Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100329.D
Acq On : 3 Jul 2019 15:22
Operator : JU/SJ
Sample : K3445-17DL2 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_E
ClientSampleId :

Quant Time: Jul 04 00:35:42 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	529	0.40	ng		0.00
7) Naphthalene-d8	10.44	136	1995	0.40	ng		0.00
13) Acenaphthene-d10	14.31	164	1857	0.40	ng		0.00
19) Phenanthrene-d10	17.05	188	5366	0.40	ng		0.00
27) Chrysene-d12	21.24	240	6516	0.40	ng		0.00
34) Perylene-d12	23.67	264	8056	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.20	112	39	0.03	ng		-0.01
5) Phenol-d6	6.82	99	6	0.00	ng		-0.02
8) Nitrobenzene-d5	8.78	82	3	0.00	ng		-0.04
11) 2-Methylnaphthalene-d10	12.08	152	72	0.02	ng		0.03
14) 2,4,6-Tribromophenol	15.86	330	10	0.01	ng		0.04
15) 2-Fluorobiphenyl	12.96	172	124	0.02	ng		0.01
25) Fluoranthene-d10	19.09	212	1146	0.01	ng		0.00
29) Terphenyl-d14	19.70	244	1720	0.13	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.48	128	737	0.033	ng	#	71
12) 2-Methylnaphthalene	12.15	142	89	0.023	ng	#	75
16) Acenaphthylene	14.04	152	1771	0.199	ng		99
18) Fluorene	15.37	166	292	0.039	ng	#	84
23) Phenanthrene	17.09	178	6436	0.495	ng		98
24) Anthracene	17.20	178	1171	0.100	ng	#	94
26) Fluoranthene	19.12	202	19660	0.949	ng		99
28) Pyrene	19.48	202	31376	1.819	ng		98
30) Benzo(a)anthracene	21.22	228	13198	0.616	ng	#	92
31) Chrysene	21.28	228	15413	0.716	ng		94
32) Bis(2-ethylhexyl)phthalate	21.15	149	2848	0.036	ng	#	97
33) Indeno(1,2,3-cd)pyrene	26.22	276	9586	0.337	ng	#	96
35) Benzo(b)fluoranthene	22.92	252	14706	0.673	ng		98
36) Benzo(k)fluoranthene	22.92	252	14706	0.603	ng	#	95
37) Benzo(a)pyrene	23.45	252	9990	0.456	ng		96
38) Dibenzo(a,h)anthracene	26.24	278	1899	0.083	ng	#	59
39) Benzo(g,h,i)perylene	27.01	276	11986	0.510	ng		98

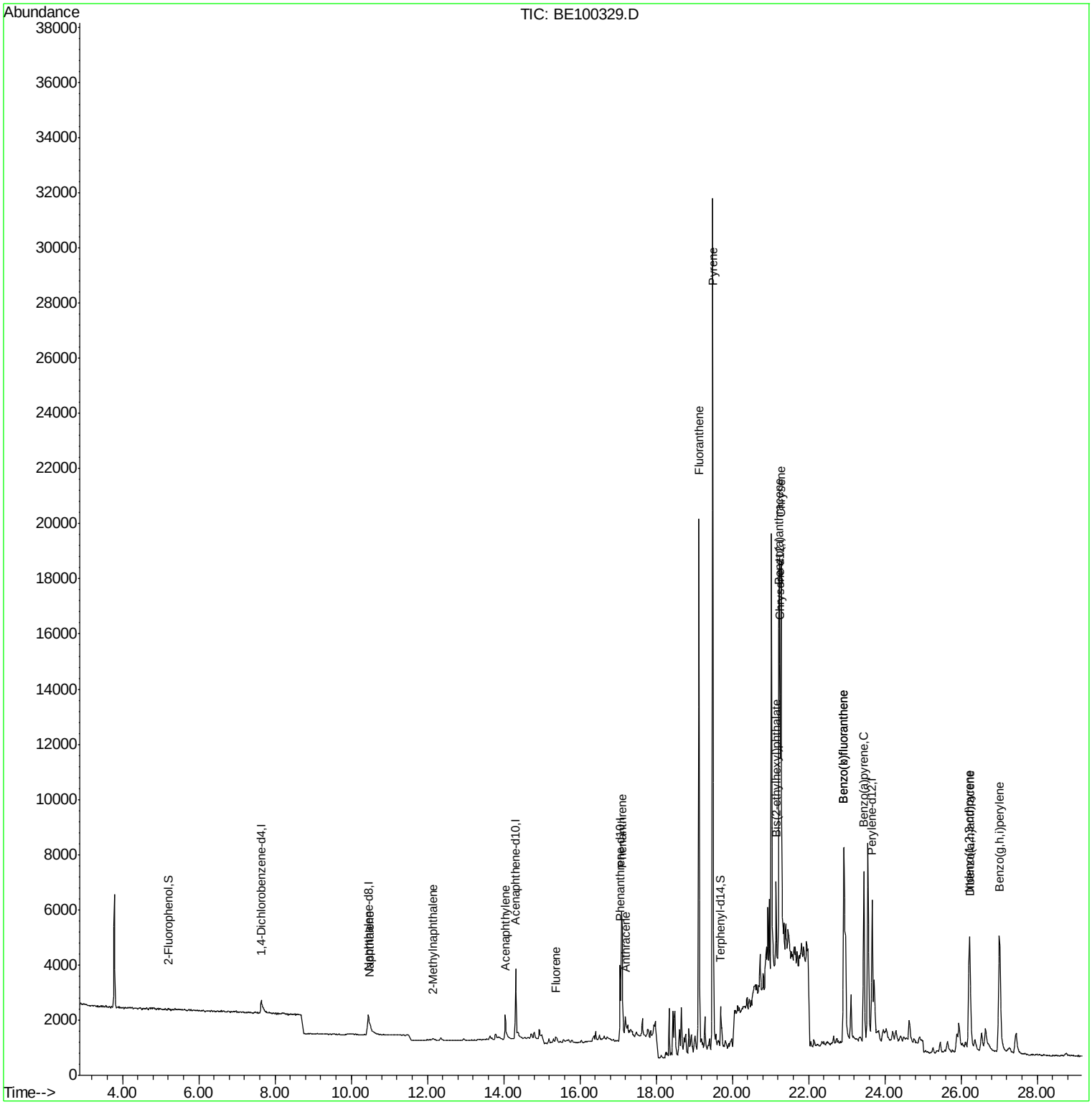
(#) = qualifier out of range (m) = manual integration (+) = signals summed

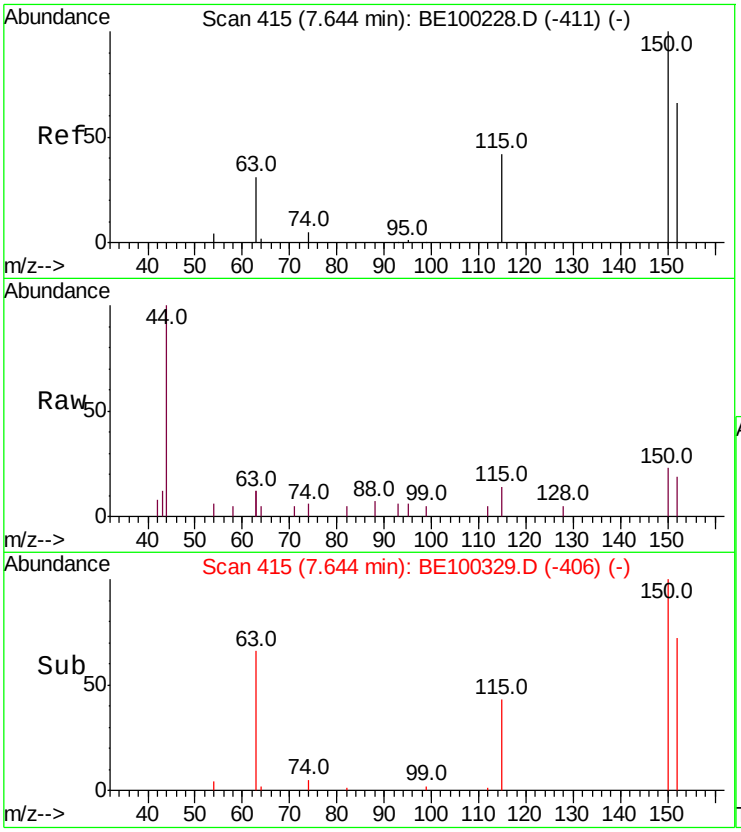
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA E\DATA\BE070319\
Data File : BE100329.D
Acq On : 3 Jul 2019 15:22
Operator : JU/SJ
Sample : K3445-17DL2 20X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_E
ClientSampleId :

Quant Time: Jul 04 00:35:42 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



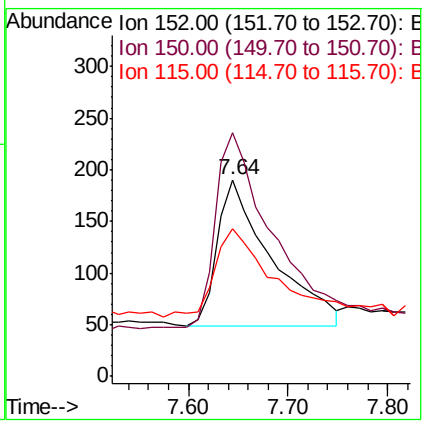


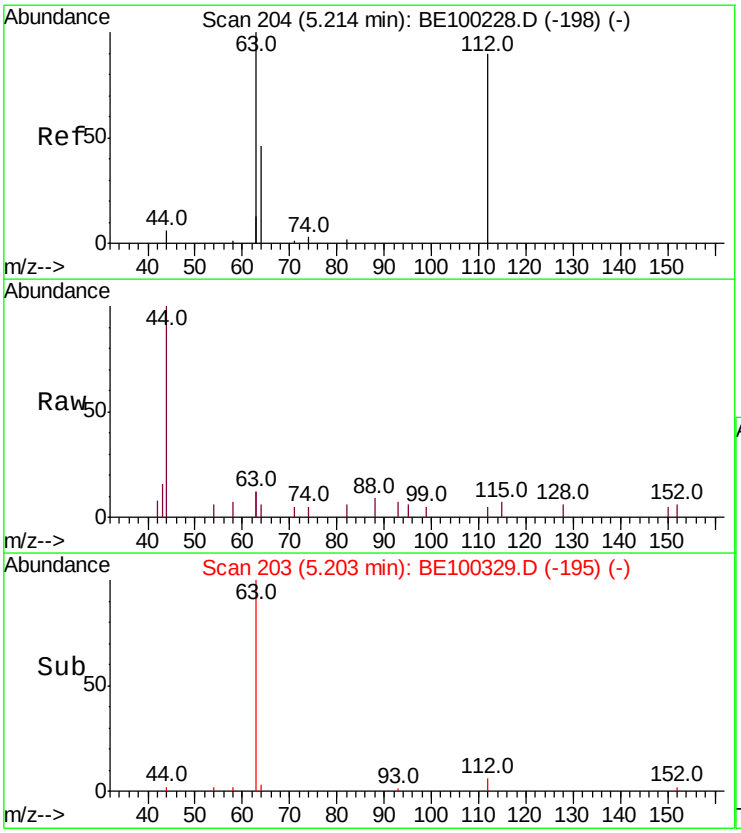
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.64 min Scan# 415
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 529

Ion	Ratio	Lower	Upper
152	100		
150	124.2	114.5	171.7
115	75.3	57.1	85.7

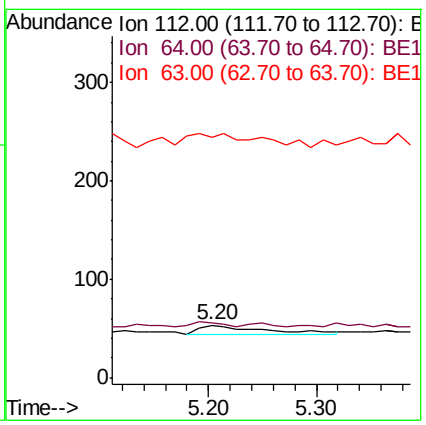


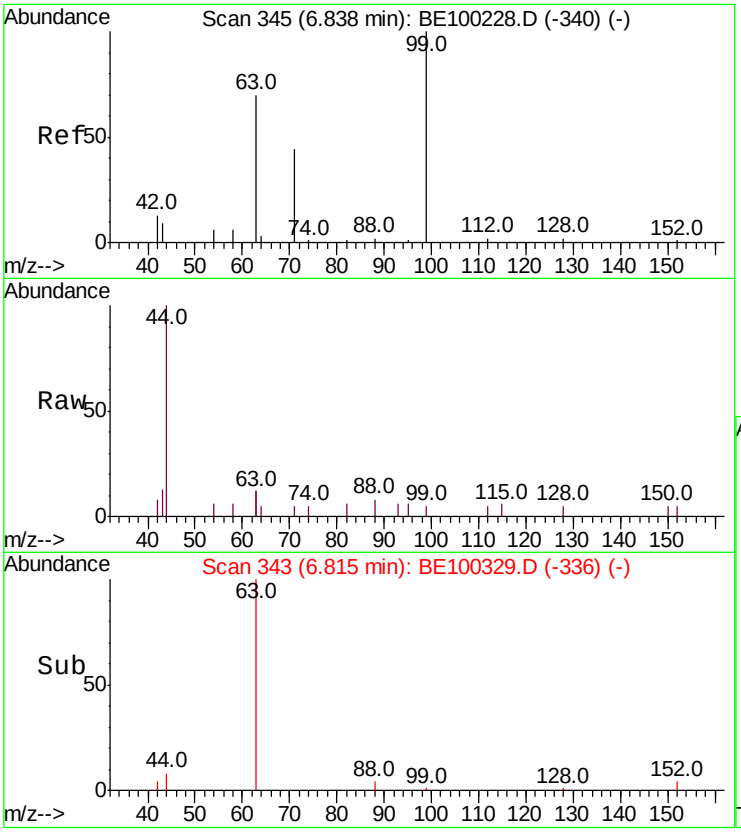


#4
2-Fluorophenol
Concen: 0.029 ng
RT: 5.20 min Scan# 203
Delta R.T. -0.01 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:112 Resp: 39

Ion	Ratio	Lower	Upper
112	100		
64	28.2	39.4	59.0#
63	184.6	104.5	156.7#



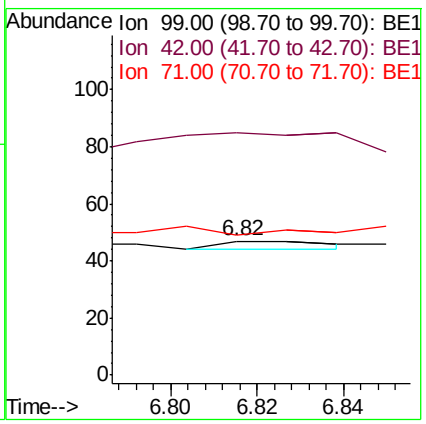


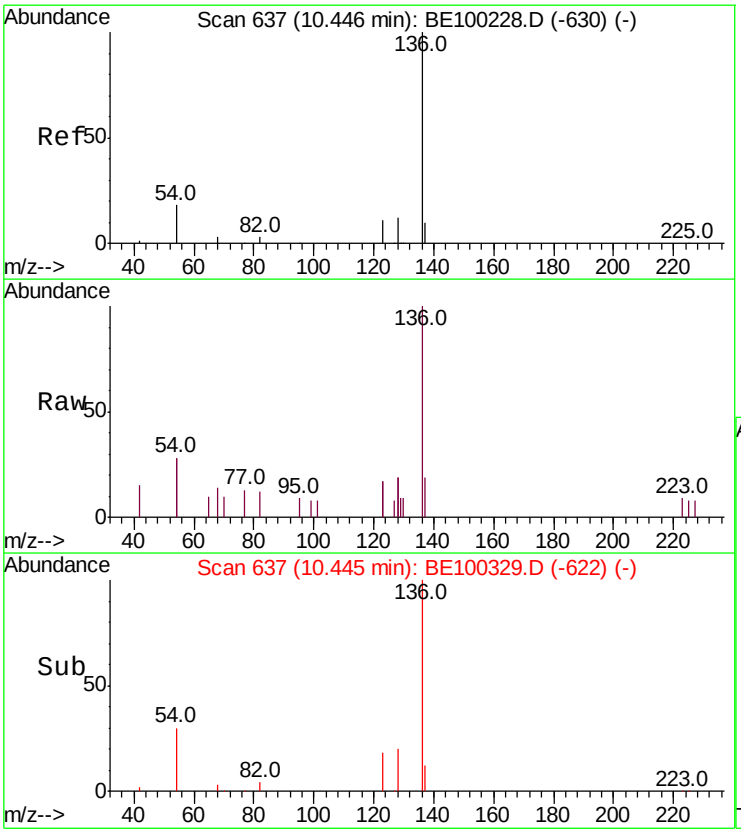
#5
Phenol-d6
Concen: 0.003 ng
RT: 6.82 min Scan# 343
Delta R.T. -0.02 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 99 Resp: 6

Ion	Ratio	Lower	Upper
99	100		
42	383.3	11.2	16.8#
71	0.0	37.2	55.8#

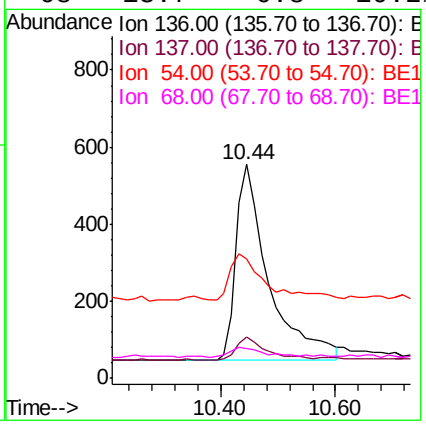


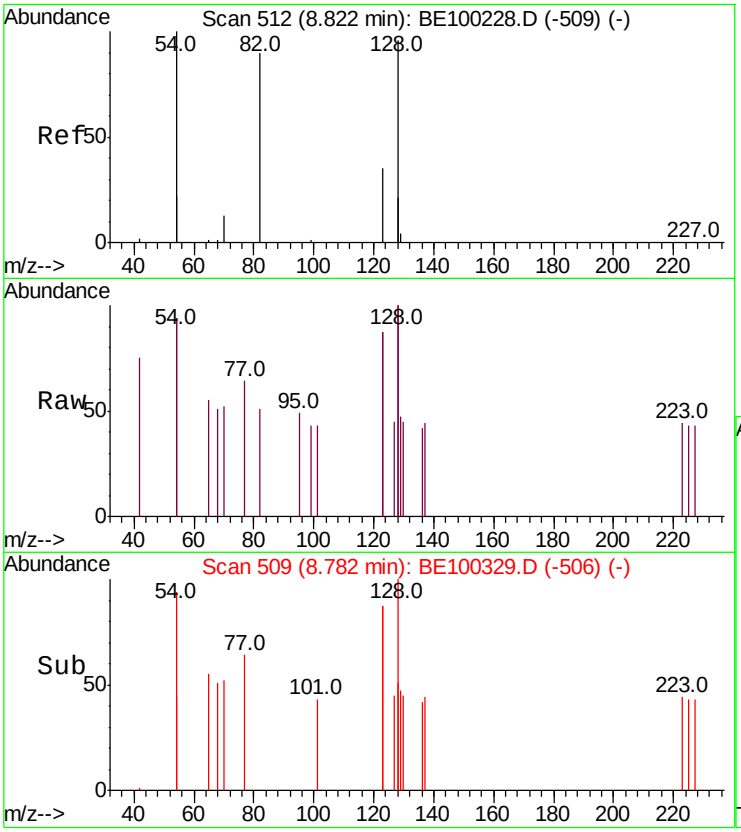


#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.44 min Scan# 637
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:136 Resp: 1995

Ion	Ratio	Lower	Upper
136	100		
137	19.1	11.8	17.8#
54	55.5	27.7	41.5#
68	13.7	6.8	10.2#



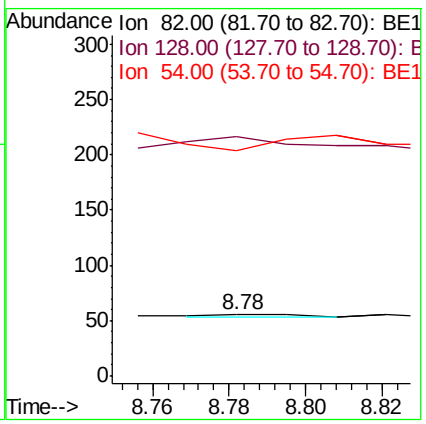


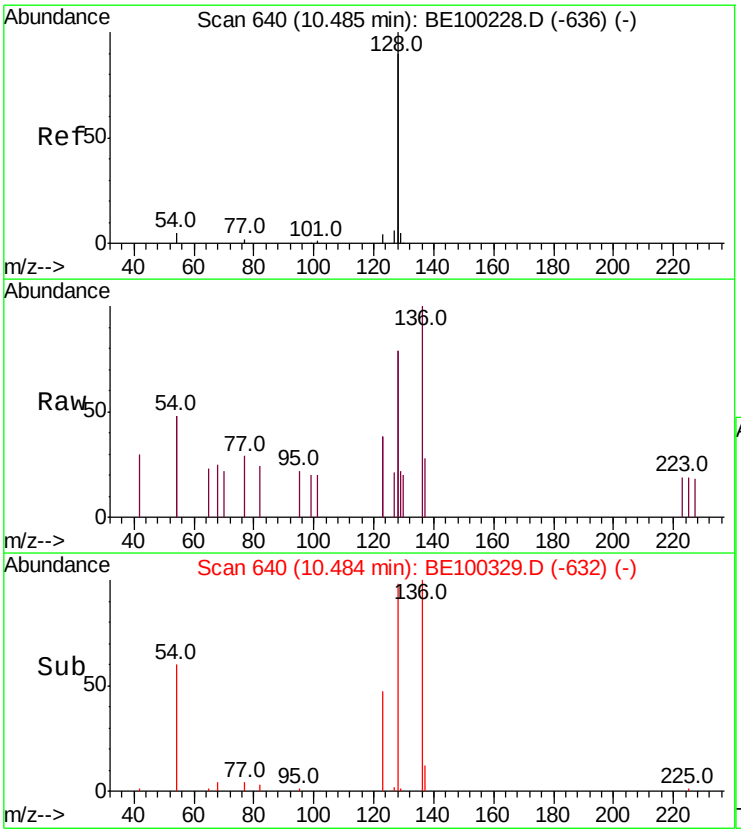
#8
Nitrobenzene-d5
Concen: 0.002 ng
RT: 8.78 min Scan# 509
Delta R.T. -0.04 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion: 82 Resp: 3

Ion	Ratio	Lower	Upper
82	100		
128	392.7	140.9	211.3#
54	370.9	146.2	219.2#

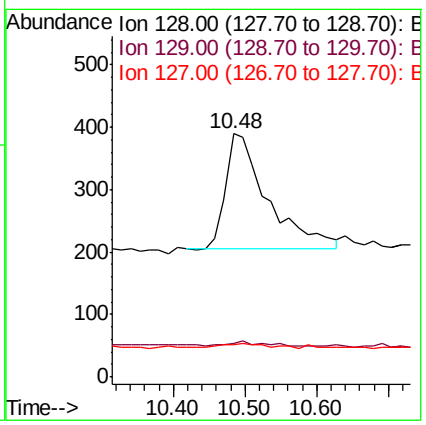


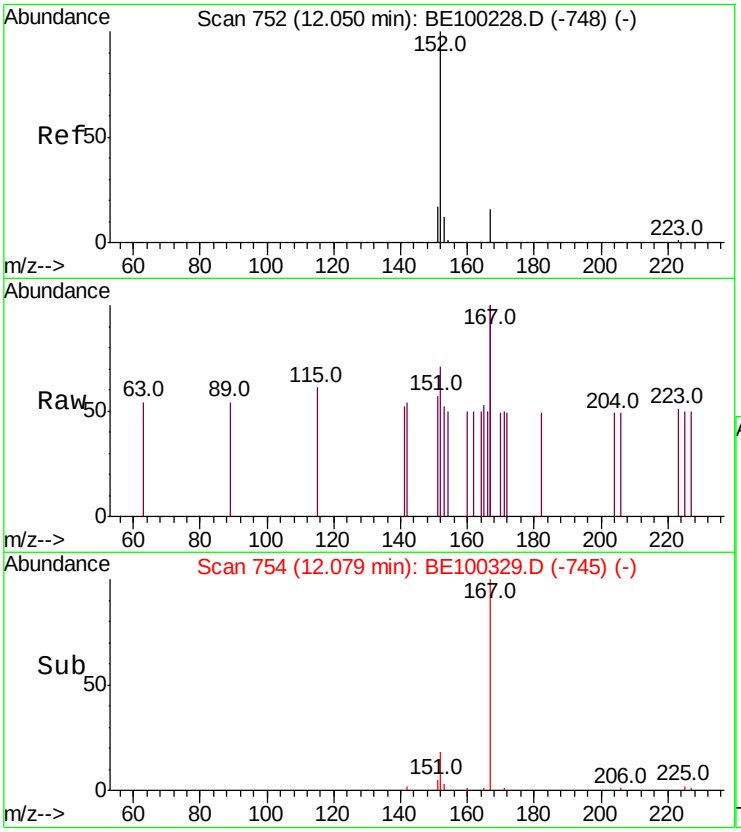


#9
Naphthalene
Concen: 0.033 ng
RT: 10.48 min Scan# 640
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:128 Resp: 737

Ion	Ratio	Lower	Upper
128	100		
129	13.8	3.0	4.6#
127	13.3	3.5	5.3#



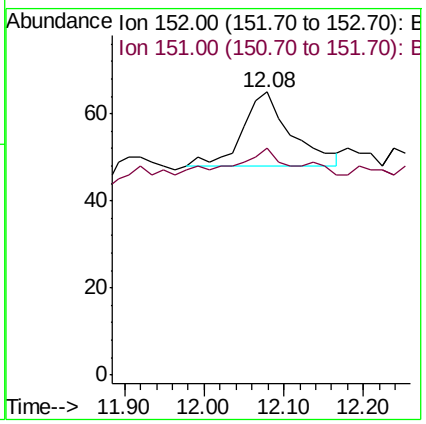


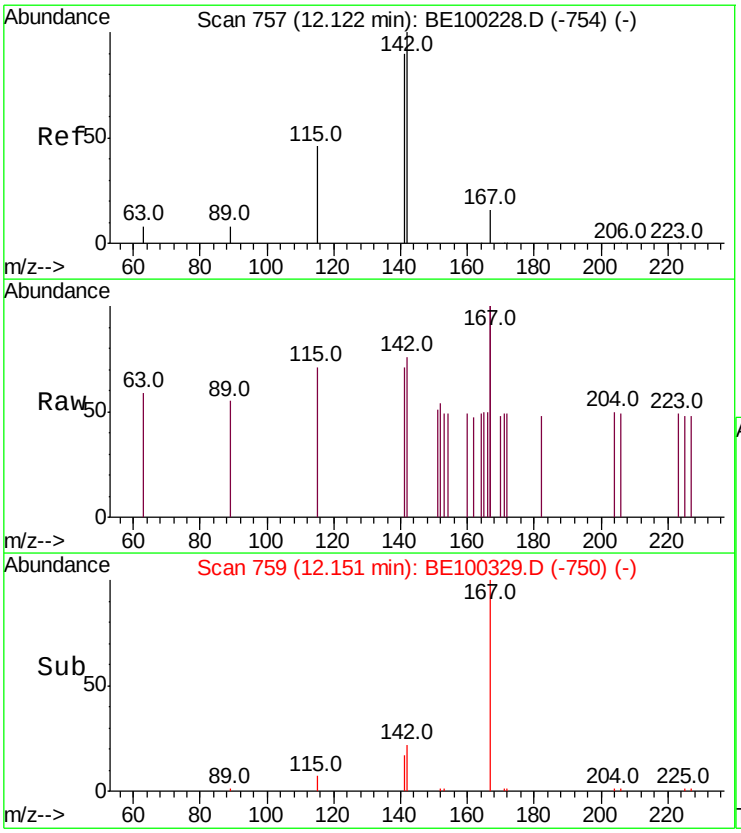
#11
2-Methylnaphthalene-d10
Concen: 0.019 ng
RT: 12.08 min Scan# 754
Delta R.T. 0.03 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:152 Resp: 72

Ion	Ratio	Lower	Upper
152	100		
151	38.9	15.1	22.7#

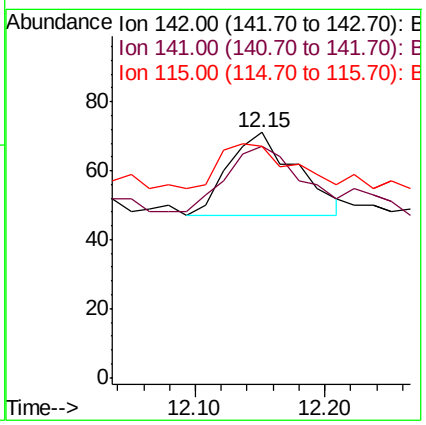


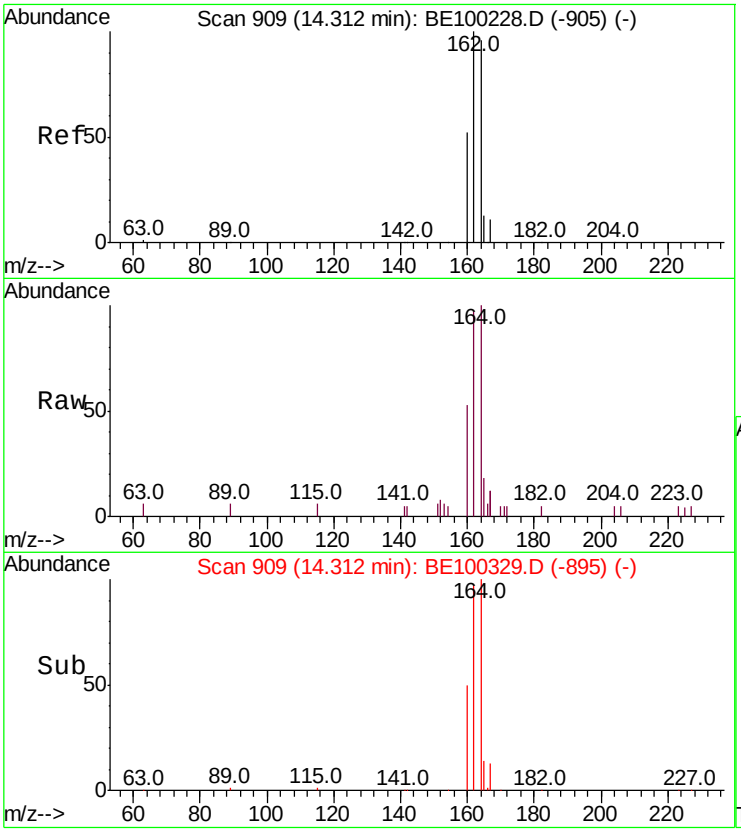


#12
2-Methylnaphthalene
Concen: 0.023 ng
RT: 12.15 min Scan# 759
Delta R.T. 0.03 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:142 Resp: 89

Ion	Ratio	Lower	Upper
142	100		
141	94.4	72.4	108.6
115	94.4	40.4	60.6#



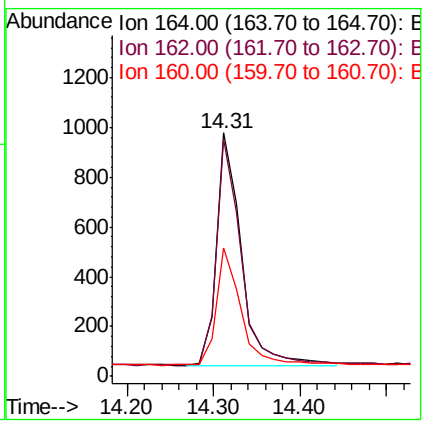


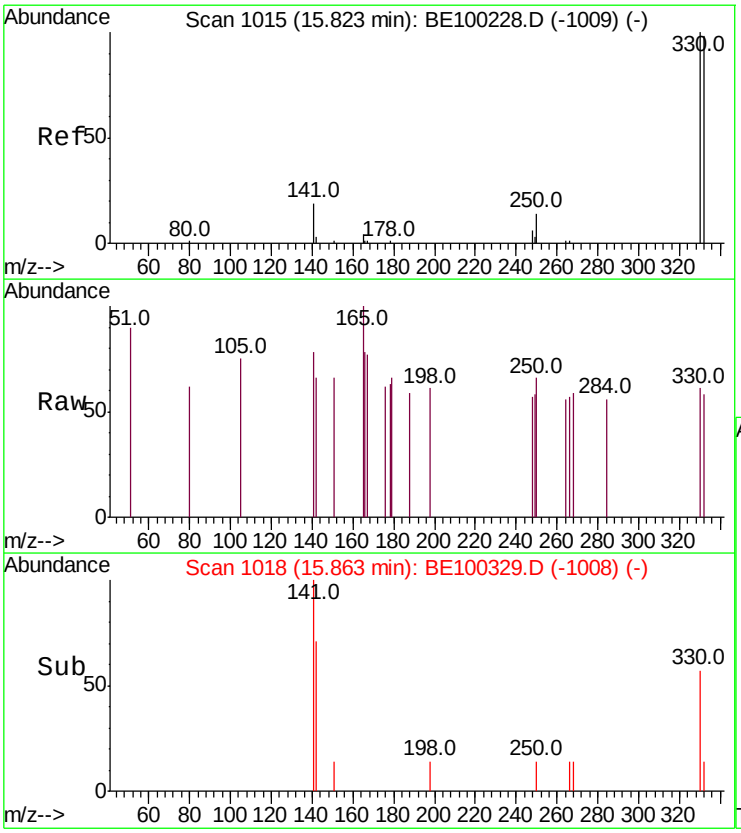
#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.31 min Scan# 909
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:164 Resp: 1857

Ion	Ratio	Lower	Upper
164	100		
162	97.4	83.4	125.0
160	52.7	45.0	67.6

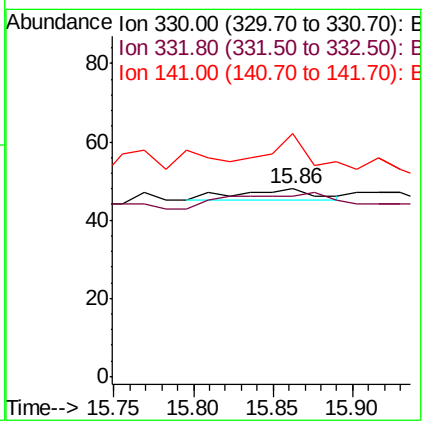


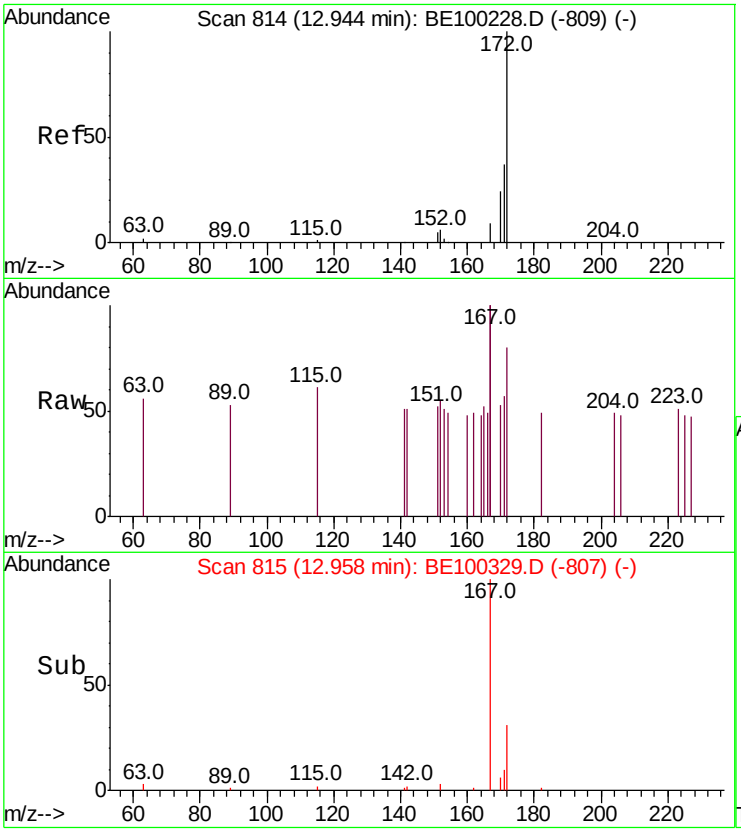


#14
2,4,6-Tribromophenol
Concen: 0.008 ng
RT: 15.86 min Scan# 1018
Delta R.T. 0.04 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:330 Resp: 10

Ion	Ratio	Lower	Upper
330	100		
332	180.0	77.0	115.4#
141	150.0	22.0	33.0#



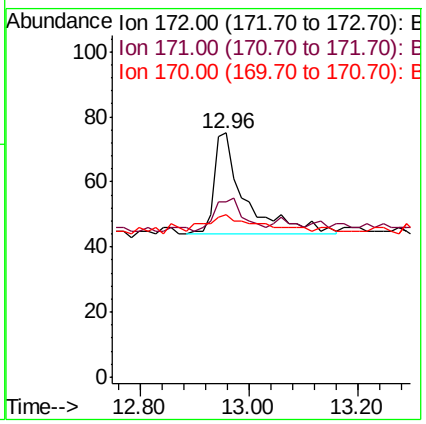


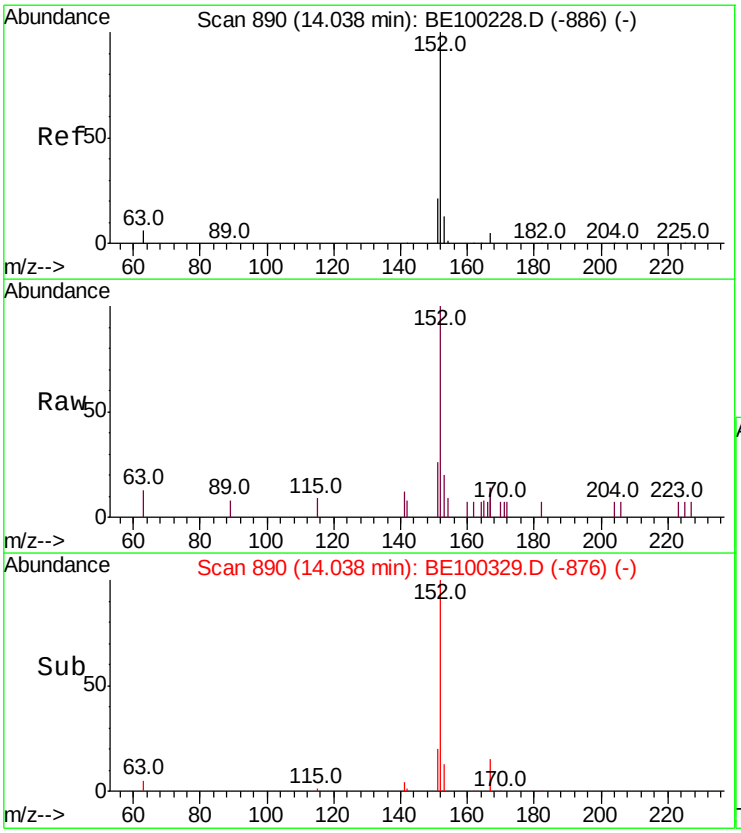
#15
2-Fluorobiphenyl
Concen: 0.017 ng
RT: 12.96 min Scan# 815
Delta R.T. 0.01 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:172 Resp: 124

Ion	Ratio	Lower	Upper
172	100		
171	72.0	31.9	47.9#
170	66.7	22.2	33.2#

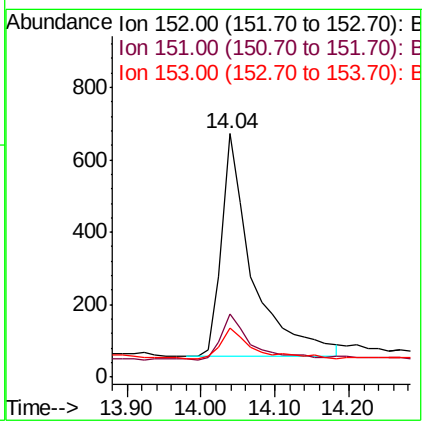


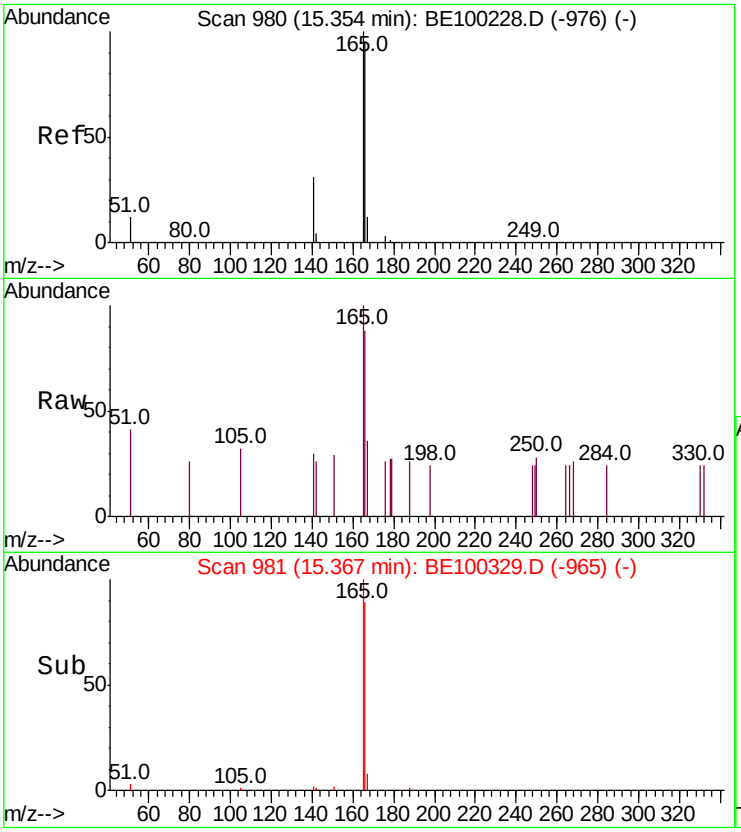


#16
Acenaphthylene
Concen: 0.199 ng
RT: 14.04 min Scan# 890
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:152 Resp: 1771

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	25.0
153	13.8	10.5	15.7



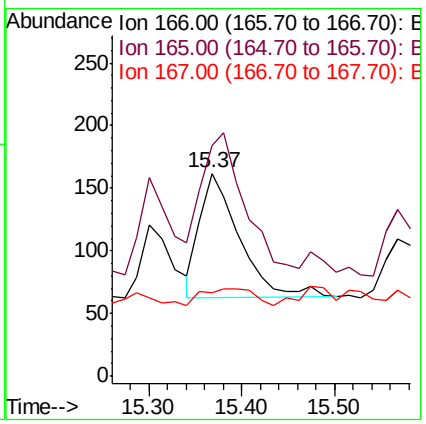


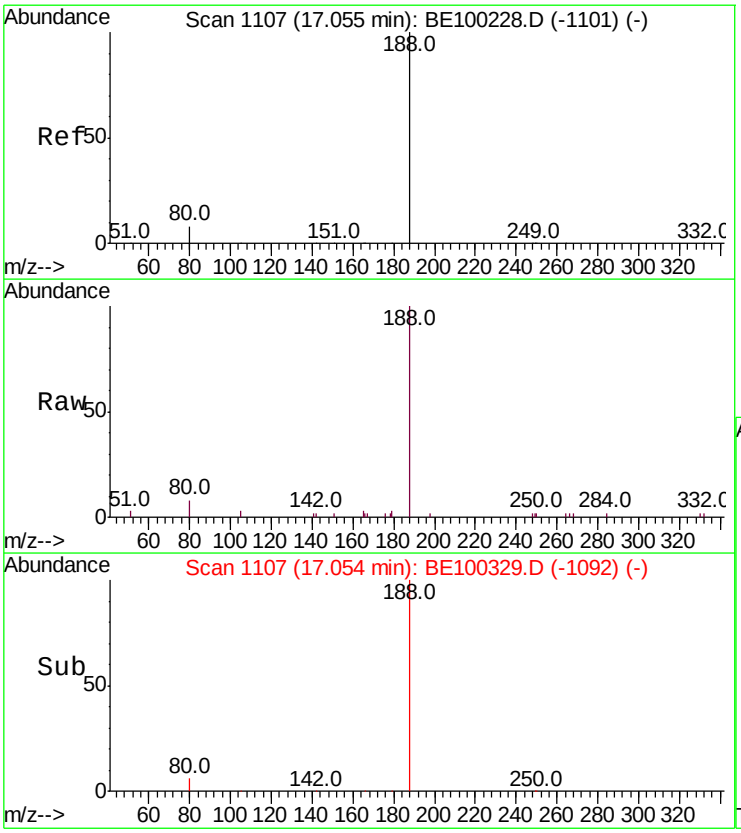
#18
Fluorene
Concen: 0.039 ng
RT: 15.37 min Scan# 981
Delta R.T. 0.01 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:166 Resp: 292

Ion	Ratio	Lower	Upper
166	100		
165	117.5	81.1	121.7
167	18.8	10.7	16.1#

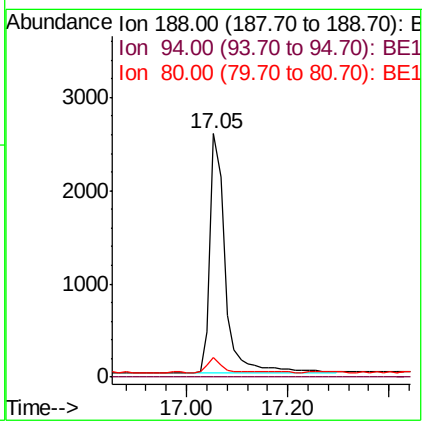


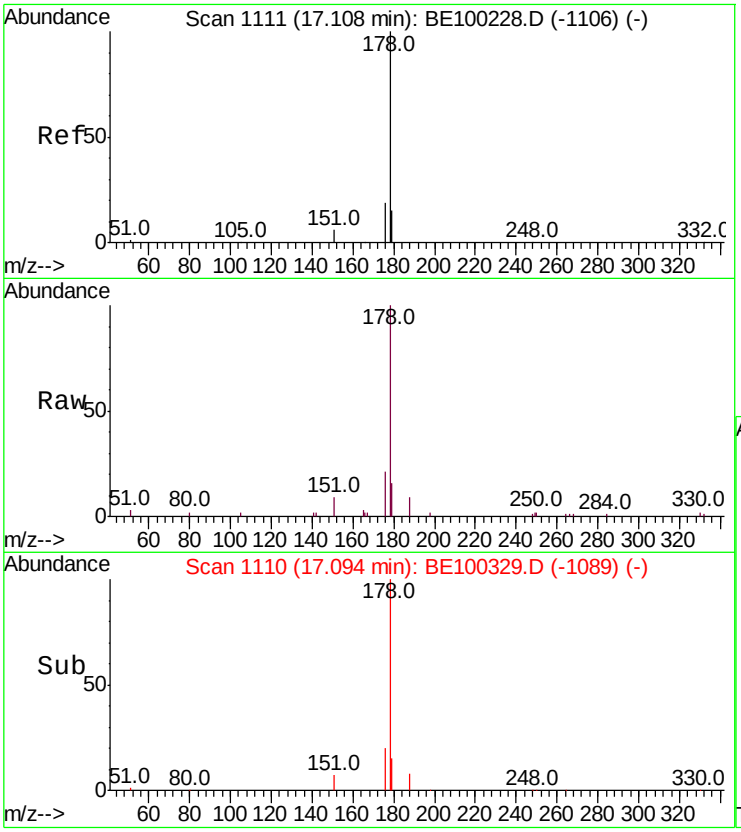


#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.05 min Scan# 1107
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:188 Resp: 5366

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	8.3	7.6	11.4



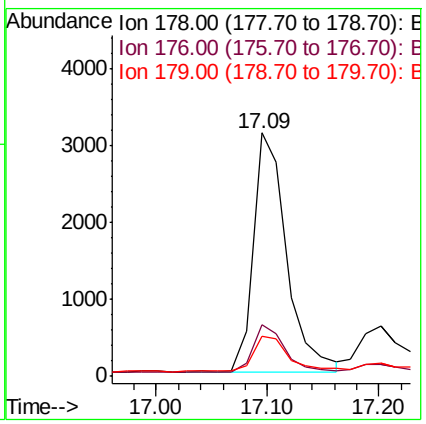


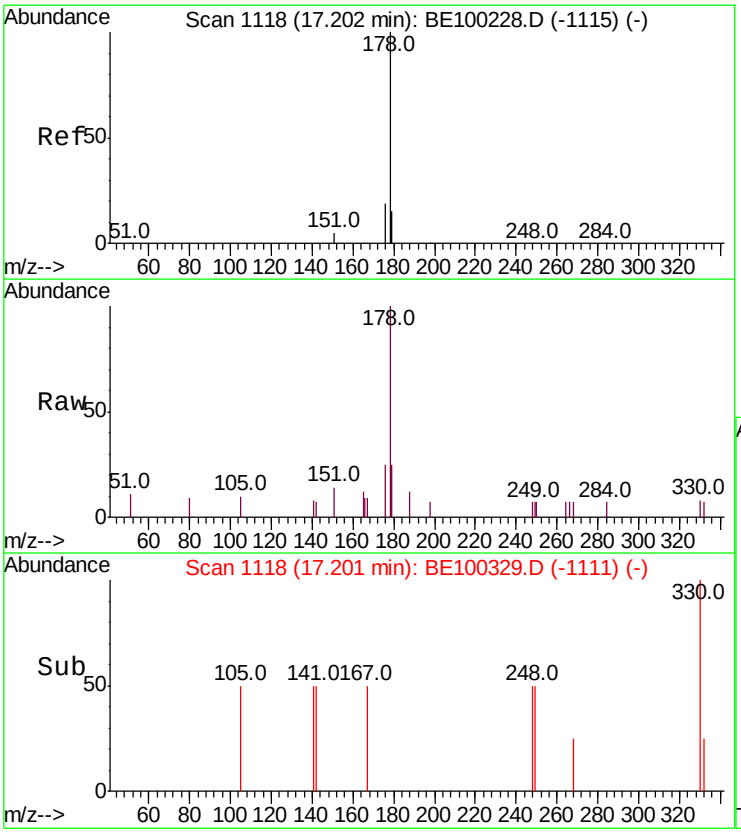
#23
Phenanthrene
Concen: 0.495 ng
RT: 17.09 min Scan# 1110
Delta R.T. -0.01 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:178 Resp: 6436

Ion	Ratio	Lower	Upper
178	100		
176	19.6	15.9	23.9
179	16.7	12.2	18.2

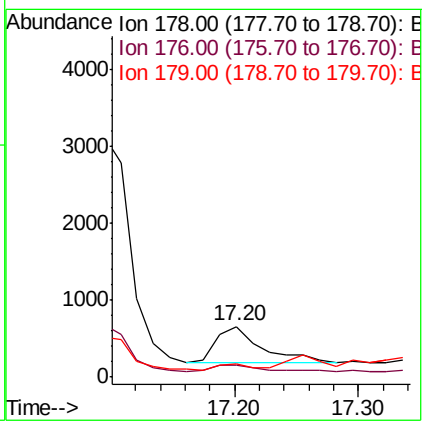


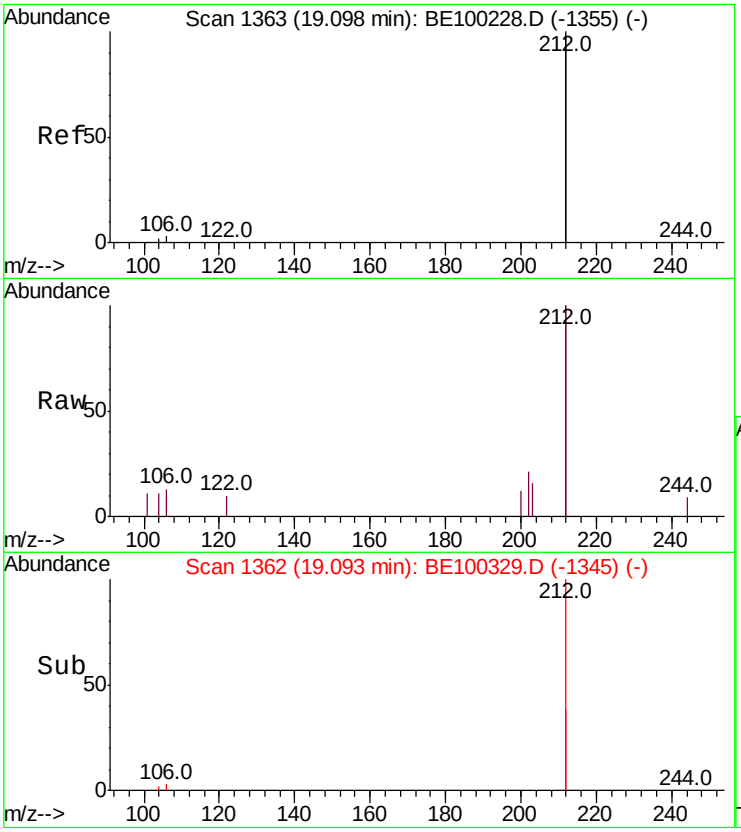


#24
Anthracene
Concen: 0.100 ng
RT: 17.20 min Scan# 1118
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:178 Resp: 1171

Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.3	22.9
179	9.7	12.2	18.2#



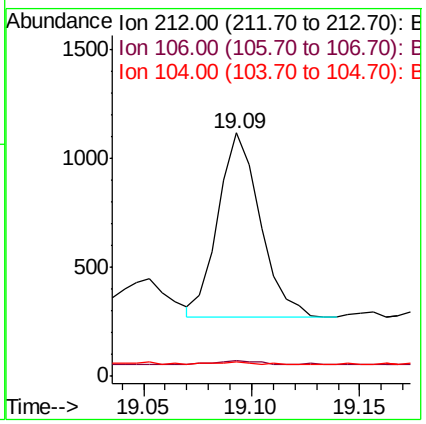


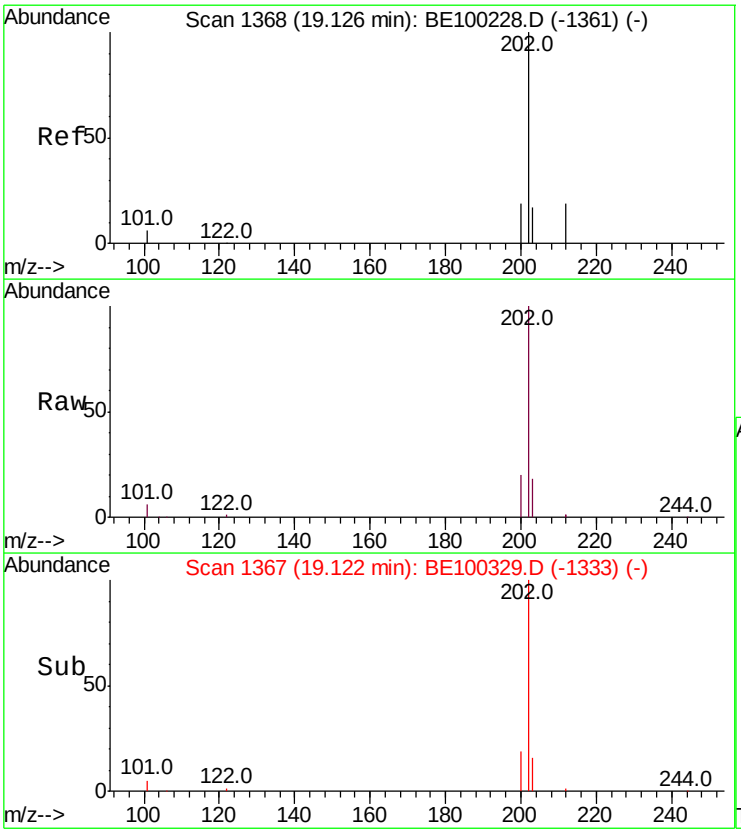
#25
Fluoranthene-d10
Concen: 0.015 ng
RT: 19.09 min Scan# 1362
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:212 Resp: 1146

Ion	Ratio	Lower	Upper
212	100		
106	2.0	1.3	1.9#
104	1.7	0.8	1.2#

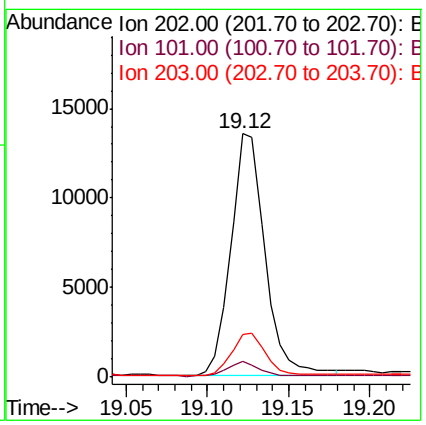


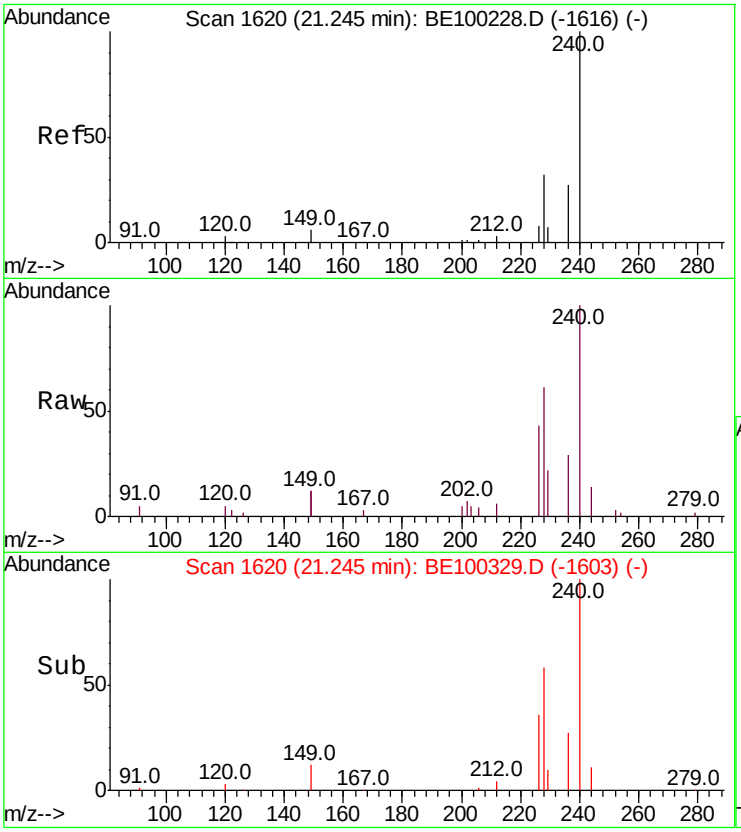


#26
Fluoranthene
Concen: 0.949 ng
RT: 19.12 min Scan# 1367
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:202 Resp: 19660

Ion	Ratio	Lower	Upper
202	100		
101	5.7	4.6	7.0
203	17.7	13.7	20.5



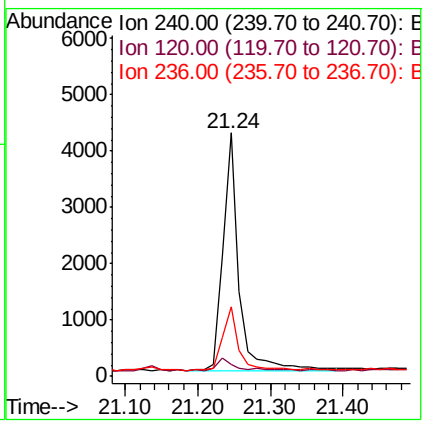


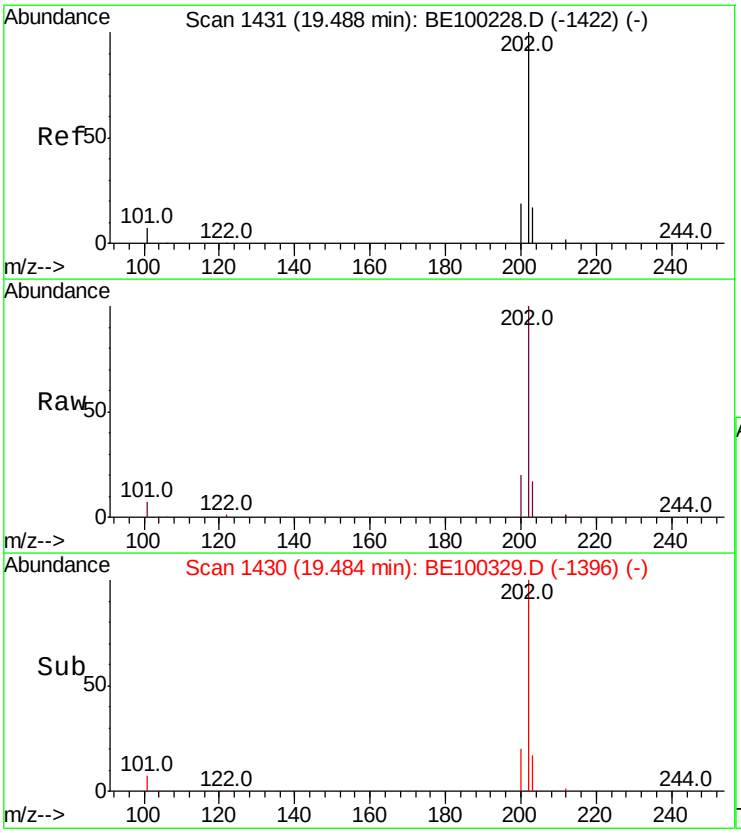
#27
Chrysene-d12
Concen: 0.400 ng
RT: 21.24 min Scan# 1620
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:240 Resp: 6516

Ion	Ratio	Lower	Upper
240	100		
120	5.0	3.3	4.9#
236	28.7	22.6	34.0

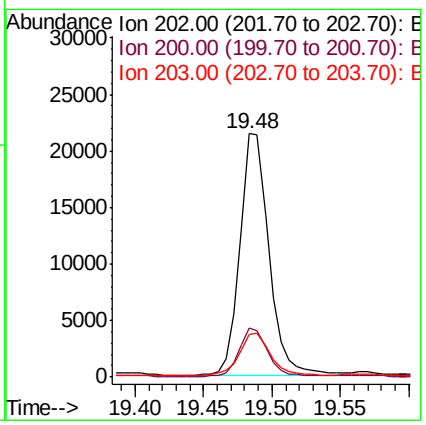


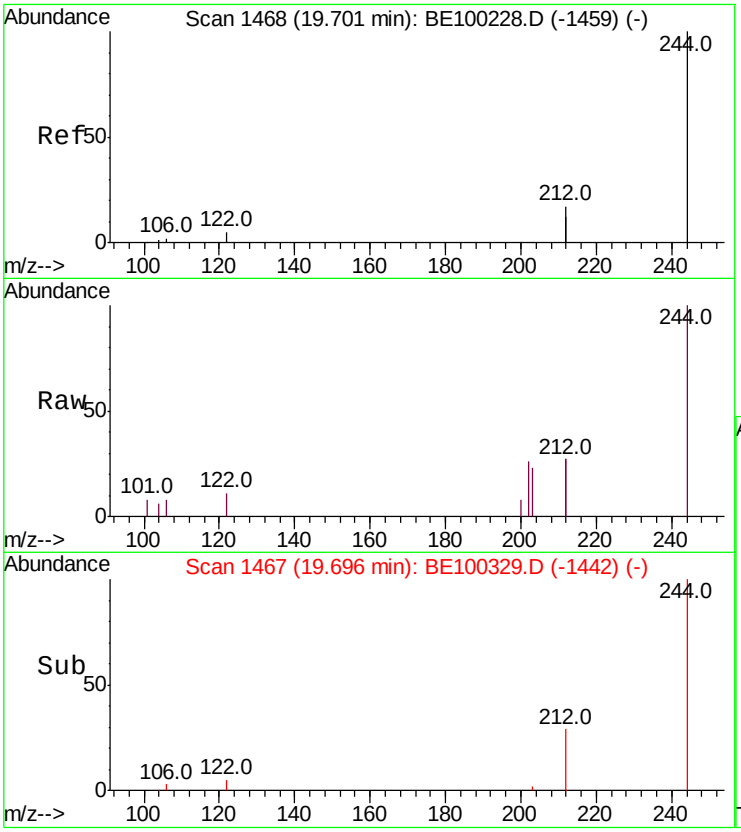


#28
Pyrene
Concen: 1.819 ng
RT: 19.48 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:202 Resp: 31376

Ion	Ratio	Lower	Upper
202	100		
200	19.8	15.6	23.4
203	19.4	14.0	21.0



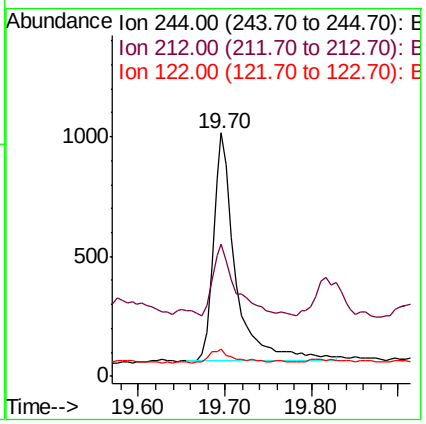


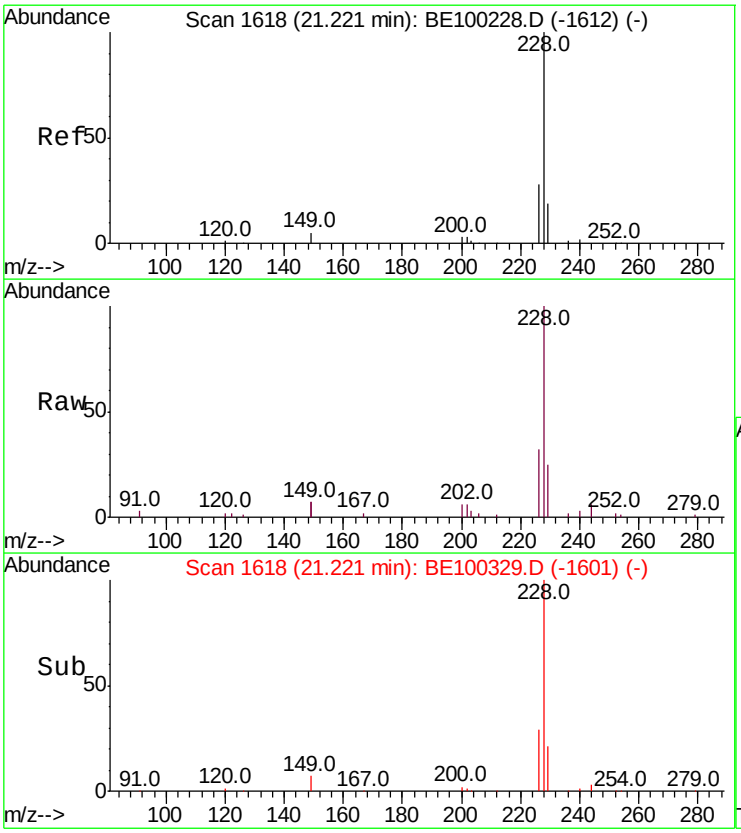
#29
Terphenyl-d14
Concen: 0.127 ng
RT: 19.70 min Scan# 1467
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:244 Resp: 1720

Ion	Ratio	Lower	Upper
244	100		
212	54.5	27.3	40.9#
122	11.1	4.7	7.1#

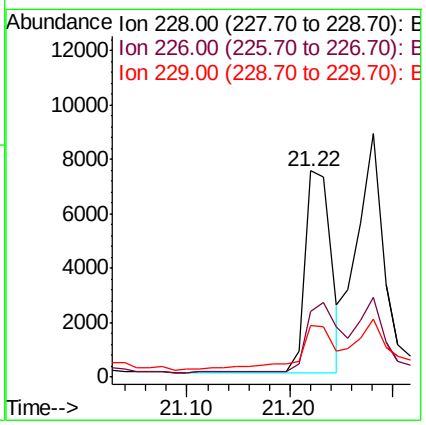


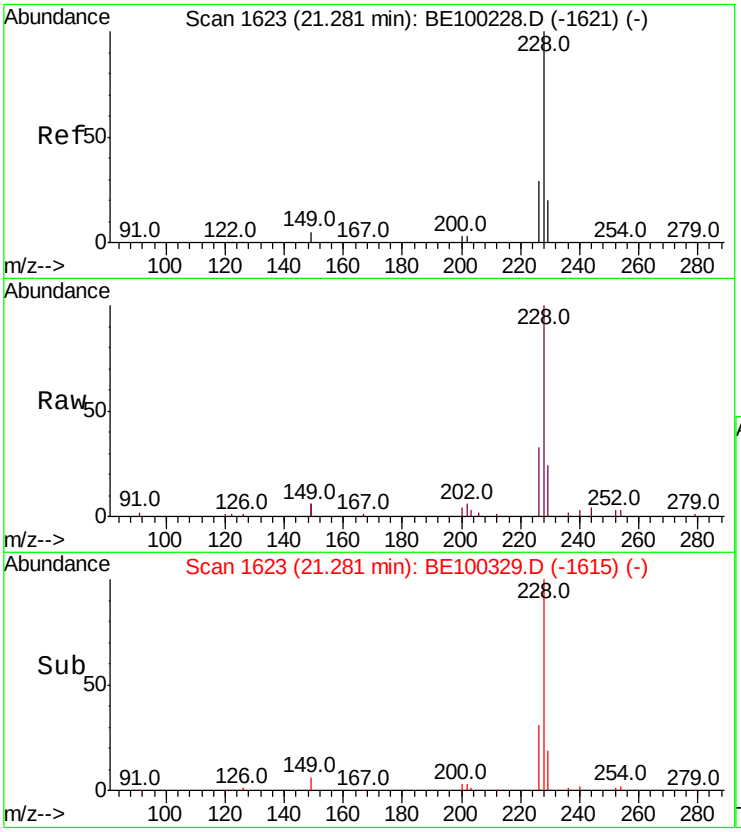


#30
Benzo(a)anthracene
Concen: 0.616 ng
RT: 21.22 min Scan# 1618
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:228 Resp: 13198

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.2	34.8
229	24.9	15.7	23.5#



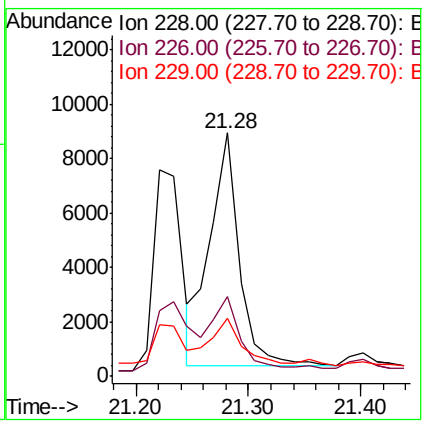


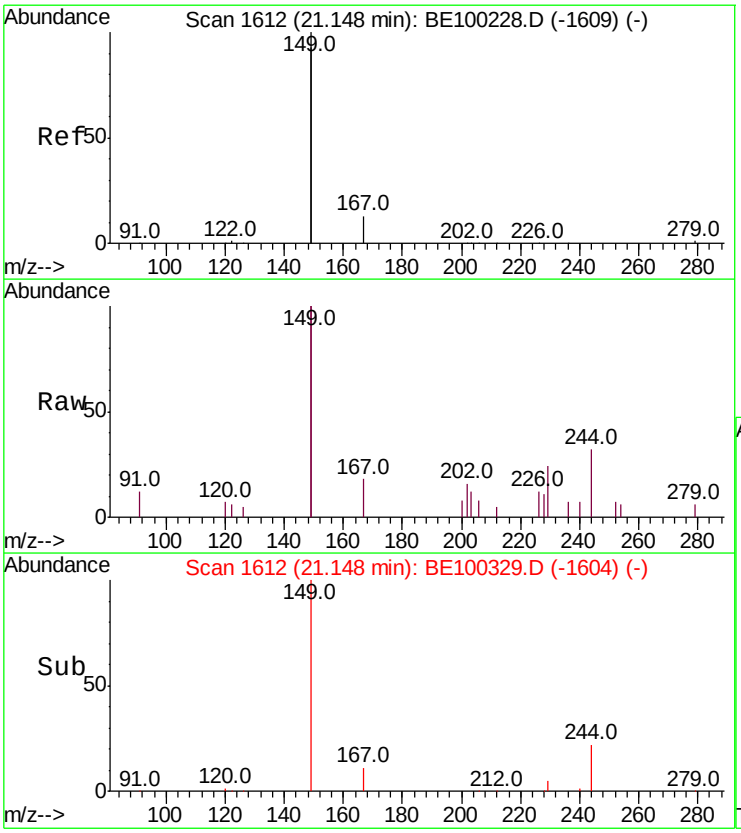
#31
Chrysene
Concen: 0.716 ng
RT: 21.28 min Scan# 1623
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:228 Resp: 15413

Ion	Ratio	Lower	Upper
228	100		
226	32.6	23.9	35.9
229	23.7	16.5	24.7

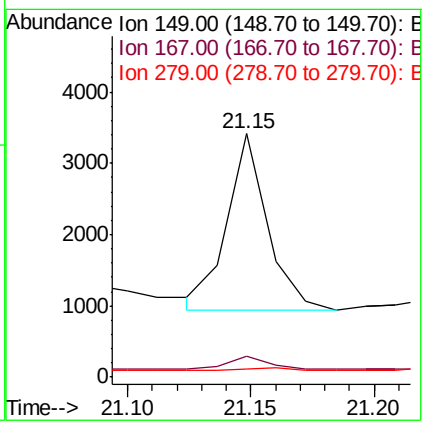


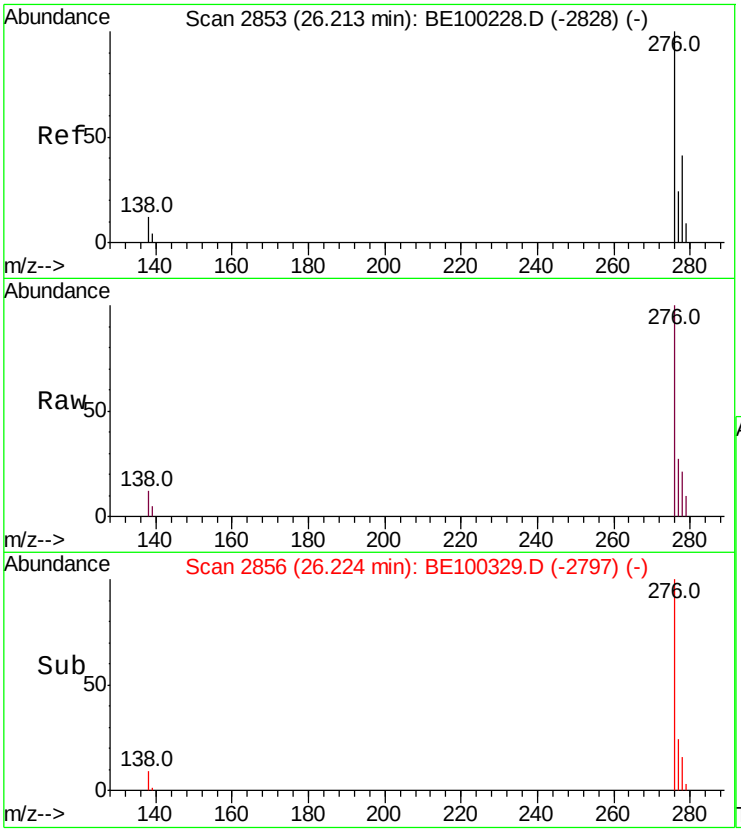


#32
Bis(2-ethylhexyl)phthalate
Concen: 0.036 ng
RT: 21.15 min Scan# 1612
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:149 Resp: 2848

Ion	Ratio	Lower	Upper
149	100		
167	8.4	5.8	8.8
279	2.4	1.1	1.7#



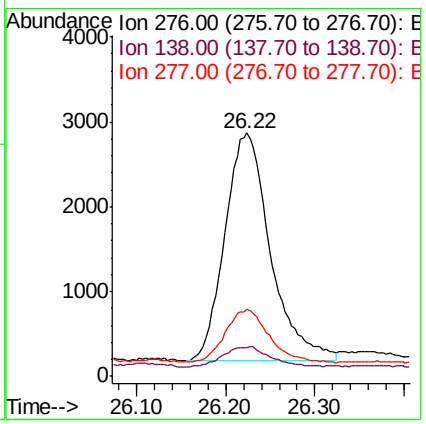


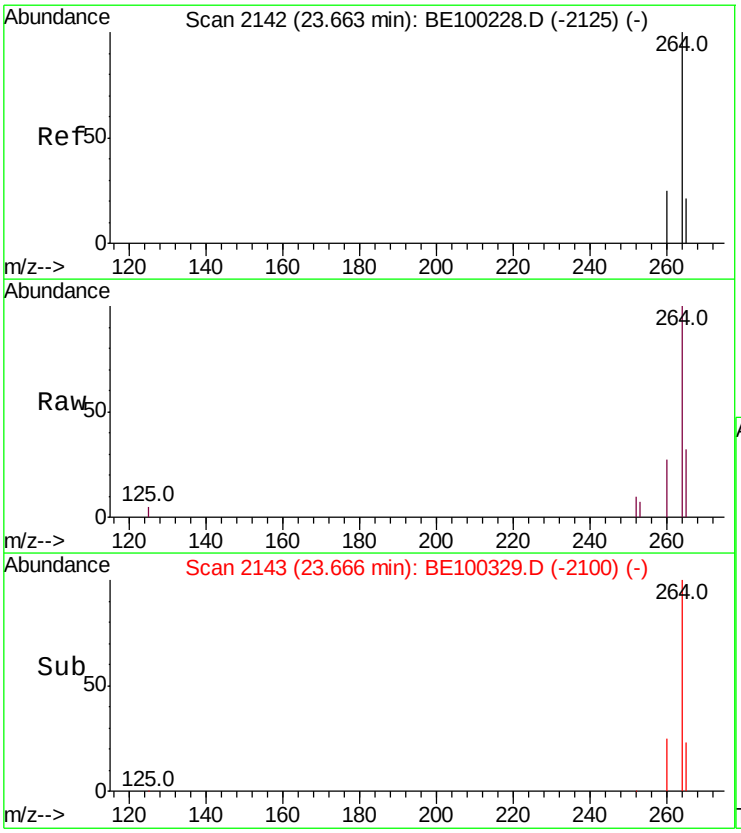
#33
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng
RT: 26.22 min Scan# 2856
Delta R.T. 0.01 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 9586

Ion	Ratio	Lower	Upper
276	100		
138	9.1	9.4	14.0#
277	22.4	19.2	28.8

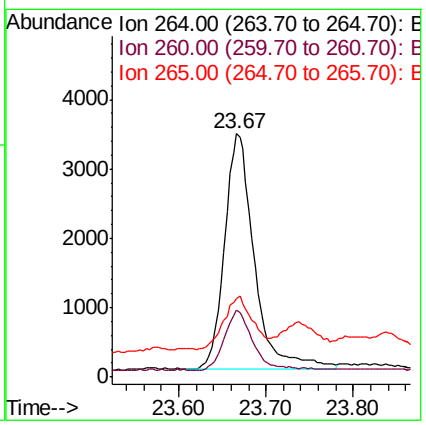


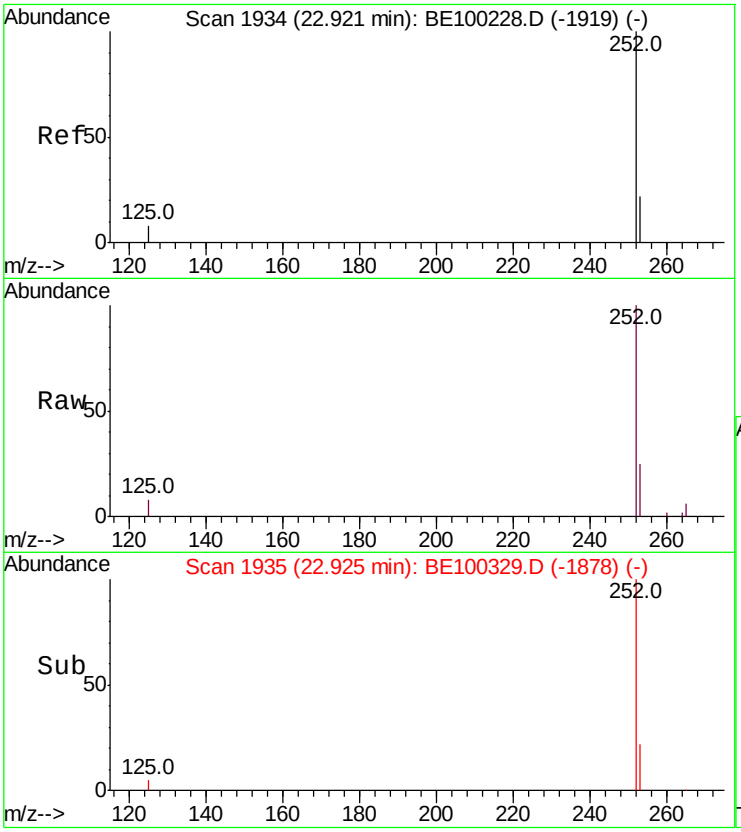


#34
Perylene-d12
Concen: 0.400 ng
RT: 23.67 min Scan# 2143
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:264 Resp: 8056

Ion	Ratio	Lower	Upper
264	100		
260	27.4	20.8	31.2
265	32.1	21.8	32.6



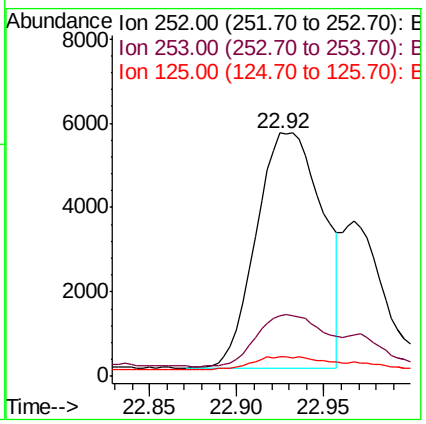


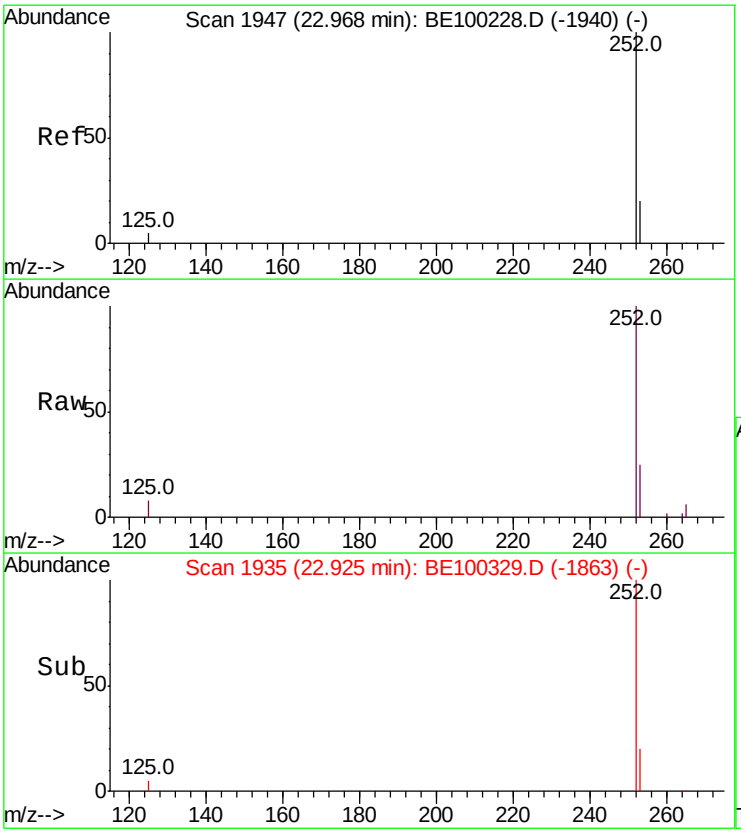
#35
Benzo(b)fluoranthene
Concen: 0.673 ng
RT: 22.92 min Scan# 1935
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 14706

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.2	28.8
125	8.2	7.4	11.0

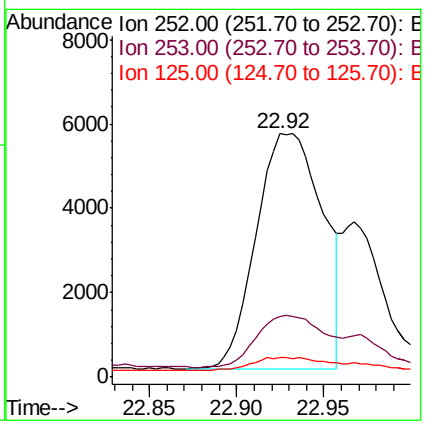


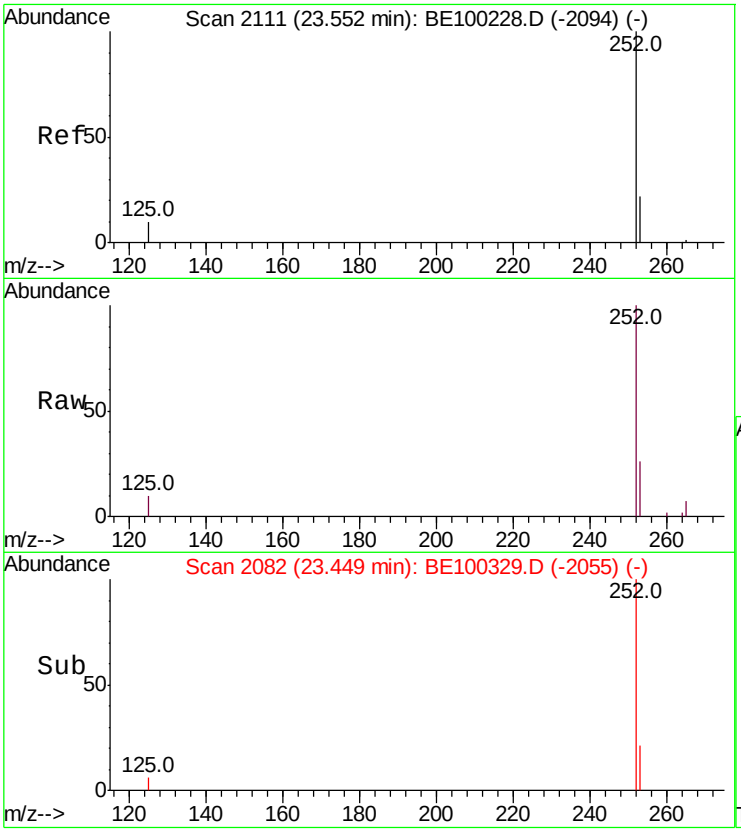


#36
Benzo(k)fluoranthene
Concen: 0.603 ng
RT: 22.92 min Scan# 1935
Delta R.T. -0.04 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:252 Resp: 14706

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.9	26.9
125	8.2	5.0	7.4#



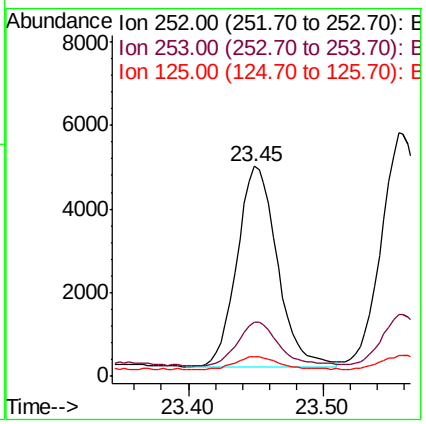


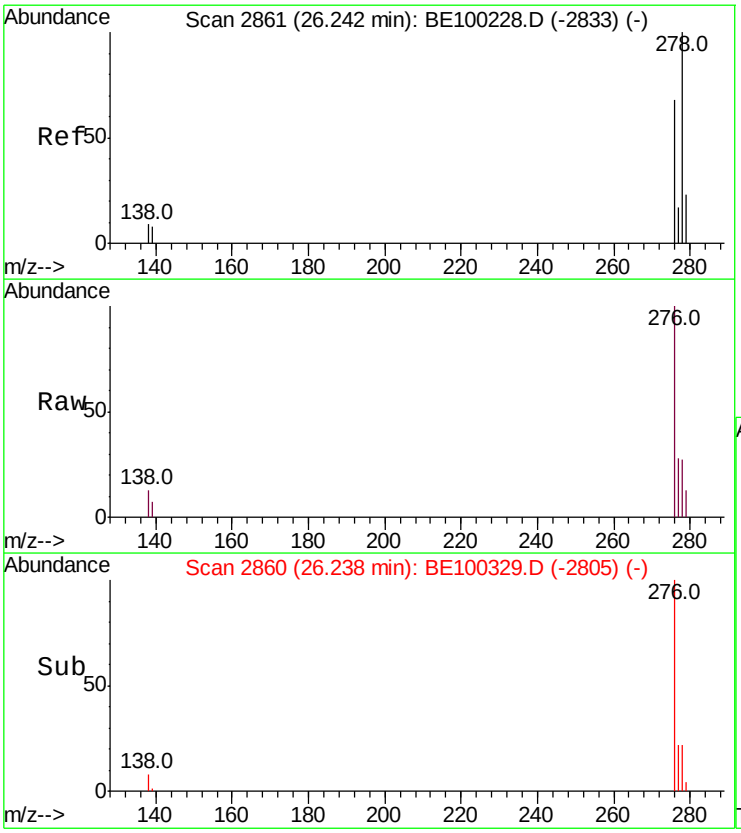
#37
Benzo(a)pyrene
Concen: 0.456 ng
RT: 23.45 min Scan# 2082
Delta R.T. -0.10 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:252 Resp: 9990

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.6	29.4
125	9.6	9.0	13.6

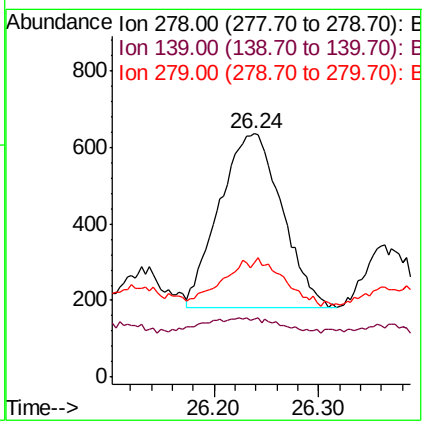


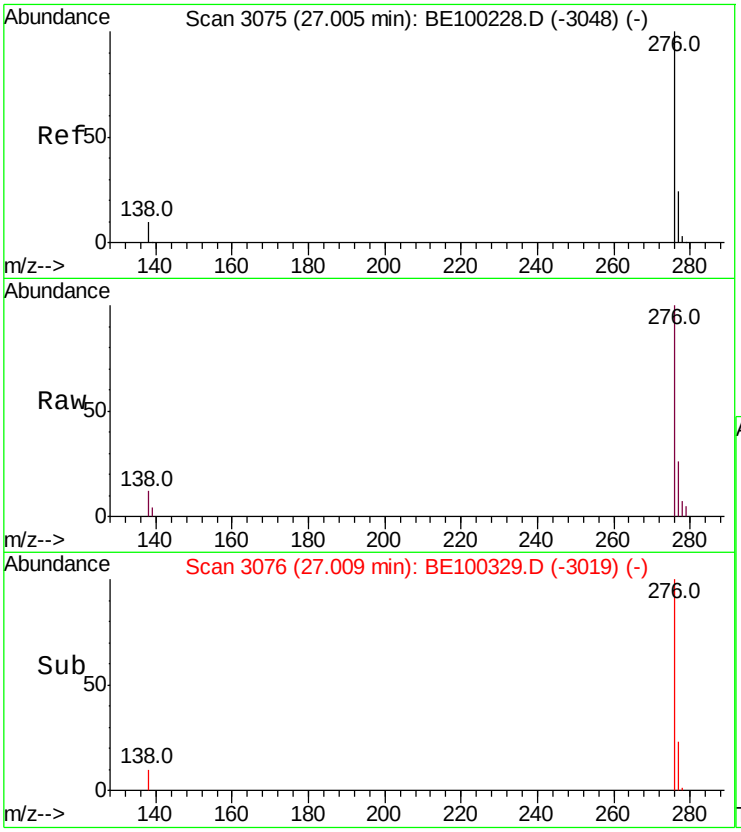


#38
Dibenzo(a,h)anthracene
Concen: 0.083 ng
RT: 26.24 min Scan# 2860
Delta R.T. -0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Tgt Ion:278 Resp: 1899

Ion	Ratio	Lower	Upper
278	100		
139	23.9	8.2	12.2#
279	47.0	20.3	30.5#





#39
Benzo(g,h,i)perylene
Concen: 0.510 ng
RT: 27.01 min Scan# 3076
Delta R.T. 0.00 min
Lab File: BE100329.D
Acq: 3 Jul 2019 15:22

Instrument :
BNA_E
ClientSampleId :

Tgt Ion:276 Resp: 11986

Ion	Ratio	Lower	Upper
276	100		
277	26.1	20.2	30.2
138	12.4	9.0	13.6