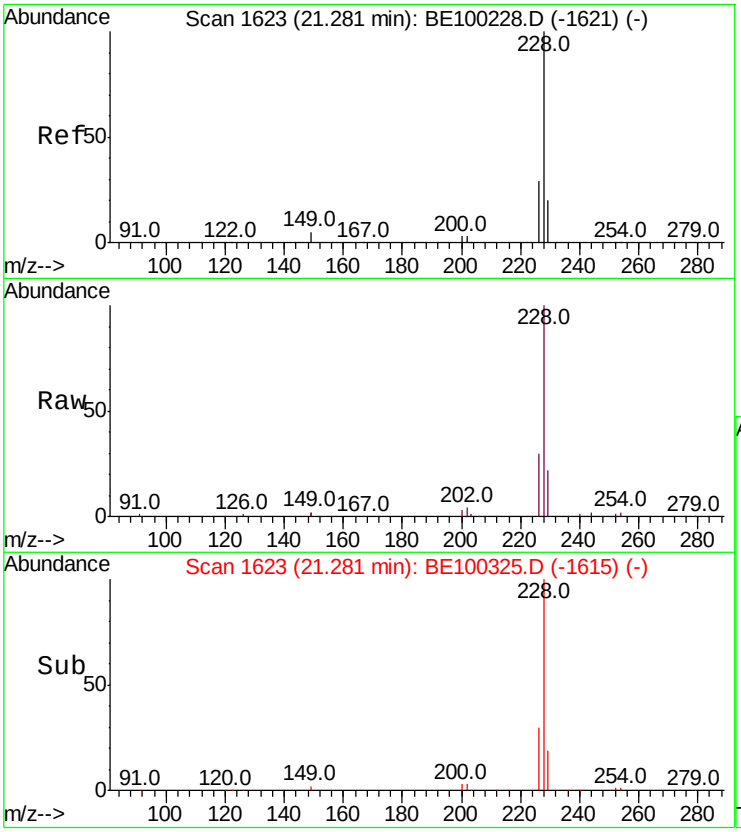


#30
Benzo(a)anthracene
Concen: 2.553 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:228 Resp: 63152

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.2	34.8
229	21.8	15.7	23.5



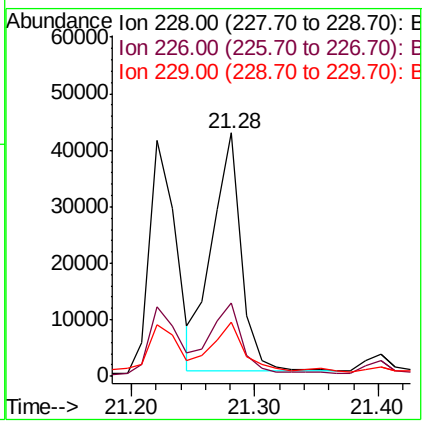


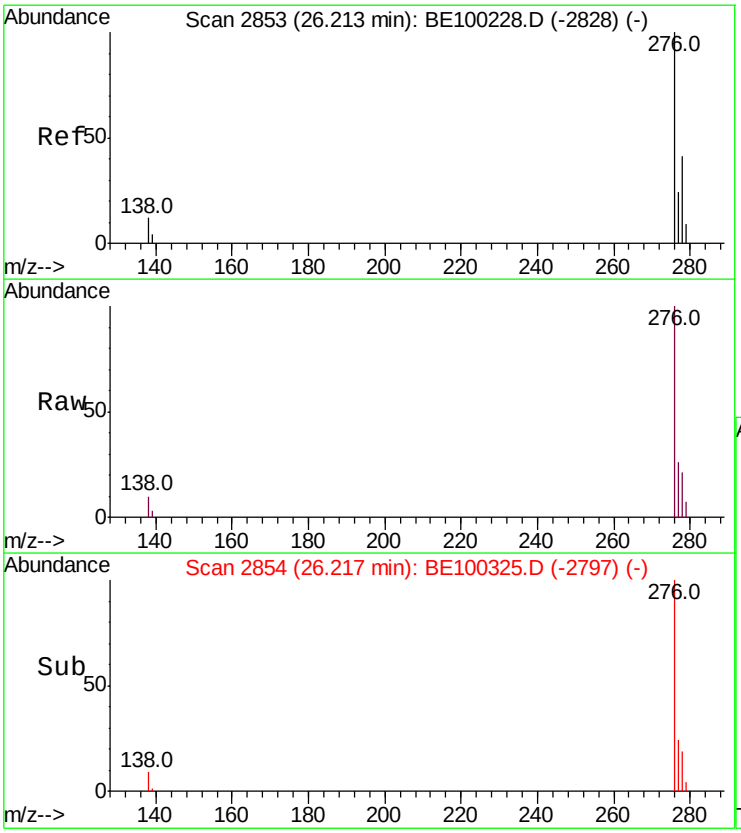
#31
Chrysene
Concen: 2.817 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:228 Resp: 69977

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.9	35.9
229	22.1	16.5	24.7

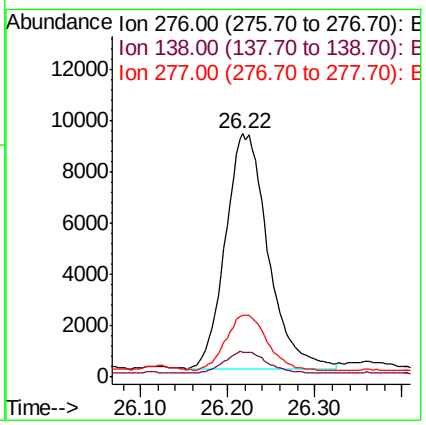


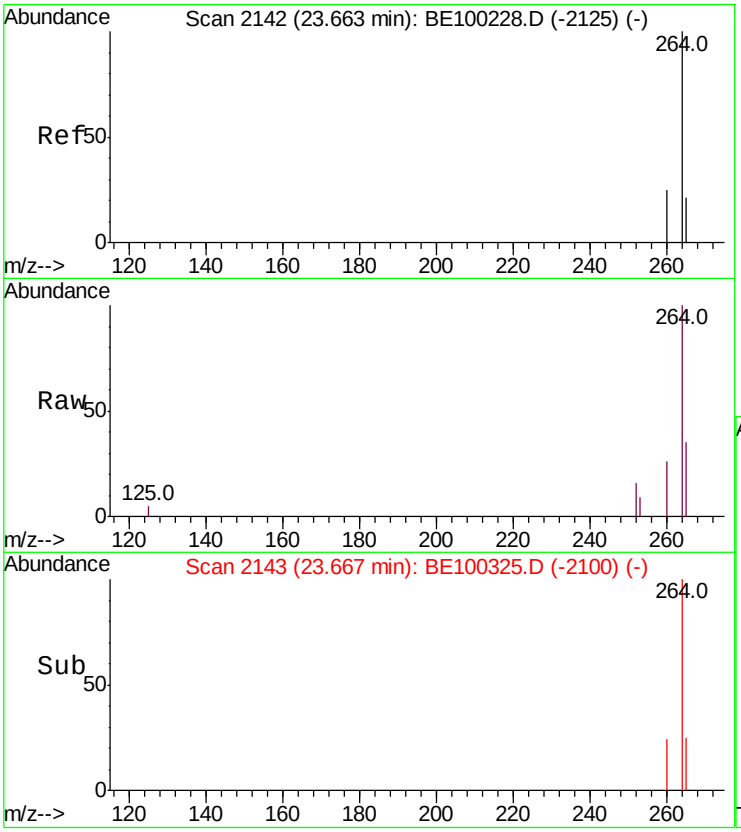


#33
Indeno(1,2,3-cd)pyrene
Concen: 0.944 ng
RT: 26.22 min Scan# 2854
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:276 Resp: 31027

Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.4	14.0#
277	23.3	19.2	28.8



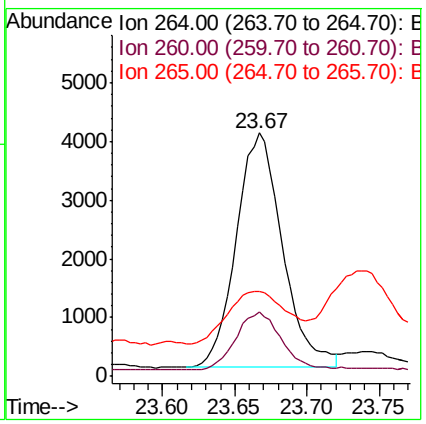


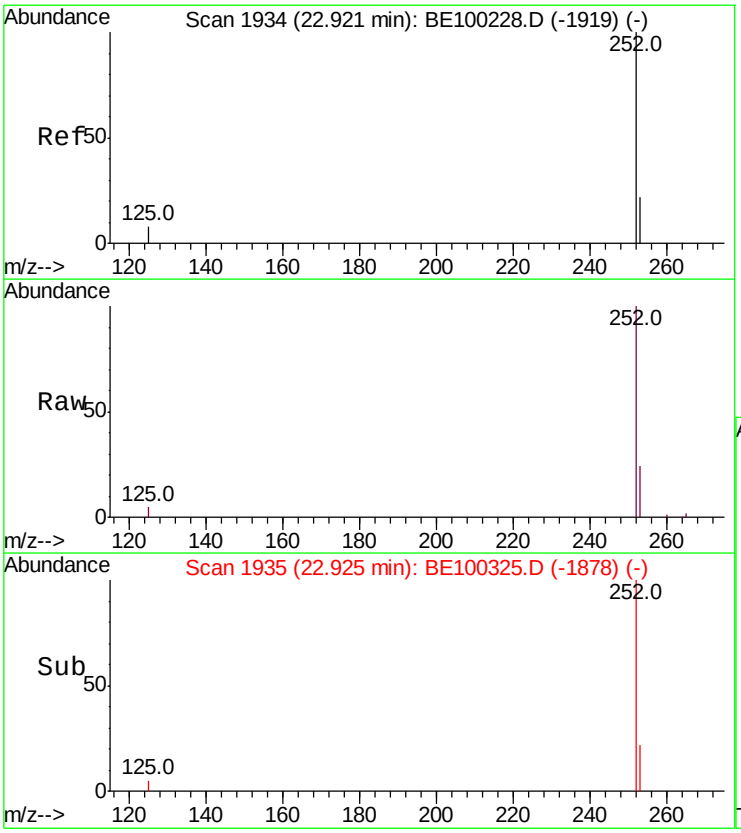
#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:264 Resp: 8716

Ion	Ratio	Lower	Upper
264	100		
260	26.4	20.8	31.2
265	34.8	21.8	32.6#

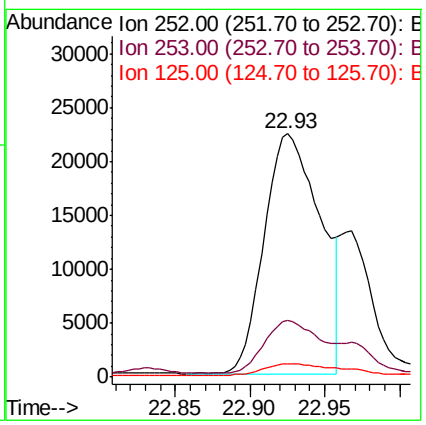


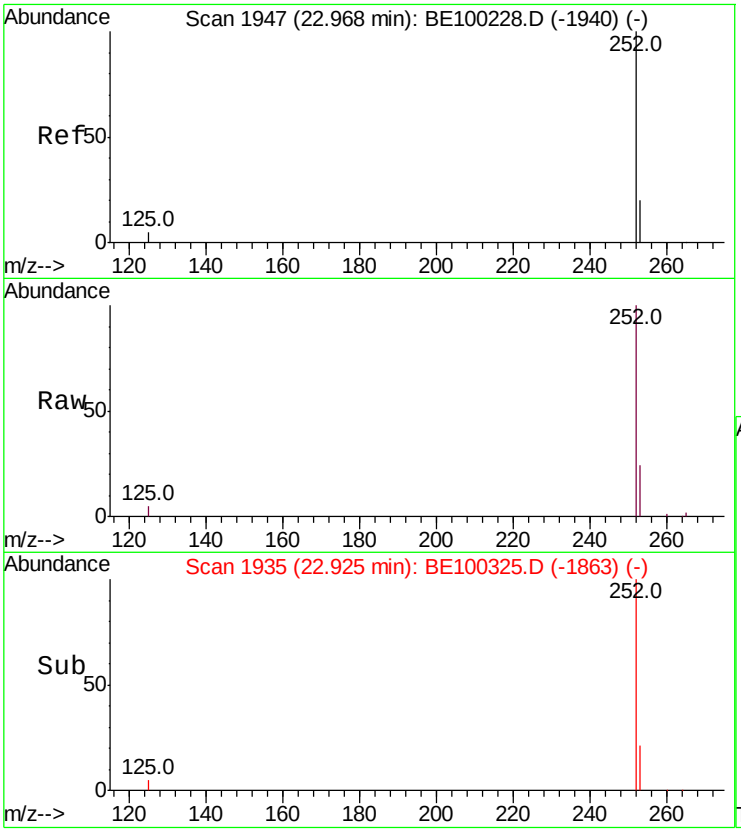


#35
Benzo(b)fluoranthene
Concen: 2.477 ng
RT: 22.93 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:252 Resp: 58533

Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.2	28.8
125	5.4	7.4	11.0#



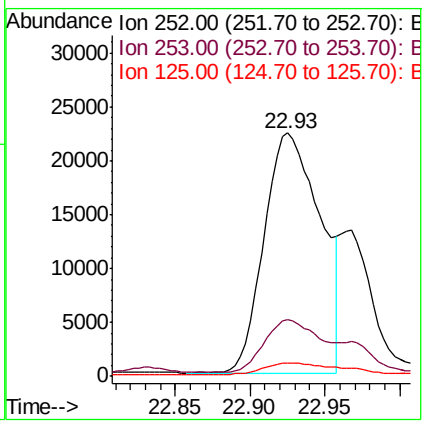


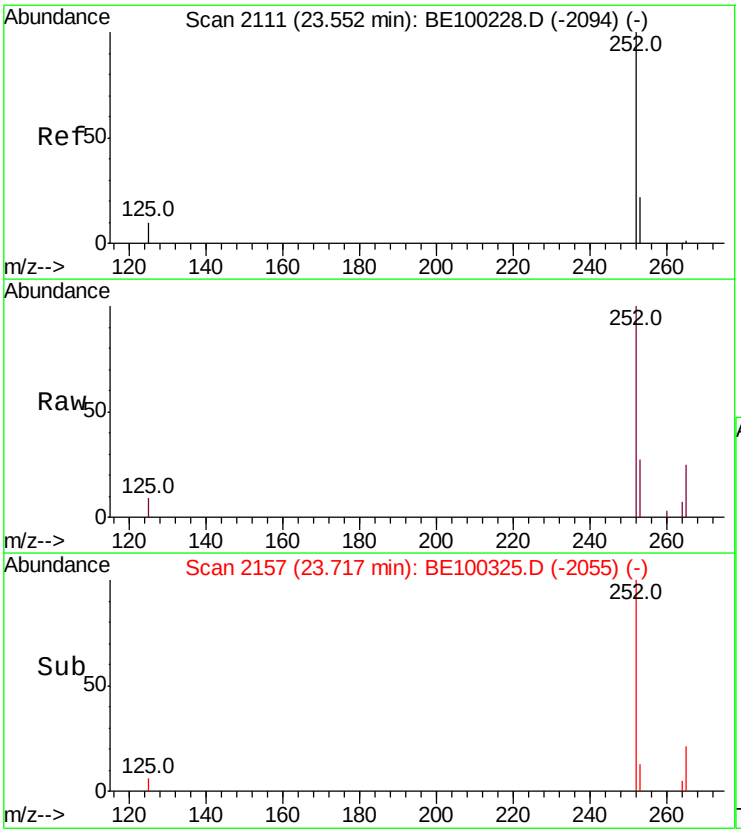
#36
Benzo(k)fluoranthene
Concen: 2.219 ng
RT: 22.93 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:252 Resp: 58533

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.9	26.9
125	5.4	5.0	7.4

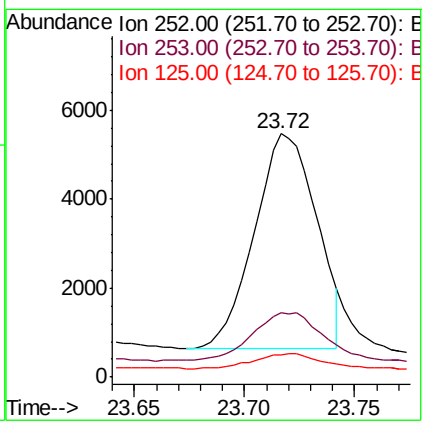


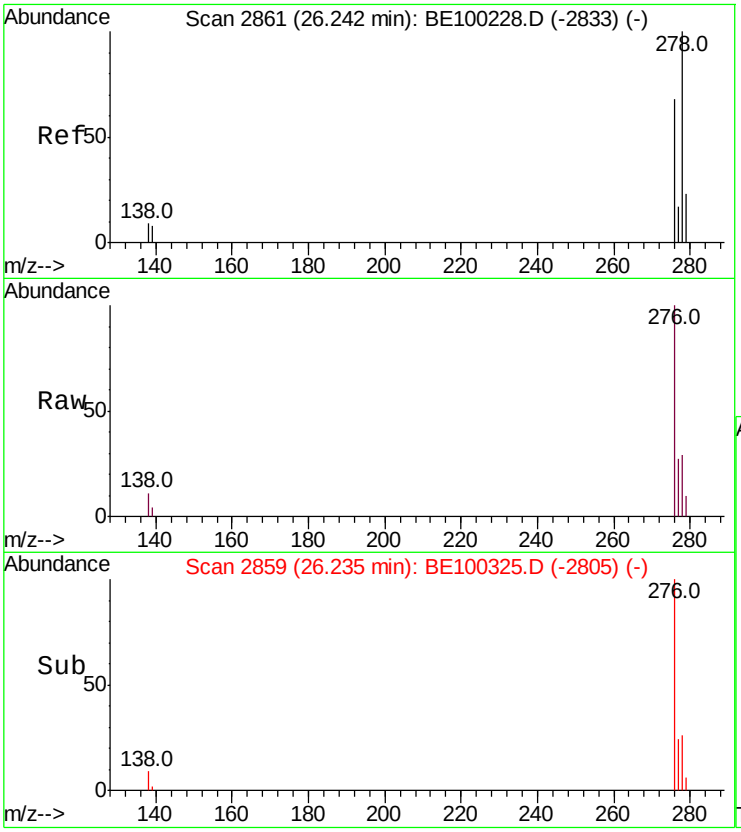


#37
Benzo(a)pyrene
Concen: 0.400 ng
RT: 23.72 min Scan# 2157
Delta R.T. 0.16 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:252 Resp: 9476

Ion	Ratio	Lower	Upper
252	100		
253	26.6	19.6	29.4
125	9.2	9.0	13.6



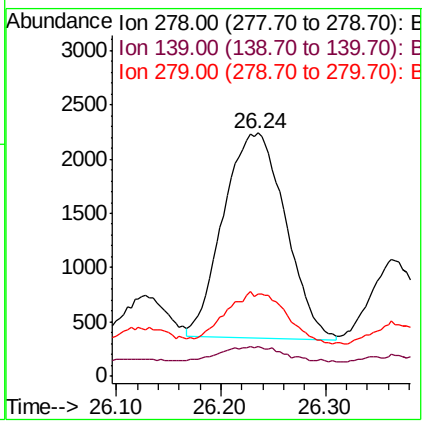


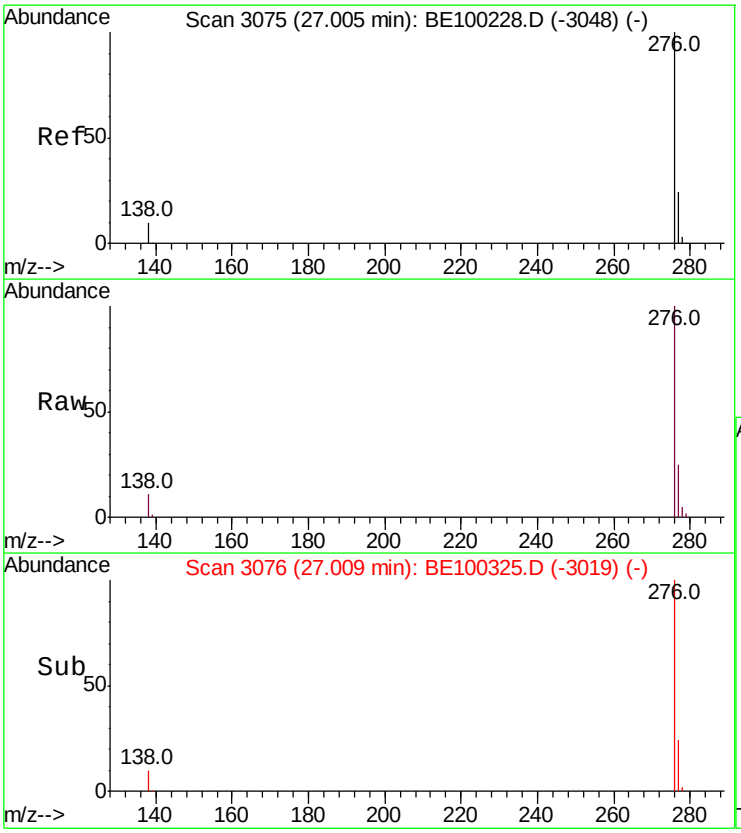
#38
Dibenzo(a,h)anthracene
Concen: 0.314 ng
RT: 26.24 min Scan# 2859
Delta R.T. -0.01 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Instrument :
BNA_E
ClientSampleId :
PST-013-B214-062019DL

Tgt Ion:278 Resp: 7766

Ion	Ratio	Lower	Upper
278	100		
139	12.0	8.2	12.2
279	33.9	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 1.423 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BE100325.D
Acq: 3 Jul 2019 12:56

Tgt Ion:276 Resp: 36164

Ion	Ratio	Lower	Upper
276	100		
277	24.7	20.2	30.2
138	10.7	9.0	13.6